

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 89 11-January-17 - 18-January-17

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

January 24, 2017

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

GEOSCIENCE Support Services, Inc., Ground Water Resources Development
P.O. Box 220, Claremont, CA 91711 | P (909) 451-6650 | F (909) 451-6638 |
www.gssiwater.com

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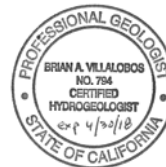
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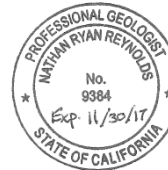
THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



Brian Villalobos, CEG, CHG
Senior Geohydrologist



Nathan Reynolds, PG
Project Manager



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Description

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- B Groundwater Level and Salinity Instrument Data for the Period 11-January-17 through 18-January-17

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. 89 11-JANUARY-17 - 18-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 11-January-17 through 18-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.

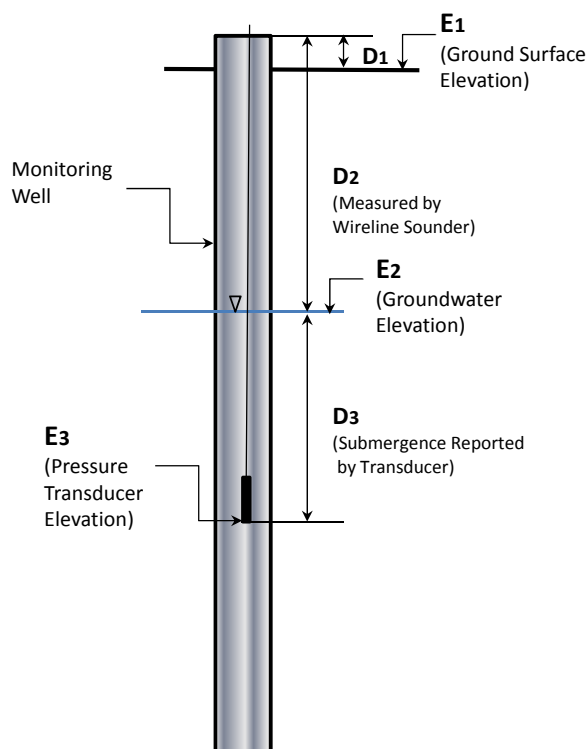
CEMEX's North Well collapsed on November 13, 2015. Monitoring of the North Well continued after the collapse for 15 weeks to evaluate whether water levels would equilibrate. Consistent shallow groundwater measurements indicate that the well screen is blocked and water levels in the well are no longer 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. 89 (this report), is the eighty-ninth 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. 7¹).

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:

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



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).

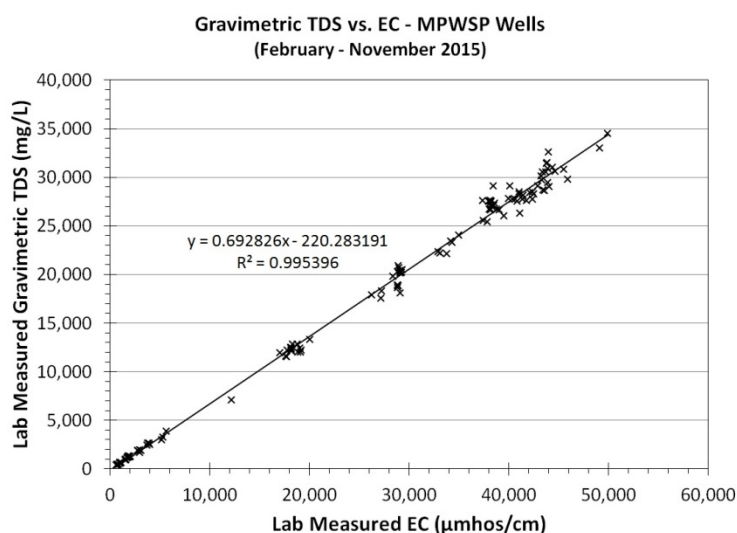
Once the transducer elevation has been established, groundwater elevations in ft NAVD88 are calculated from transducer submergence readings ($D3$) (psi converted to ft) and depth to water measurements ($D2$) as follows:

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

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

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.

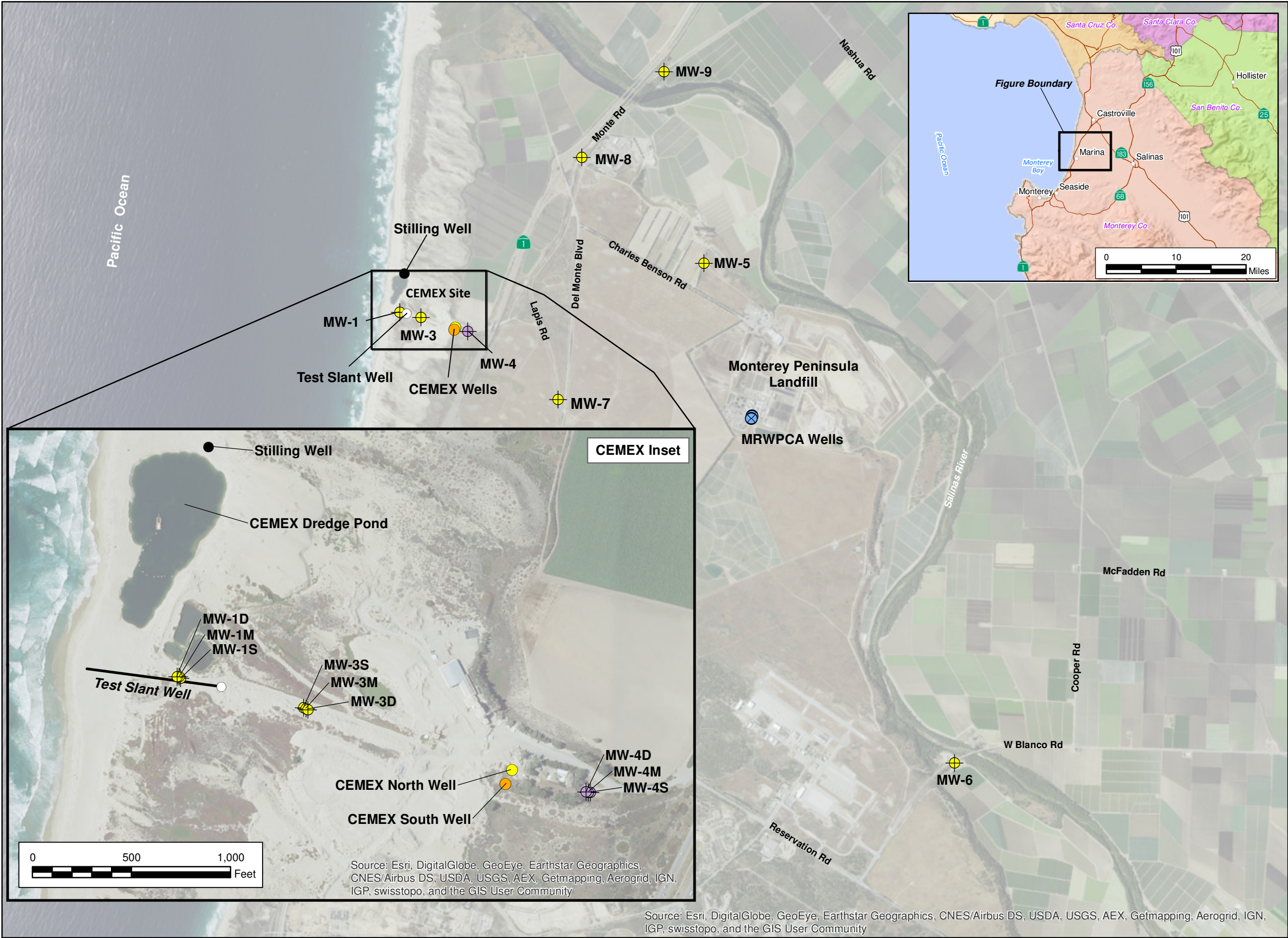
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 & MW-6). MW-3 series and MW-4 series are the closest inland wells from the Test Slant Well (see Figure 1-1) and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

FIGURES

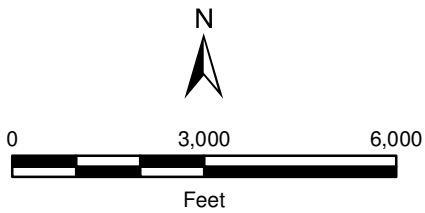
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Drawn By: DB Projection: State Plane 1983, Zone IV

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- 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



MPWSP GROUNDWATER MONITORING NETWORK

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

Groundwater Elevation in MPWSP MW-1

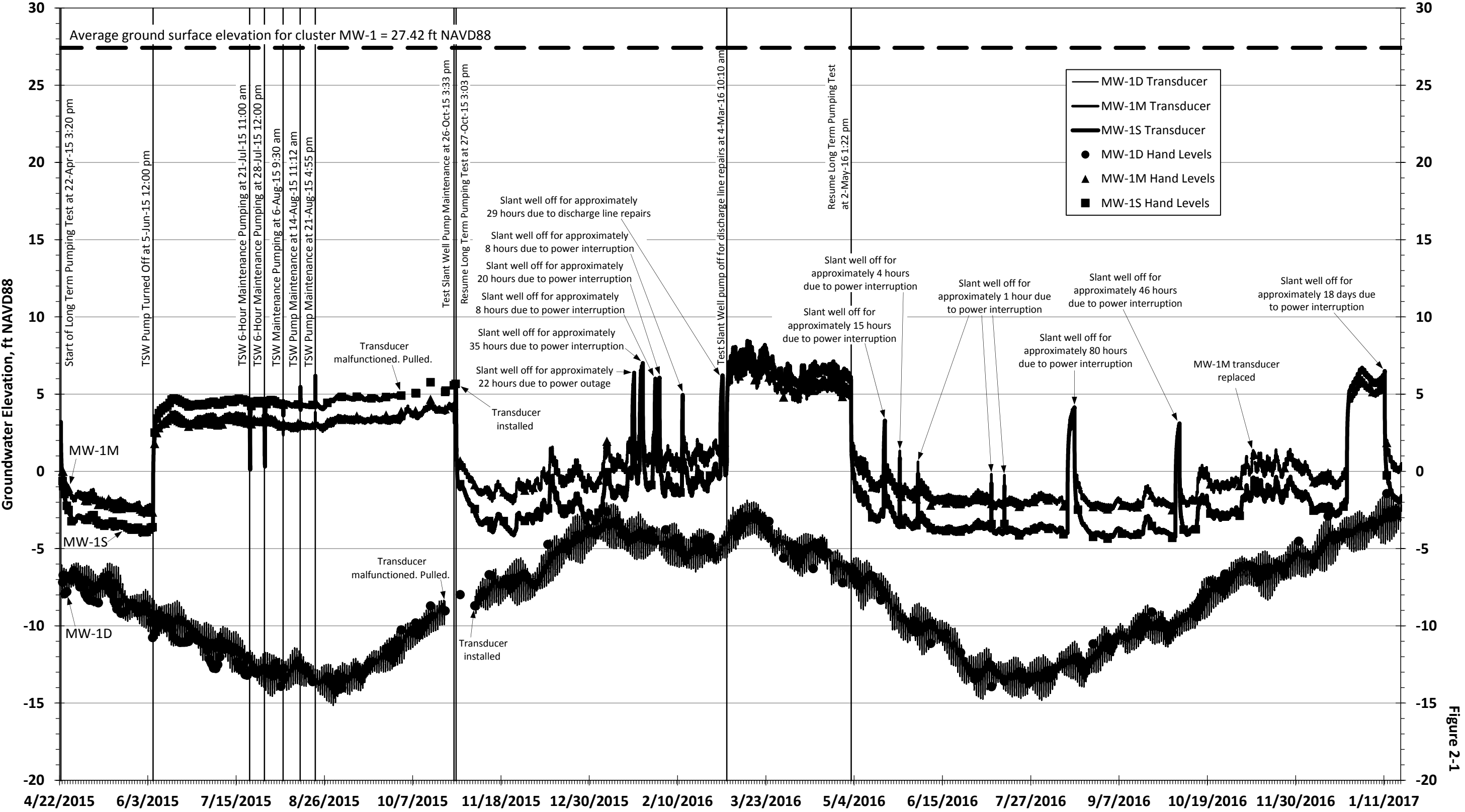


Figure 2-1

Groundwater Elevation in MPWSP MW-3

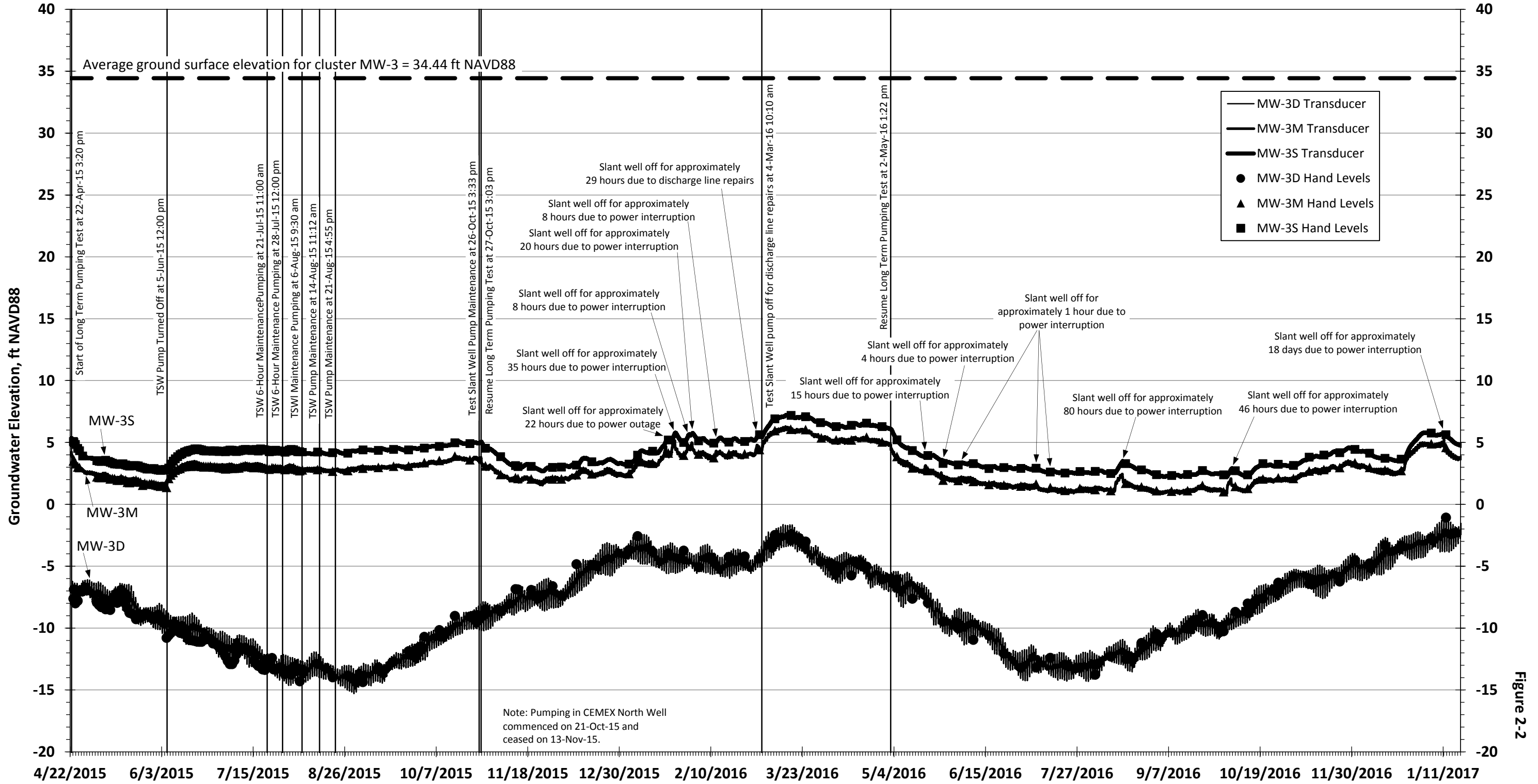
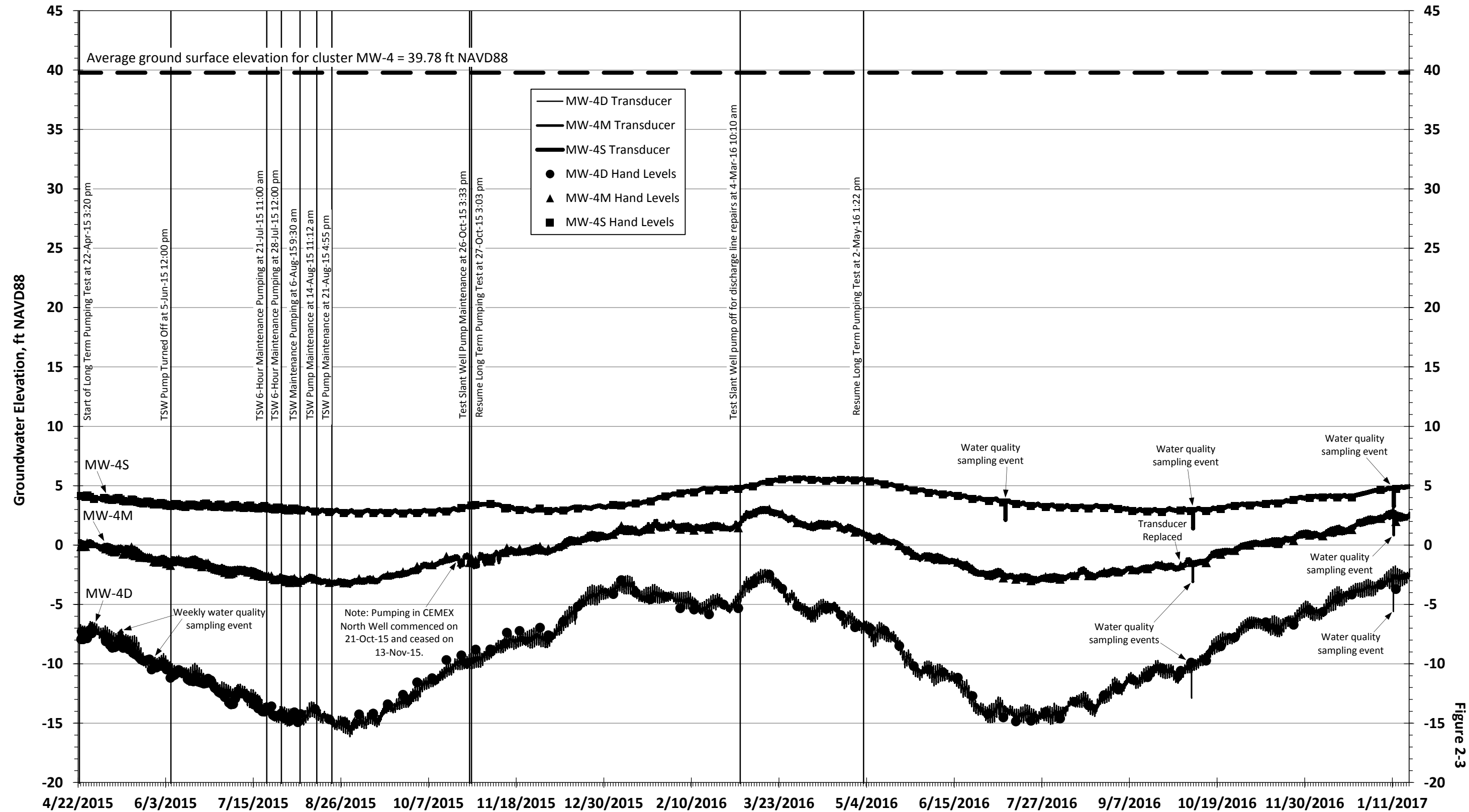


Figure 2-2

Groundwater Elevation in MPWSP MW-4



Groundwater Elevation in MPWSP MW-5

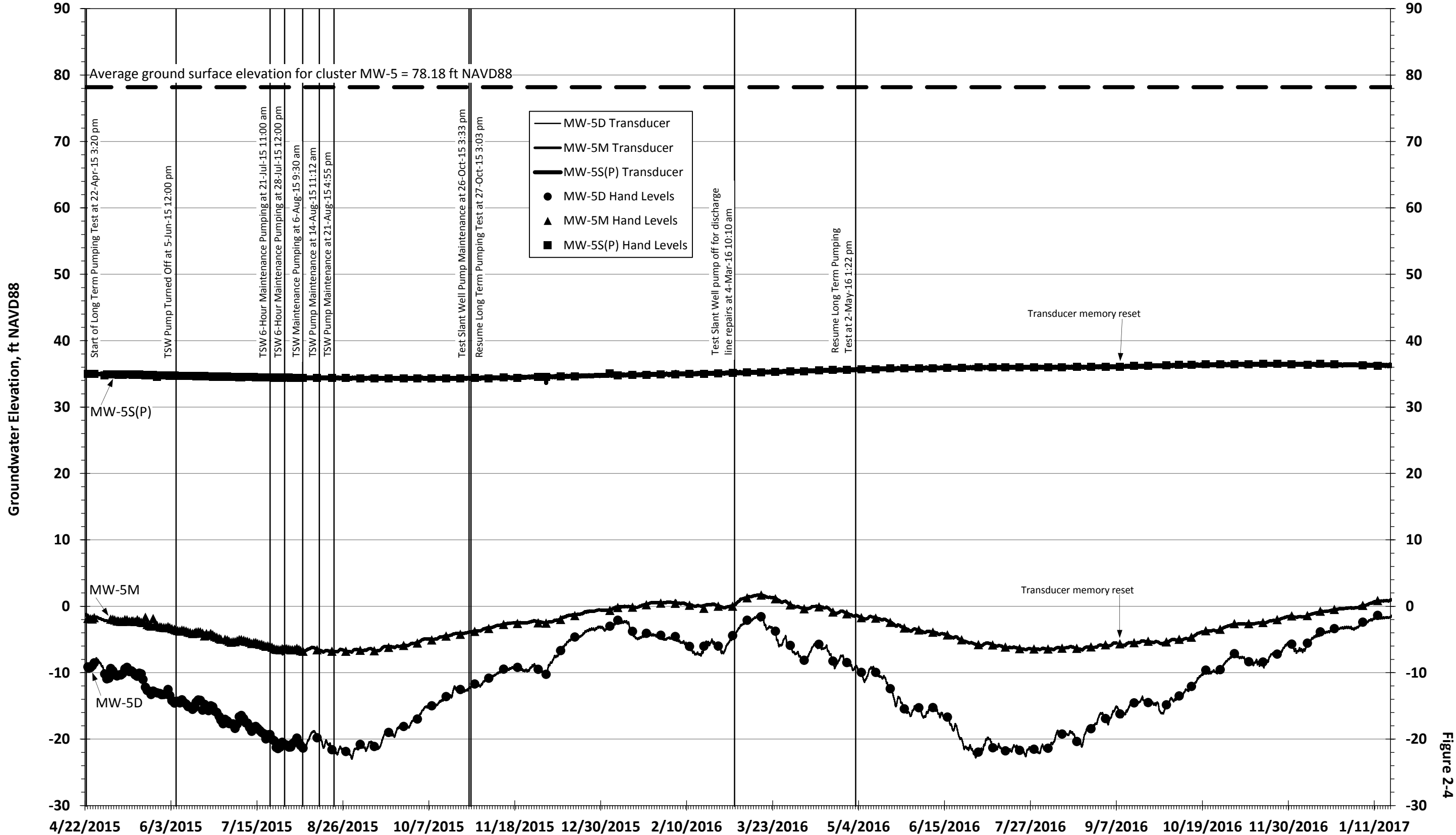
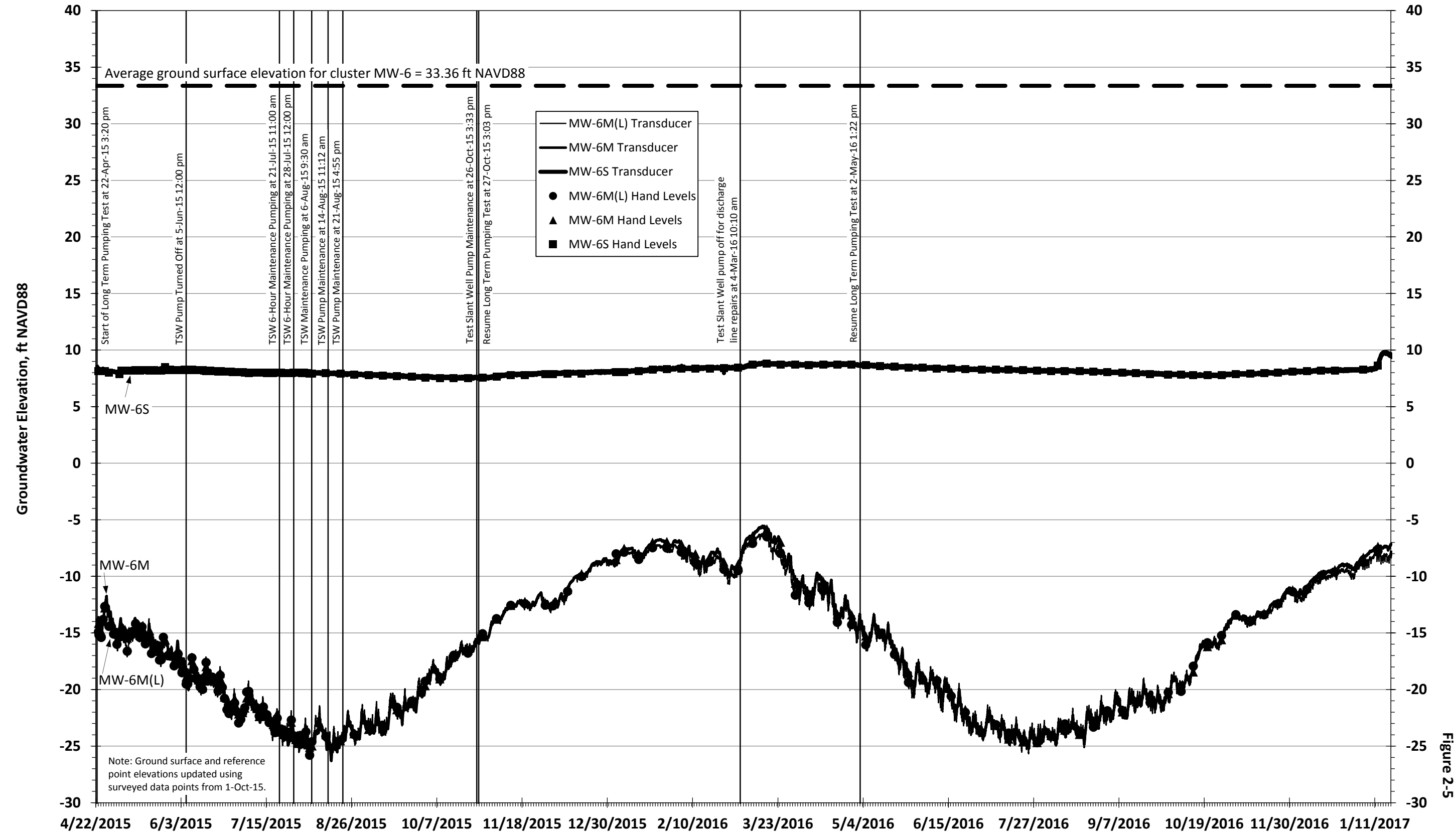
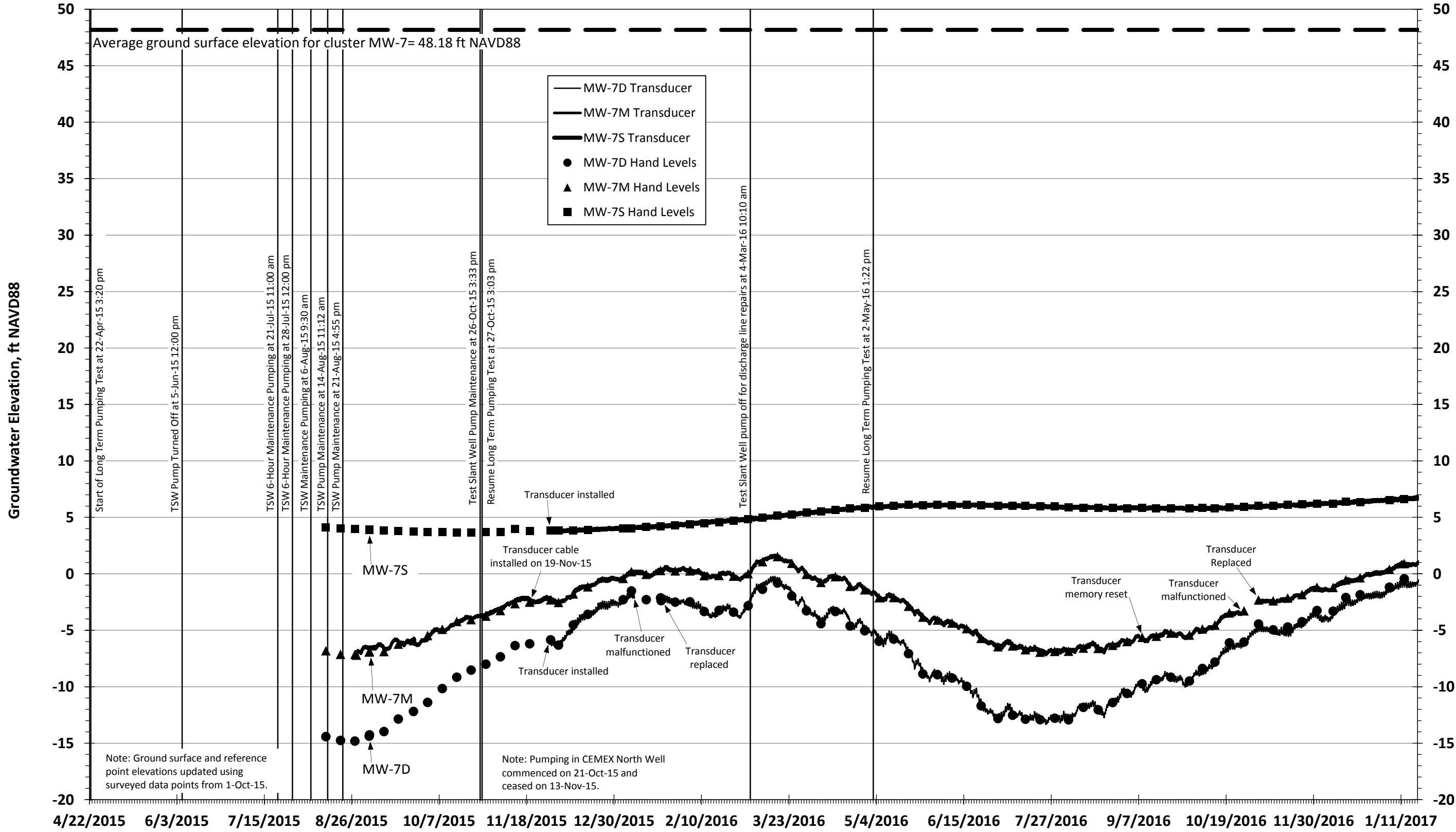


Figure 2-4

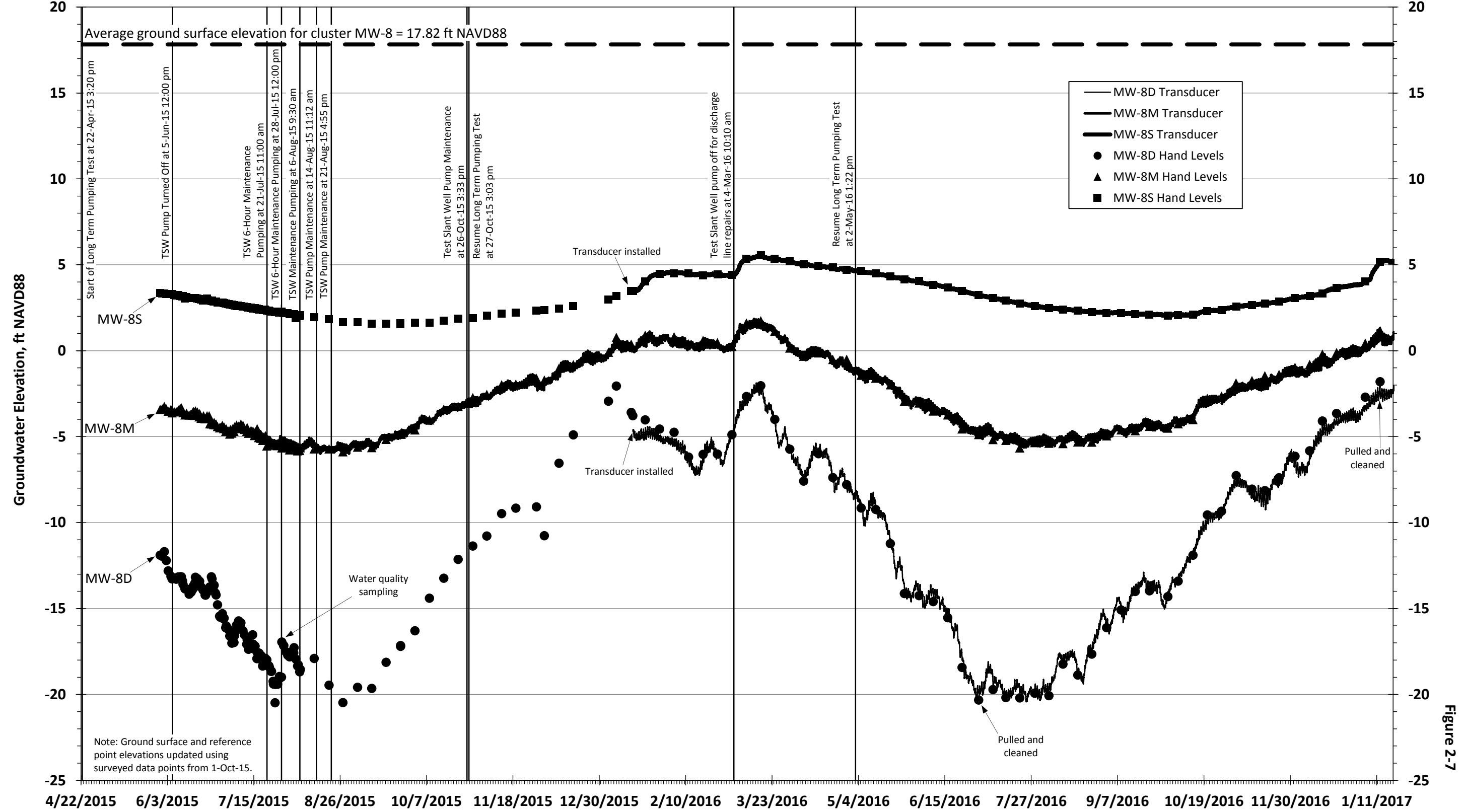
Groundwater Elevation in MPWSP MW-6



Groundwater Elevation in MPWSP MW-7



Groundwater Elevation in MPWSP MW-8



Groundwater Elevation in MPWSP MW-9

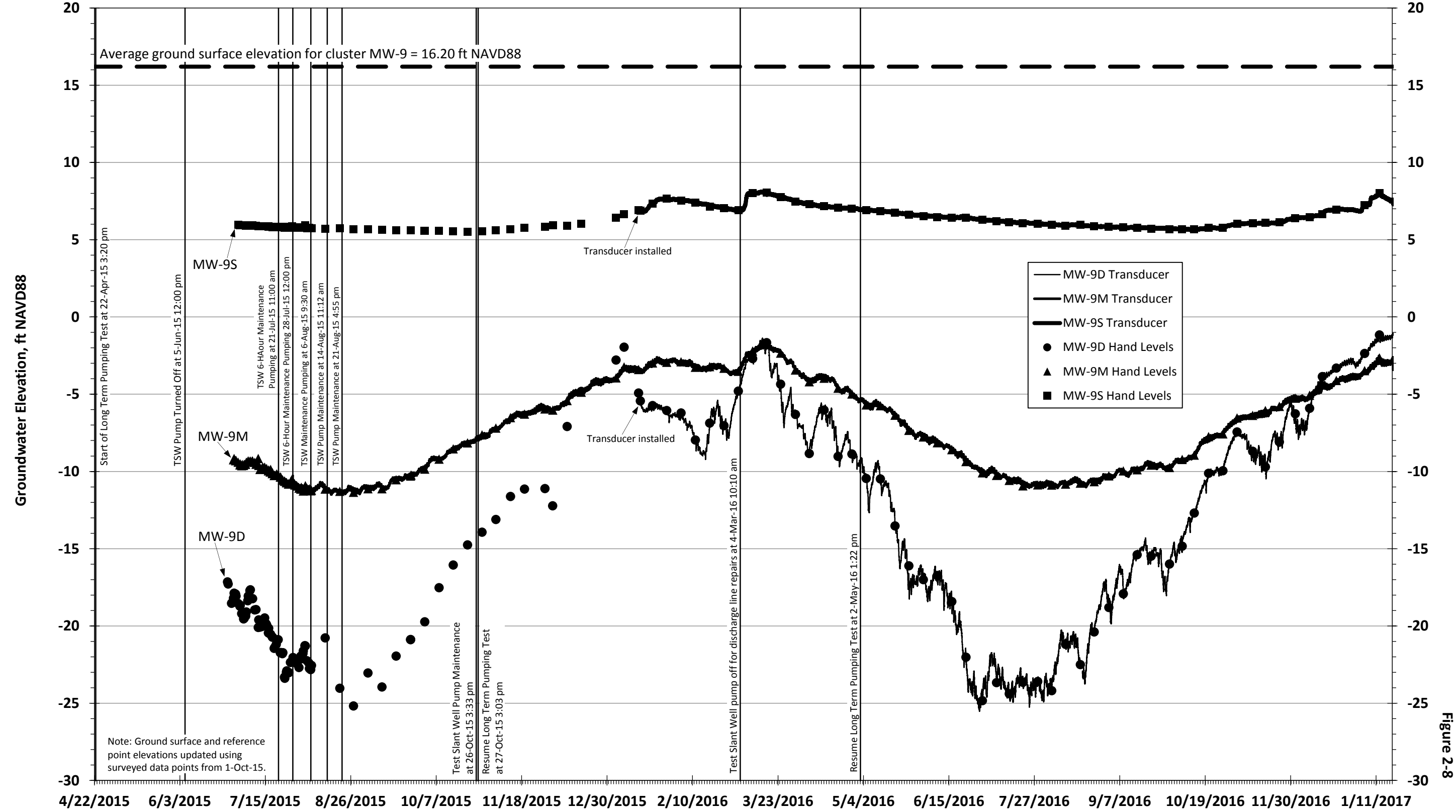


Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

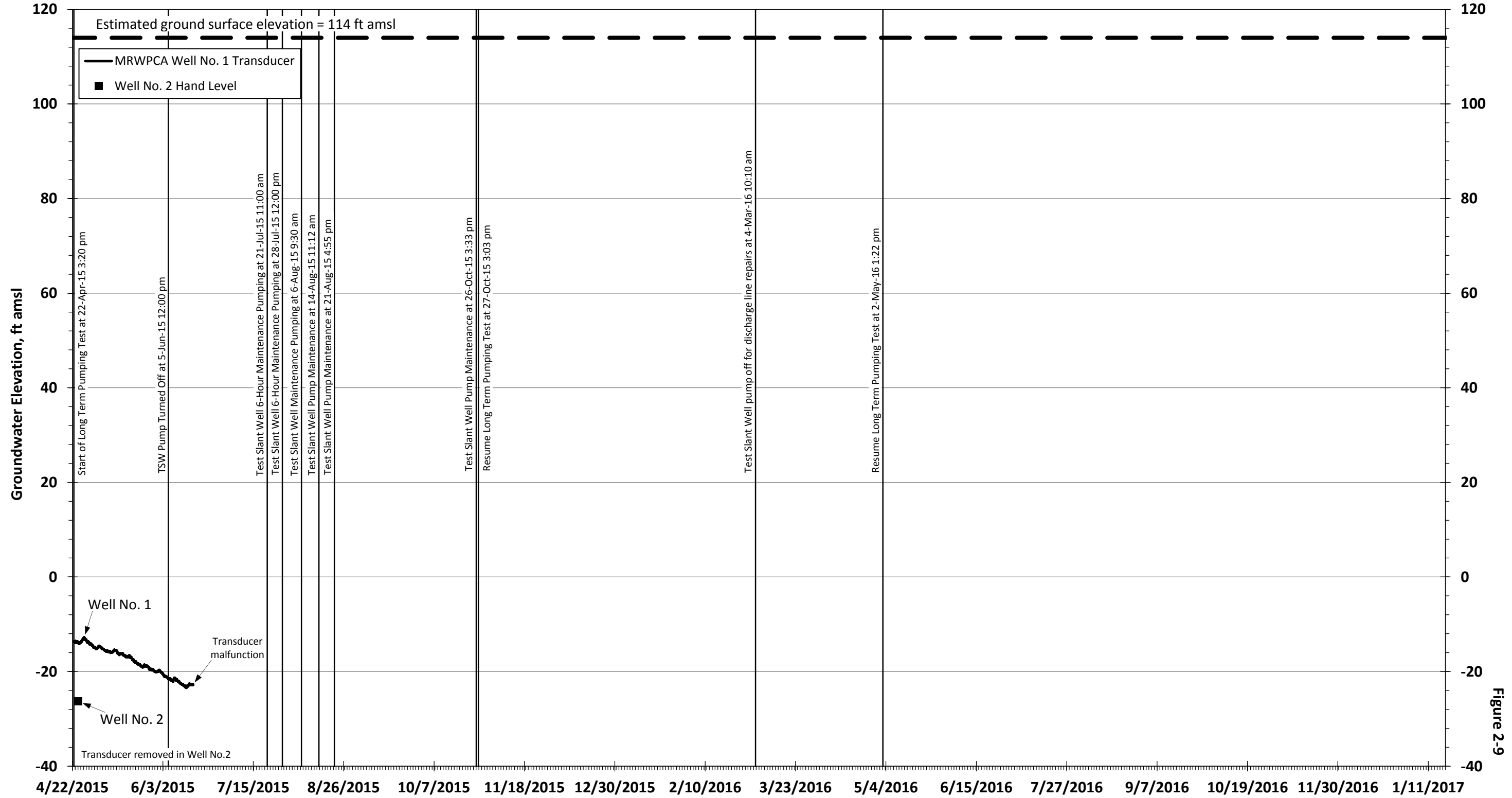


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

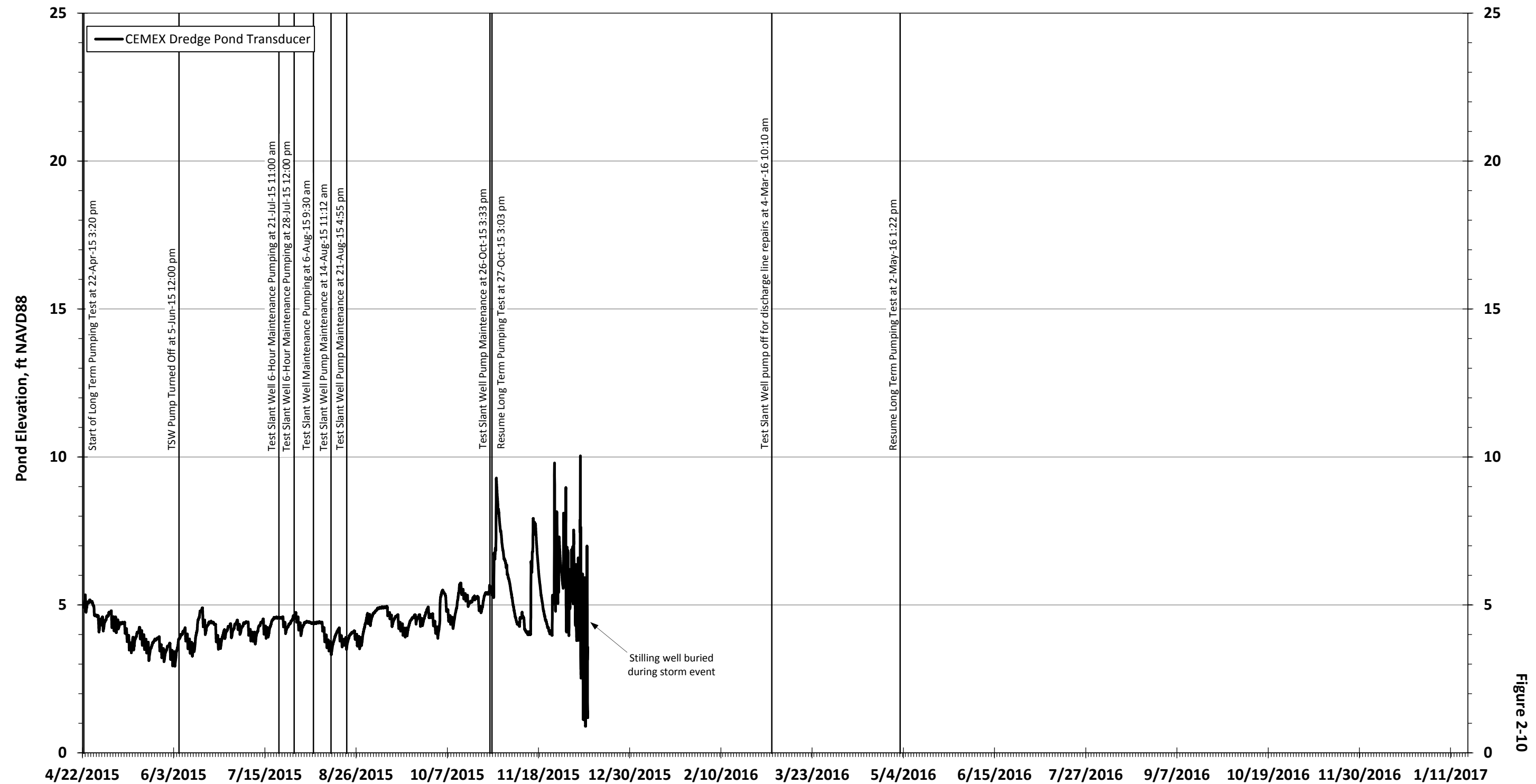


Figure 2-10

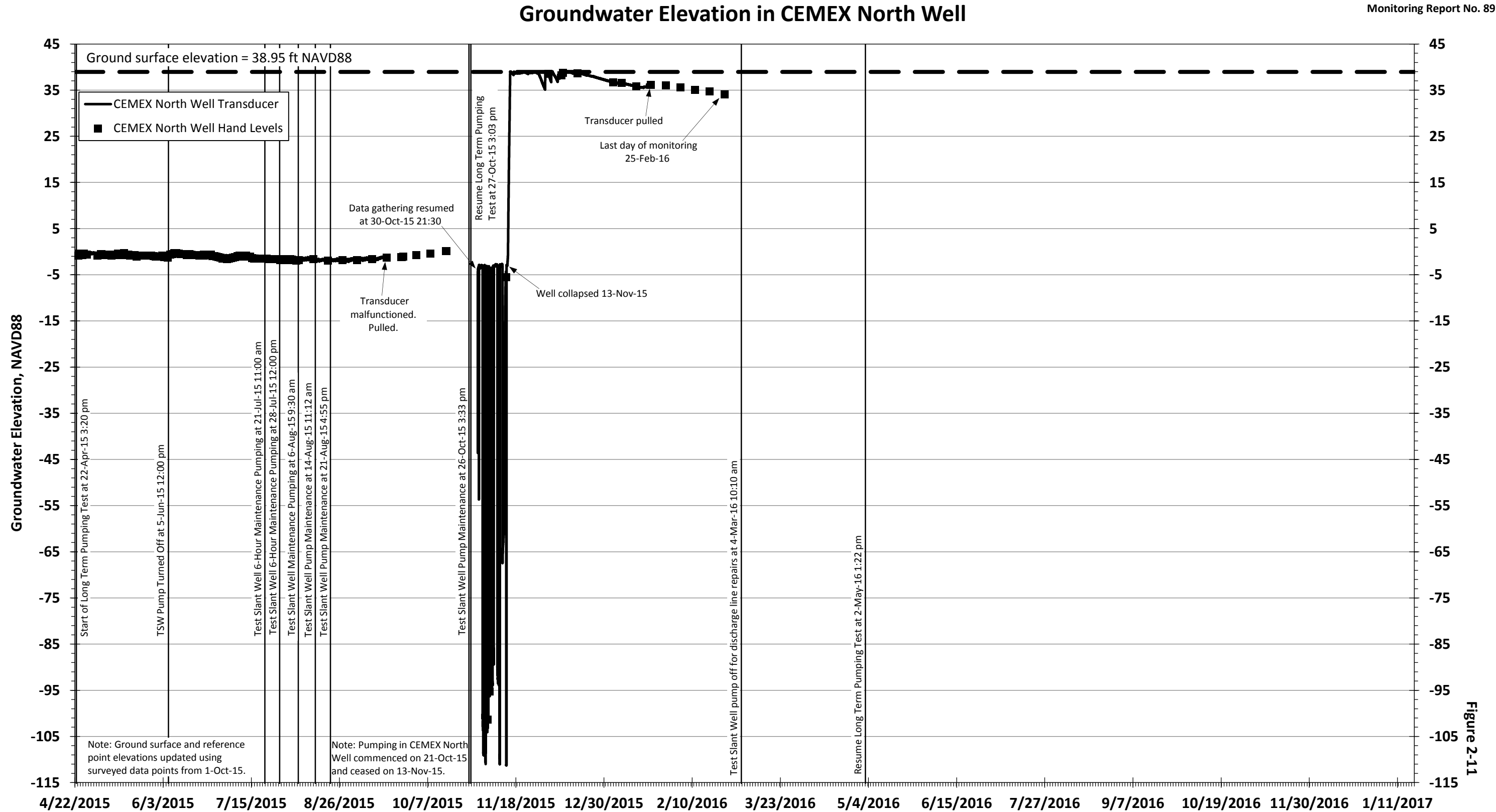
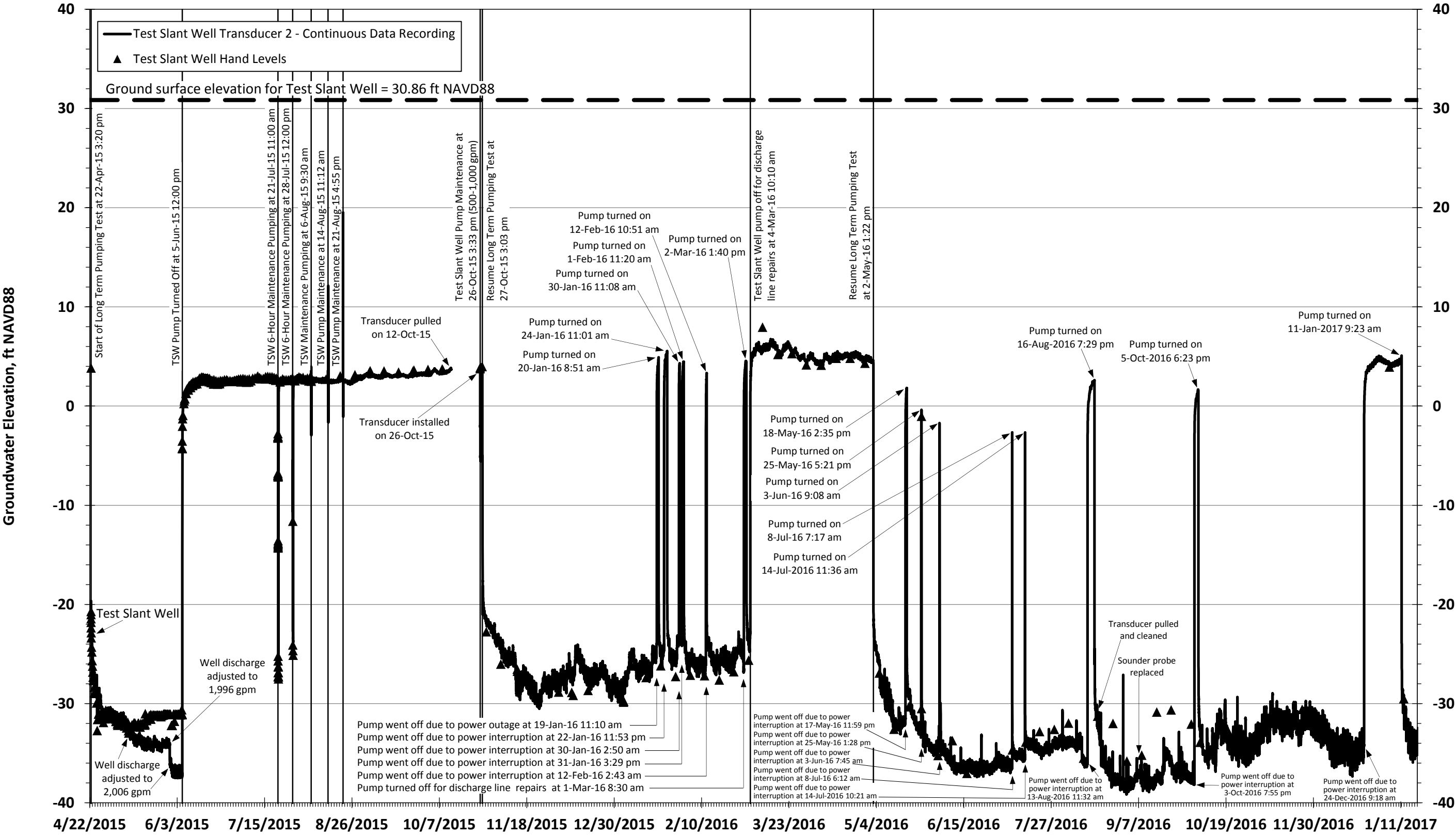


Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well



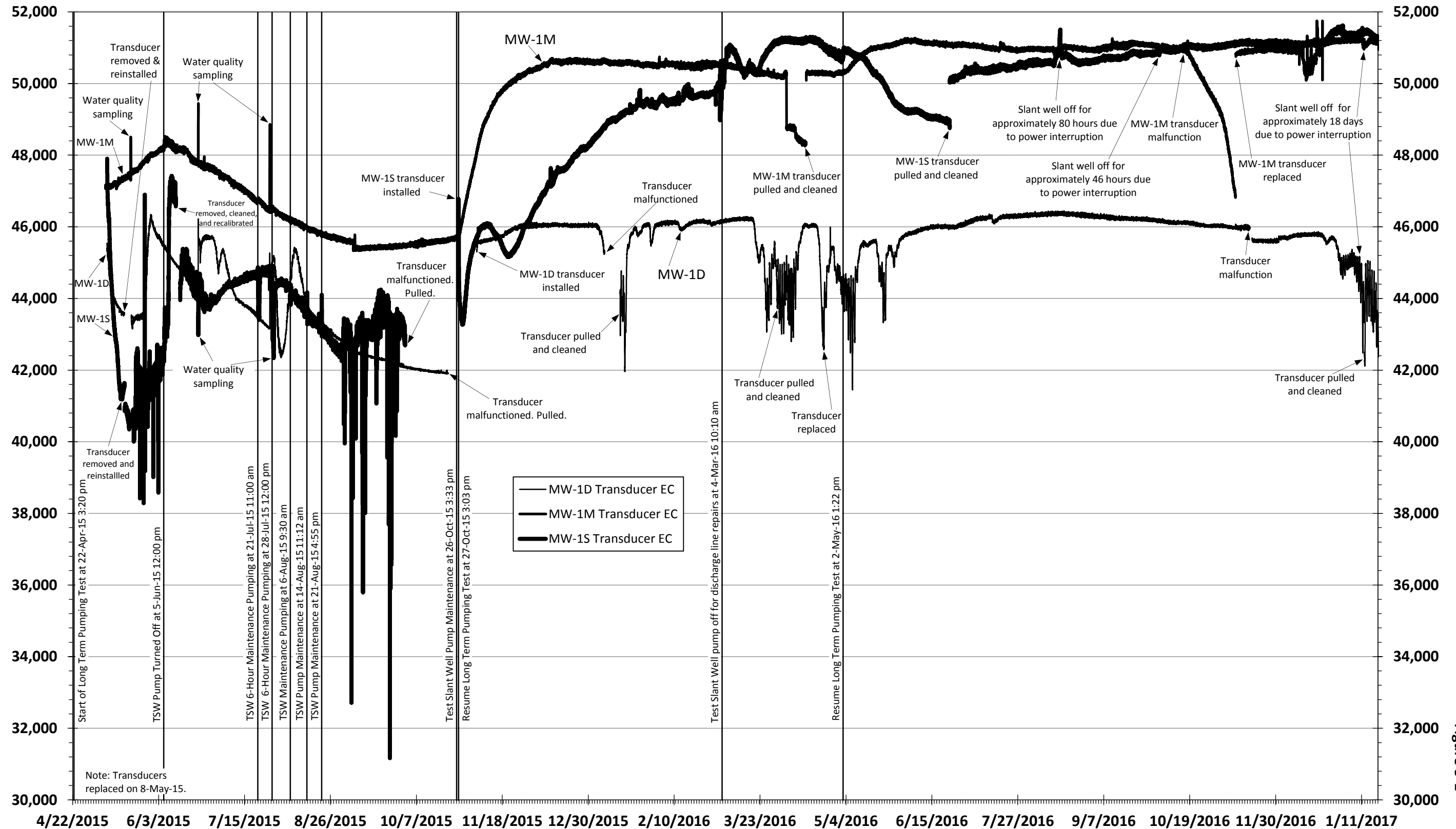
Specific Conductivity, $\mu\text{S}/\text{cm}$ @ 25°C

Figure 3-1

Specific Conductivity in MPWSP MW-3

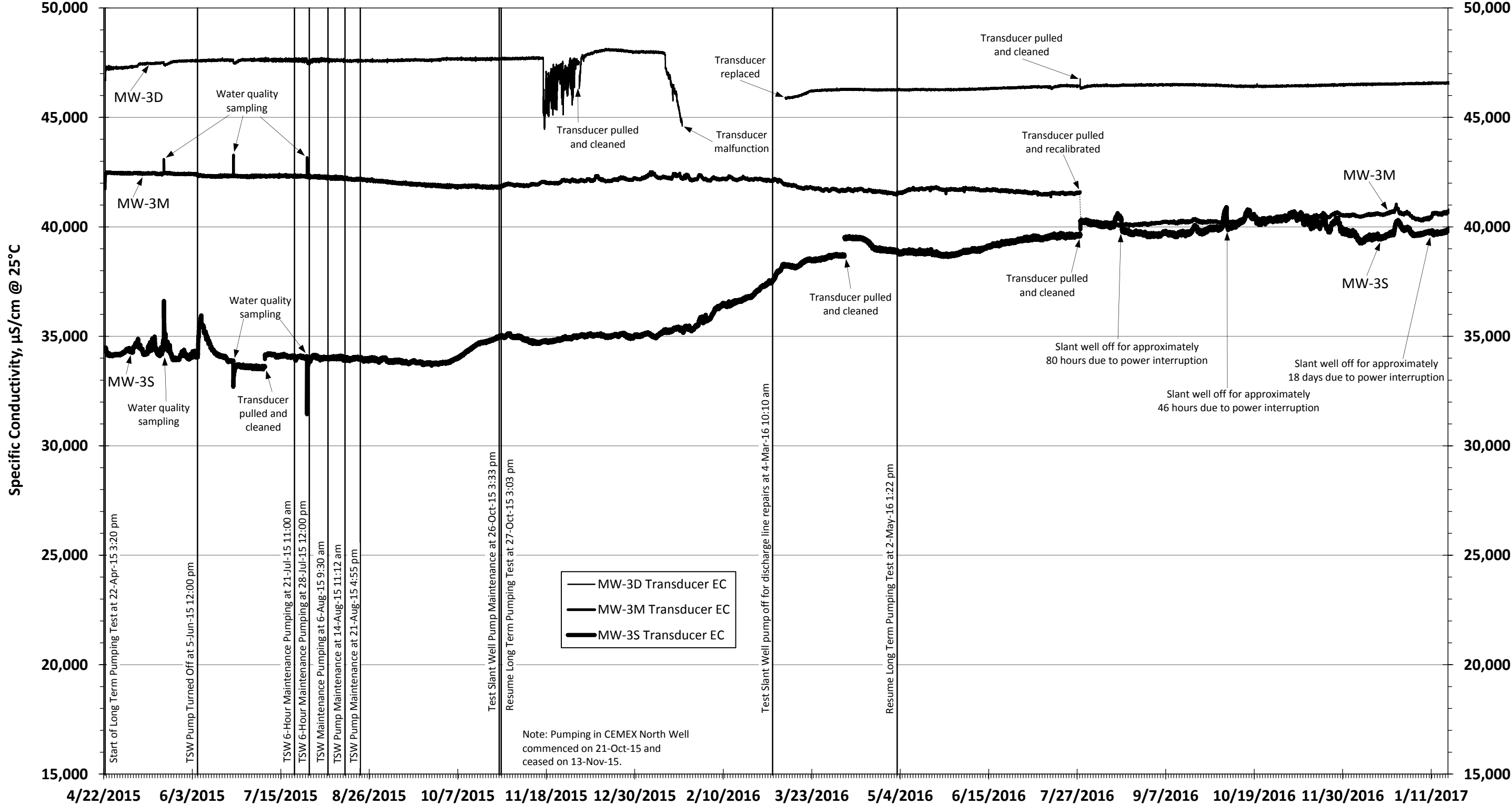


Figure 3-2

Specific Conductivity in MPWSP MW-4

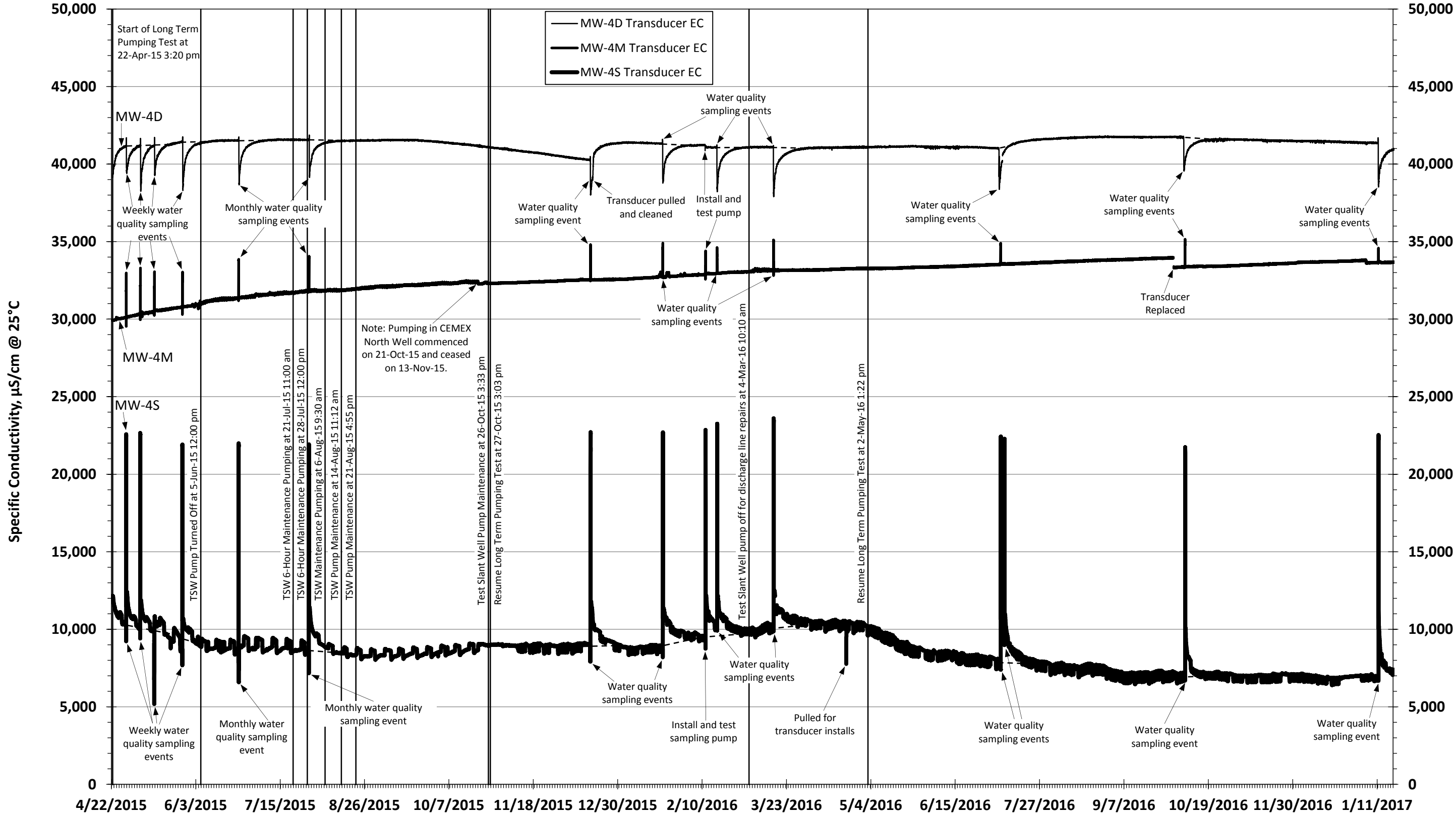
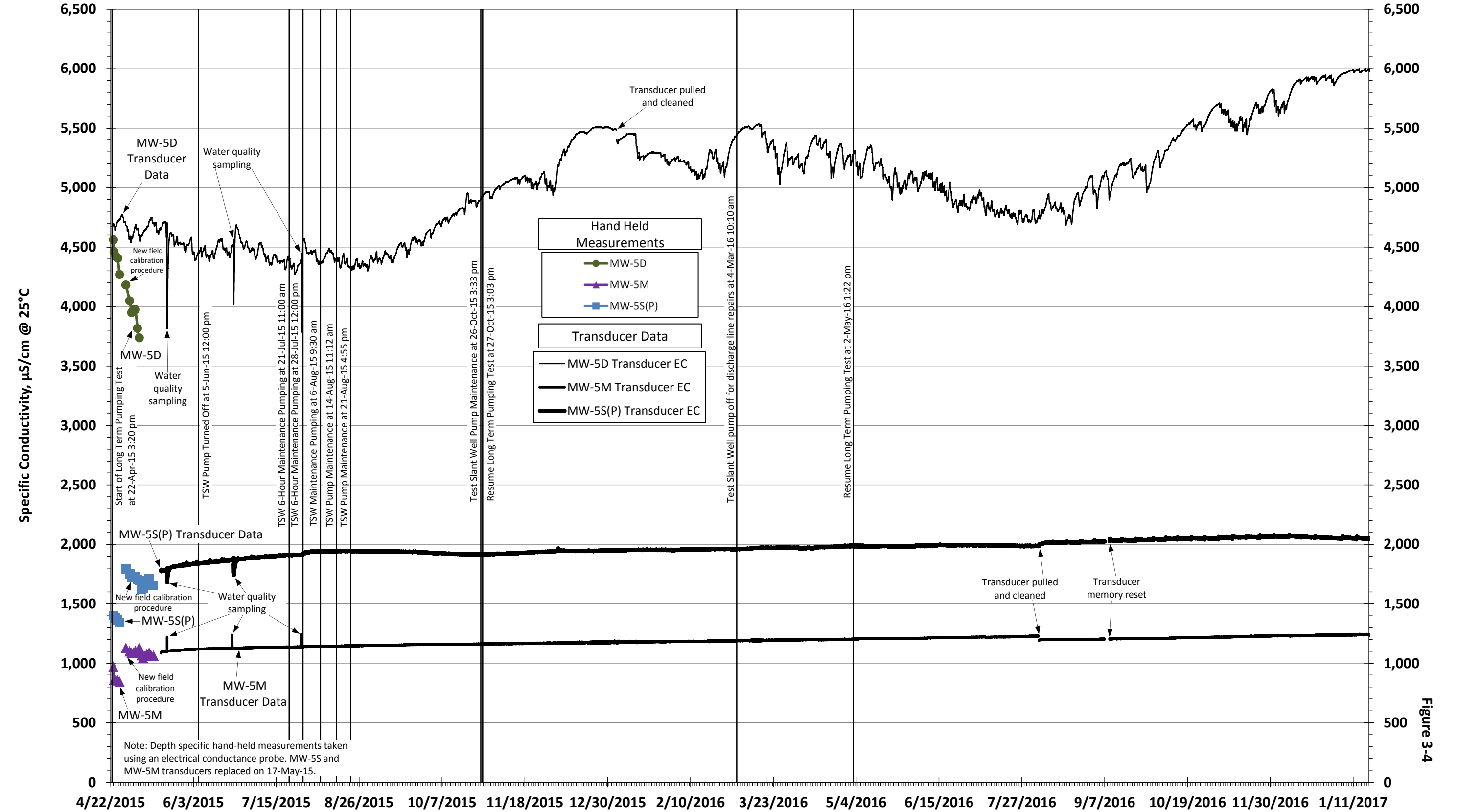


Figure 3-3

Specific Conductivity in MPWSP MW-5



Specific Conductivity in MPWSP MW-6

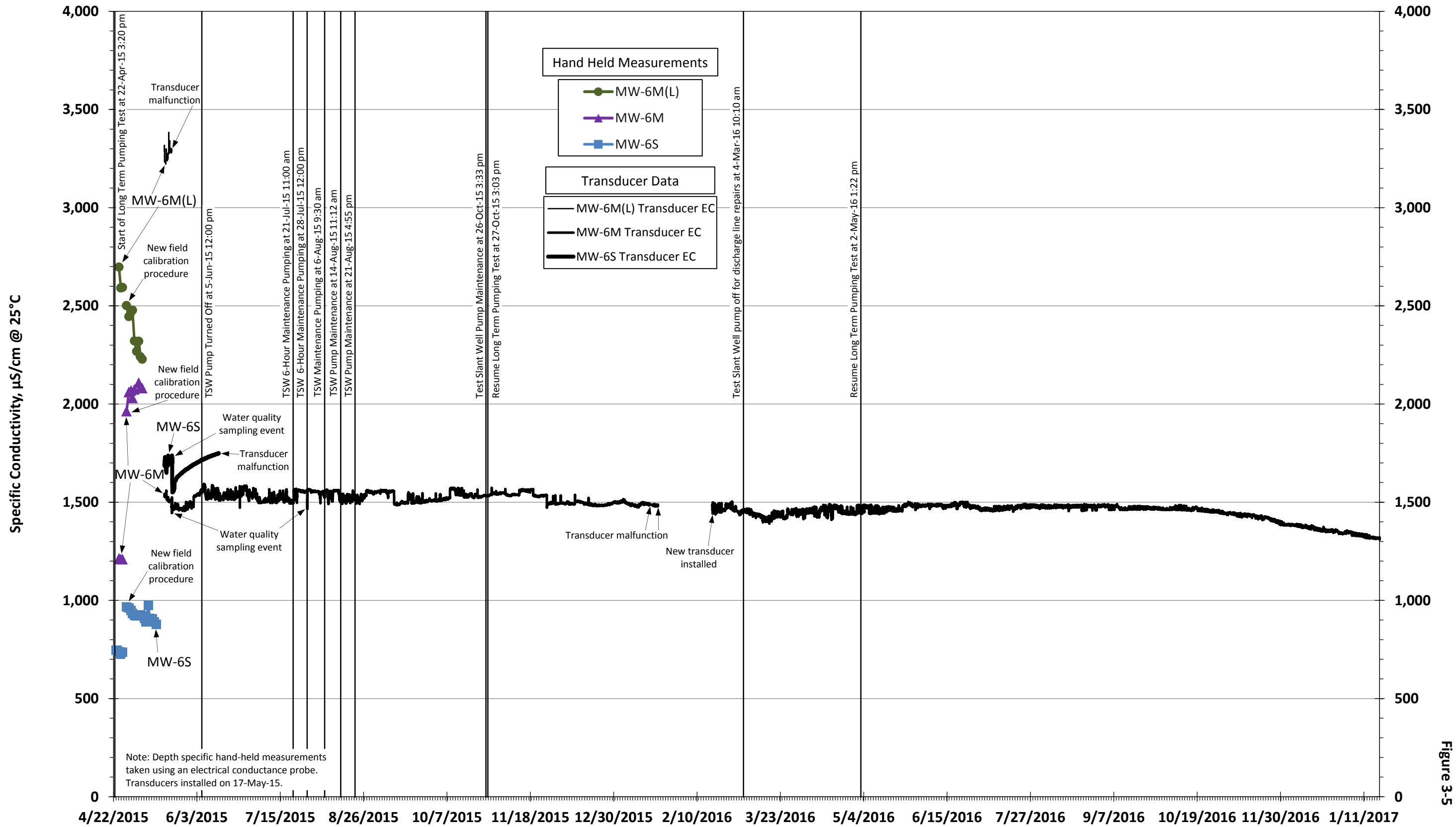
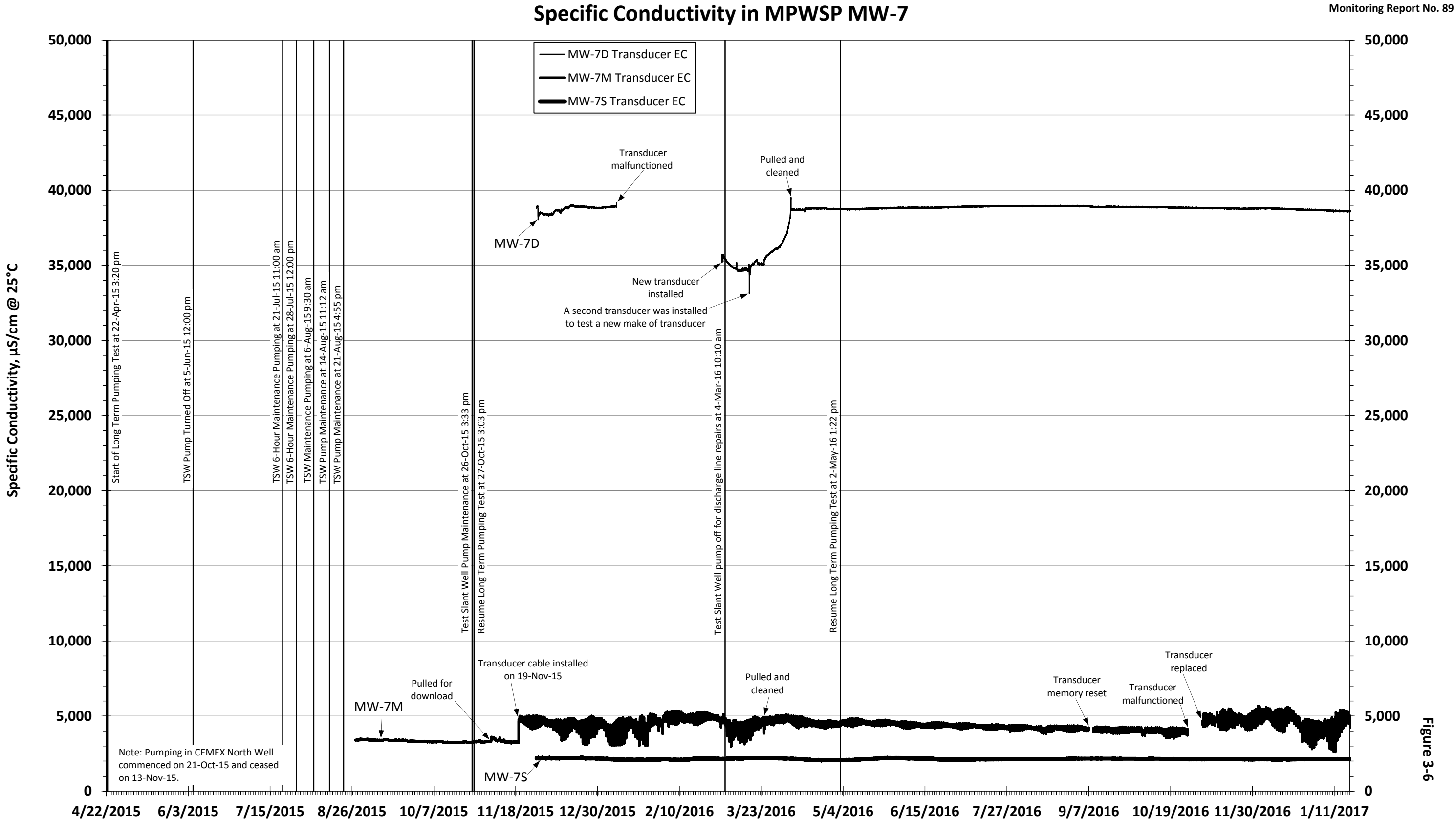


Figure 3-5



Specific Conductivity in MPWSP MW-8

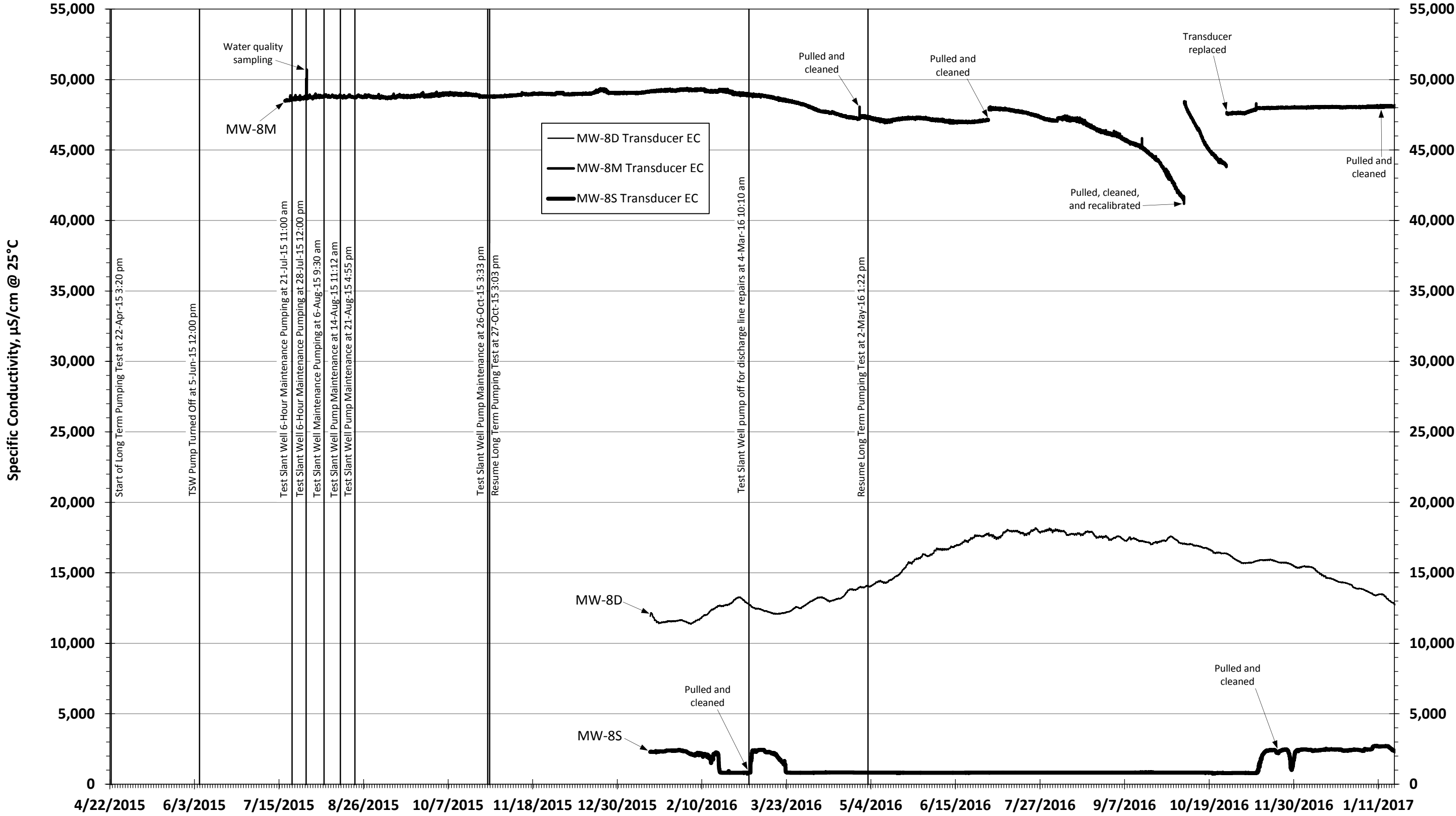


Figure 3-7

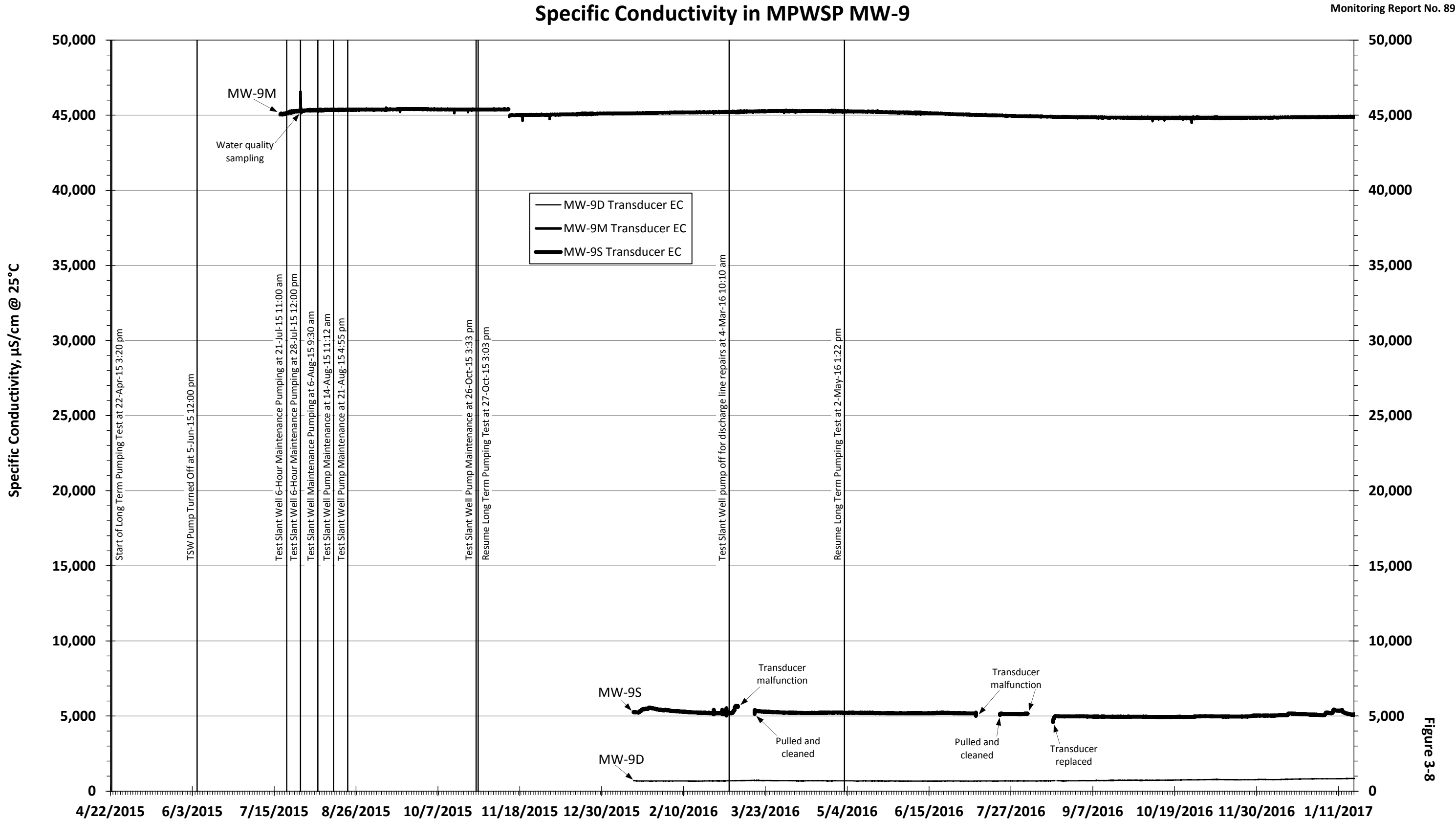


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

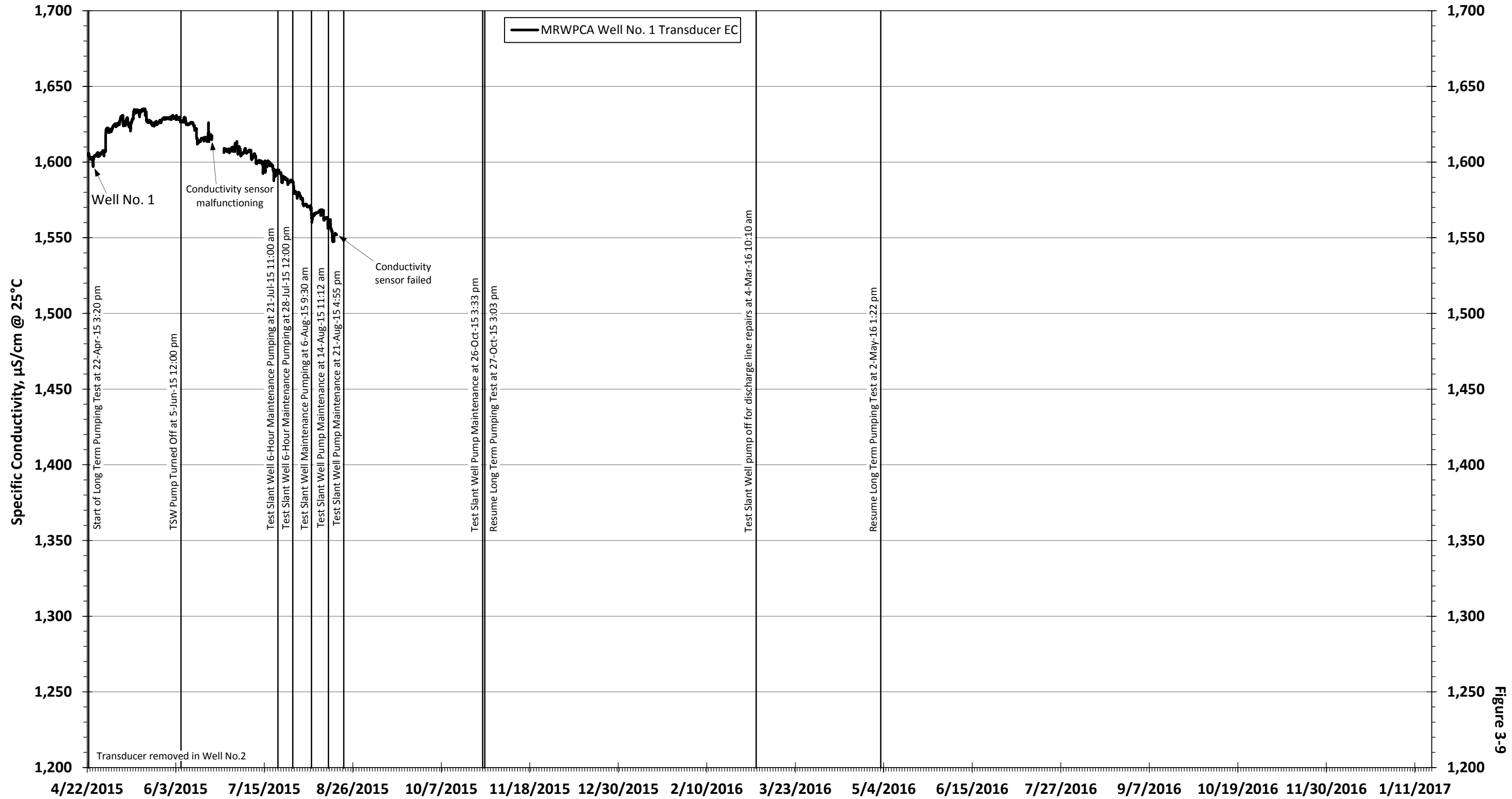
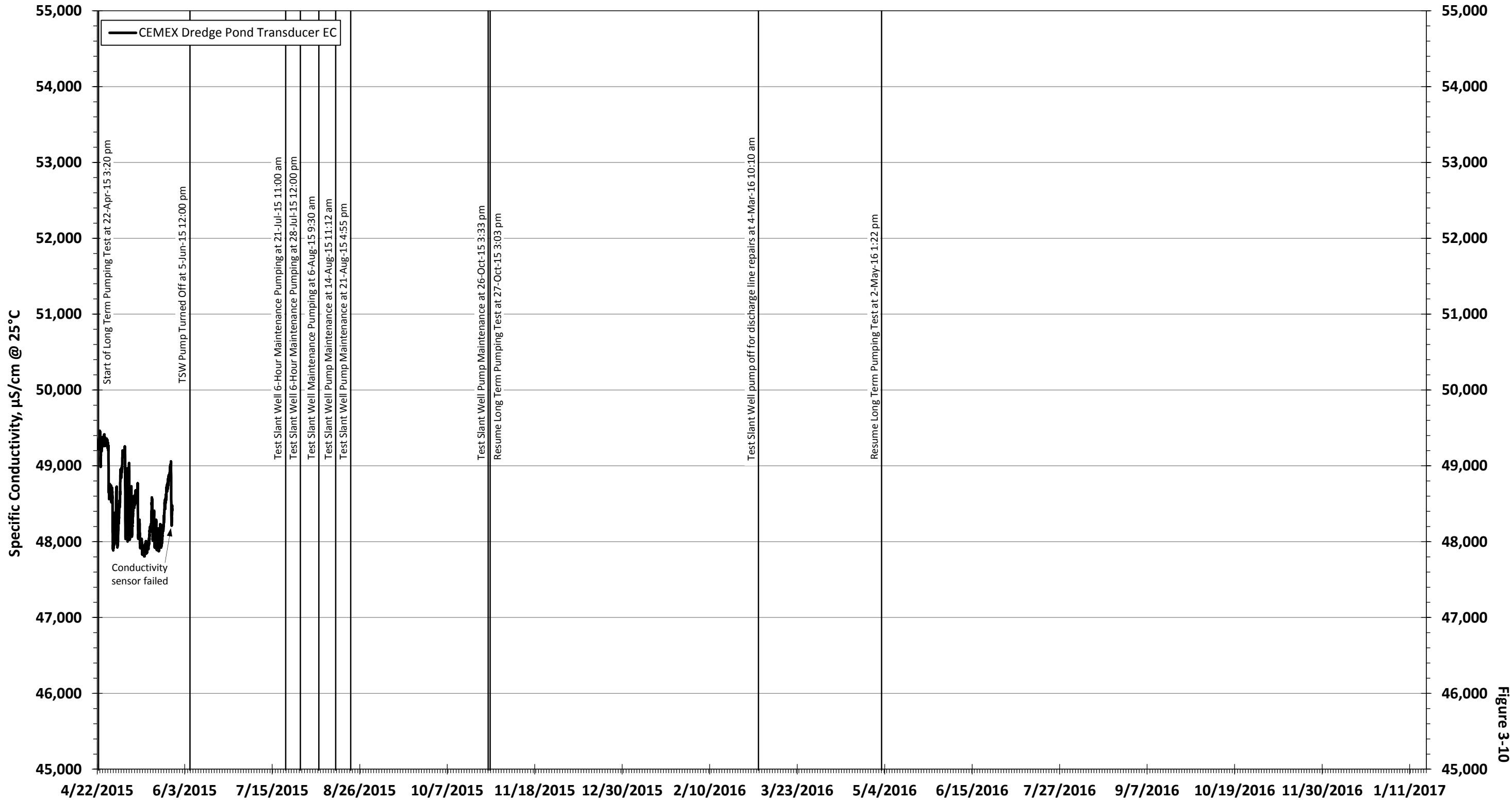


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond



Specific Conductivity in CEMEX North Well

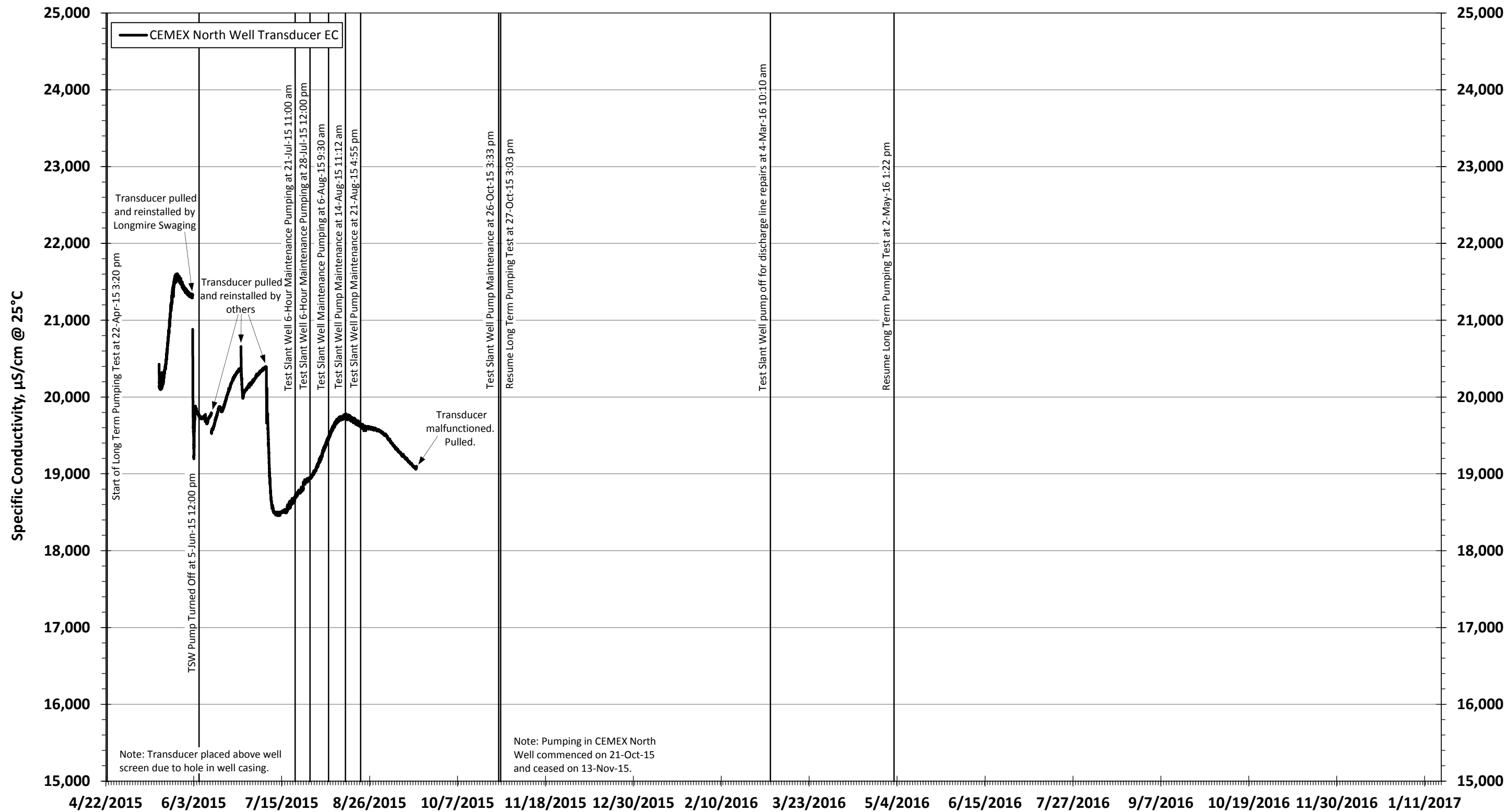


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

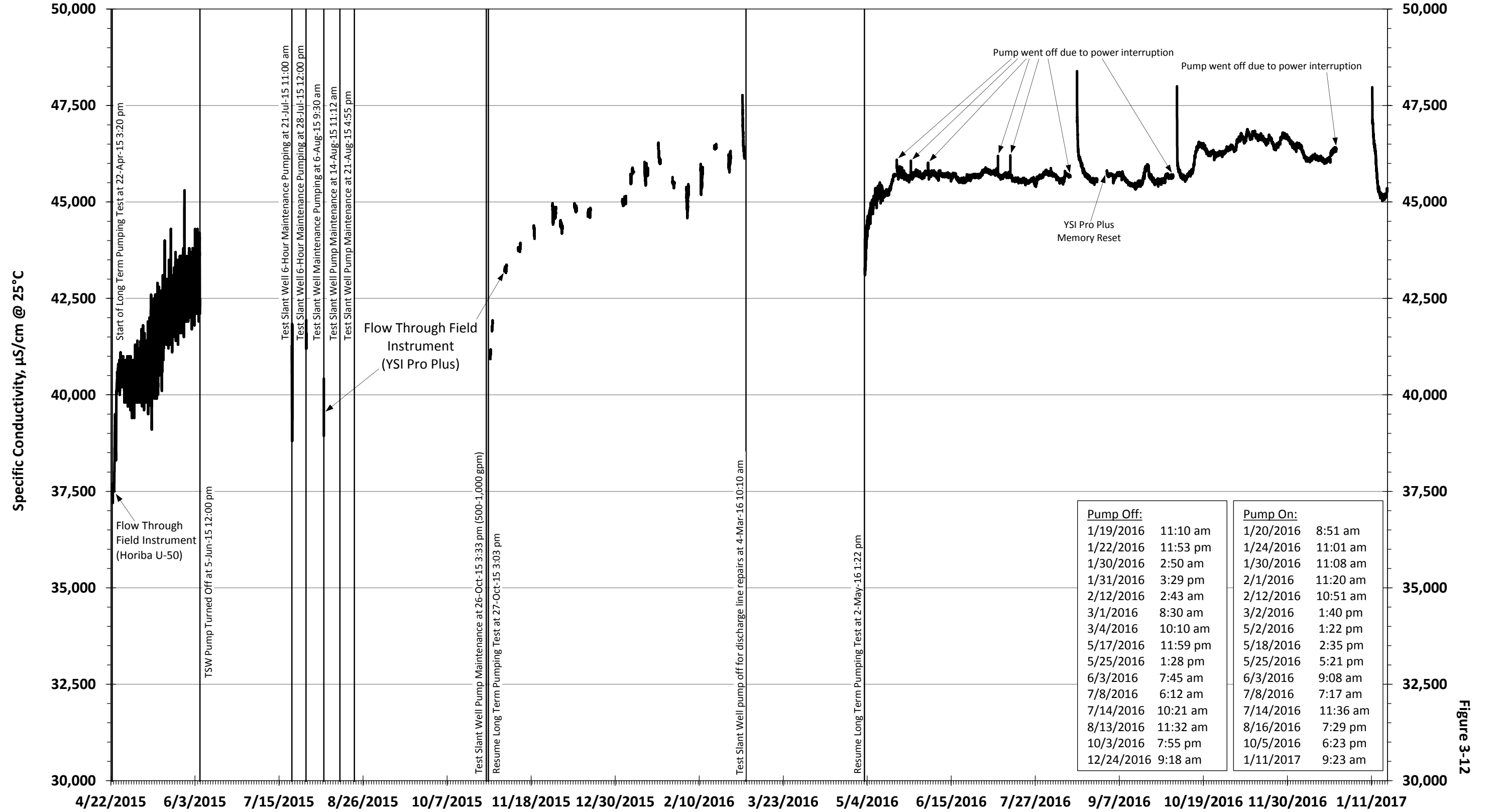


Figure 3-12

TABLES



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 ^d	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	¹ RP/elevation change on May 17, 2015 - New caps	MD: Measured Depth - lineal feet along the angle of the slant well
Vertical Datum:	NAVD88	² RP/elevation change on July 17, 2015 - New caps	GS: Ground Surface - approximate ground surface elevation based on Google Earth
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)		³ RP/elevation change on September 24, 2015 - New caps	
** 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		⁴ Estimated - not surveyed.	

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 = Micograms per Liter
µmhos/cm = Micromhos per Centimeter

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

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

Table 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 = Micograms per Liter
µmhos/cm = Micromhos per Centimeter

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

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

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

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matrix interference caused by high chloride levels. The overstated
values are in laboratory reports through February 11, 2016.
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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
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:			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	55
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	0.26
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	69	ND	65
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	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	540.88	527.60	533.74	528.40	541.73	569.71	518.18
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	ND
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	ND
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	6,800
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
pg/L = Picograms per Liter
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quality reports for RL and PQL values.

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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.

APPENDICES



APPENDIX A-1

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

8-Dec-14



CALIFORNIA COASTAL COMMISSION

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

2. **Liability for Costs and Attorneys Fees.** The Permittee shall reimburse the Coastal Commission in full for all Coastal Commission costs and attorneys fees – including (a) those charged by the Office of the Attorney General; and (b) any court costs and attorneys fees that the Coastal Commission may be required by a court to pay – that the Coastal Commission incurs in connection with the defense of any action brought by a party other than the Permittee against the Coastal Commission, its officers, employees, agents, successors, and assigns challenging the approval or issuance of this permit, the interpretation and/or enforcement of permit conditions, or any other matter related to this permit. The Coastal Commission retains complete authority to conduct and direct the defense of any such action against the Coastal Commission.
3. **Project Construction.** The Permittee shall conduct project construction as described and conditioned herein, including the following measures:
 - a. Project-related construction shall occur only in areas as described in the permit application.
 - b. Project-related construction, including site preparation, equipment staging, and installation or removal of equipment or wells, occurring between February 28 and October 1 of any year is subject to the timing and species protection requirements of Special Condition 14.
 - c. Construction equipment and materials, including project-related debris, shall be placed or stored where it cannot enter a storm drain or coastal waters. The Permittee shall ensure that all construction personnel keep all food-related trash items in sealed containers and remove them daily to discourage the concentration of potential predators in snowy plover habitat. All trash and construction debris shall be removed from work areas and properly disposed of at the end of each work day at an approved upland location. All vegetation removed from the construction site shall be taken to a certified landfill to prevent the spread of invasive species.
 - d. To reduce construction noise, noise attenuation devices (e.g., noise blankets, sound baffles, etc.) shall be installed around all stationary construction equipment, including drill rigs.
 - e. All project vehicles shall maintain speeds of 10 miles per hour or less when at the project site. Prior to moving any vehicle, project personnel shall visually inspect for special-status species under and around the vehicle, and shall notify the on-site biologist should any be detected.
 - f. To avoid predation of special-status species, wire excluders or similar anti-perching devices shall be installed and maintained on the top of all aboveground structures (e.g., electrical panel) to deter perching by avian predators.

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

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

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

5. Hazardous Material Spill Prevention and Response.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13. Protection of Biological Resources – Training of On-site Personnel. Prior to starting construction and decommissioning activities, the approved biologist(s) shall conduct an environmental awareness training for all construction personnel that are on-site during activities. The training shall include, at a minimum, the following:

- o Descriptions of the special-status species with potential to occur in the project area;
- o Habitat requirements and life histories of those species as they relate to the project;
- o Avoidance, minimization, and mitigation measures that will be implemented to avoid impacts to the species and their habitats;
- o Identification of the regulatory agencies and regulations that manage their protection; and,
- o 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 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;
 - performance standards and success criteria to be used;
 - a minimum 3:1 ratio of native plants to be replaced within the affected area;
 - an invasive species control program to be implemented for the duration of the project;
 - the timing of proposed restoration activities;
 - proposed methods to monitor restoration performance and success for at least five years following initiation of the Plan; and
 - identification of all relevant conditions, requirements, and approvals by regulatory agencies needed to implement the Plan.

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

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

16. **Invasive Species Control.** The Permittee shall remove and properly dispose of at a certified landfill all invasive or exotic plants disturbed or removed during project activities. The Permittee shall use existing on-site soils for fill material to the extent feasible. If the use of imported fill material is necessary, the imported material must be obtained from a source that is known to be free of invasive plant species, or the material must consist of purchased clean material.
17. **Posting of Bond.** To ensure timely removal, PRIOR TO COMMENCEMENT OF CONSTRUCTION, the Permittee shall provide to the Commission a surety bond or similar security device acceptable to the Executive Director for \$1,000,000 (one million dollars), and naming the Coastal Commission as the assured, to guarantee the Permittee's compliance with Special Conditions 6 and 15. The surety bond or other security device shall be maintained in full force and effect at all times until Special Conditions 6 and 15 have been met.

APPENDIX A-2

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

13-Oct-15



CALIFORNIA COASTAL COMMISSION

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



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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

A handwritten signature in black ink, appearing to read "Charles Lester", written over the printed name and title.

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.

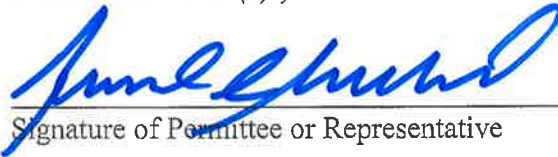
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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).)

Date

10/13/15

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 (“MW4-M”) 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
11-January-17 - 18-January-17



Report Date: 1/20/2017 8:27:42 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_2017-01-19_08-27-52-073-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
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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 -
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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
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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 -
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Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 7:00:00 PM
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10/27/2016 9:42:03 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval -
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11/3/2016 9:12:43 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval -
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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
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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 -
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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
1/19/2017 8:27:03 AM Log Download - Used Battery: 16% Used Memory: 32% User Name: EHernandez Interval -
Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 9:00:00 AM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-
19_14-15-34-875.wsl""

Log Data:
Record Count: 714
Sensors: 2
1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor:
PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor:
PCTD(A) 658.7ft	Sensor: Baro-Adj Calc		

SN#: 438507		SN#: 438507		SN#: 438507	
SN#: 438507		SN#: 438507		SN#: 438507	
SN#: 438507		SN#: 438507		SN#: 438507	
SN#: 438507		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)					
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1/12/2017 12:00:00 AM	7200.000	123.242	19.239		
277.615	39535.434	44424.016	28.959		
30208.332	25.294	1.020	14.679		
1/12/2017 12:15:00 AM	8100.000	123.208	19.237		
277.539	39495.957	44381.238	28.928		
30179.242	25.319	1.020	14.679		
1/12/2017 12:30:00 AM	9000.000	123.210	19.233		
277.543	39450.996	44334.375	28.894		
30147.377	25.348	1.020	14.671		
1/12/2017 12:45:00 AM	9900.000	123.175	19.231		
277.465	39403.113	44282.059	28.856		
30111.803	25.379	1.020	14.669		
1/12/2017 1:00:00 AM	10800.000	123.148	19.228		
277.402	39310.262	44180.930	28.783		
30043.035	25.439	1.020	14.663		
1/12/2017 1:15:00 AM	11700.000	123.124	19.229		
277.348	39243.227	44104.770	28.727		
29991.246	25.482	1.020	14.661		
1/12/2017 1:30:00 AM	12600.000	123.114	19.228		
277.325	39209.801	44068.434	28.701		
29966.537	25.504	1.020	14.663		
1/12/2017 1:45:00 AM	13500.000	123.059	19.227		
277.203	39110.879	43958.078	28.621		
29891.494	25.568	1.020	14.660		
1/12/2017 2:00:00 AM	14400.000	123.078	19.225		
277.244	39055.363	43897.086	28.577		
29850.021	25.605	1.020	14.658		
1/12/2017 2:15:00 AM	15300.000	123.037	19.225		
277.152	38967.047	43798.387	28.505		
29782.904	25.663	1.020	14.663		
1/12/2017 2:30:00 AM	16200.000	123.004	19.223		
277.078	38936.461	43765.820	28.482		
29760.760	25.683	1.020	14.668		
1/12/2017 2:45:00 AM	17100.000	122.970	19.224		
277.002	38875.848	43696.703	28.432		
29713.758	25.723	1.020	14.665		
1/12/2017 3:00:00 AM	18000.000	122.959	19.224		
276.976	38780.293	43589.051	28.354		
29640.557	25.786	1.020	14.667		
1/12/2017 3:15:00 AM	18900.000	122.928	19.226		
276.907	38742.660	43545.367	28.322		
29610.852	25.811	1.020	14.659		
1/12/2017 3:30:00 AM	19800.000	122.982	19.222		

277.030	38686.617	43485.887	28.279
29570.404	25.849	1.020	14.654
1/12/2017 3:45:00 AM	20700.000	122.980	19.221
277.025	38675.766	43474.090	28.271
29562.381	25.856	1.020	14.666
1/12/2017 4:00:00 AM	21600.000	122.985	19.225
277.036	38617.383	43404.637	28.221
29515.154	25.895	1.020	14.655
1/12/2017 4:15:00 AM	22500.000	122.994	19.220
277.057	38614.984	43407.152	28.222
29516.865	25.897	1.020	14.657
1/12/2017 4:30:00 AM	23400.000	123.011	19.220
277.095	38576.746	43364.246	28.191
29487.688	25.922	1.020	14.656
1/12/2017 4:45:00 AM	24300.000	123.058	19.219
277.201	38582.508	43371.055	28.196
29492.318	25.918	1.020	14.651
1/12/2017 5:00:00 AM	25200.000	123.078	19.222
277.244	38589.191	43376.043	28.200
29495.711	25.914	1.020	14.651
1/12/2017 5:15:00 AM	26100.000	123.097	19.222
277.289	38548.551	43330.691	28.167
29464.873	25.941	1.020	14.654
1/12/2017 5:30:00 AM	27000.000	123.152	19.222
277.411	38564.852	43349.016	28.180
29477.332	25.930	1.020	14.651
1/12/2017 5:45:00 AM	27900.000	123.198	19.212
277.516	38549.895	43341.531	28.174
29472.244	25.940	1.020	14.648
1/12/2017 6:00:00 AM	28800.000	123.185	19.203
277.486	38530.250	43327.723	28.164
29462.852	25.954	1.020	14.656
1/12/2017 6:15:00 AM	29700.000	123.256	19.202
277.646	38556.281	43357.410	28.186
29483.039	25.936	1.020	14.657
1/12/2017 6:30:00 AM	30600.000	123.305	19.211
277.757	38543.492	43334.902	28.170
29467.734	25.945	1.020	14.650
1/12/2017 6:45:00 AM	31500.000	123.365	19.240
277.891	38626.012	43401.172	28.219
29512.799	25.889	1.020	14.658
1/12/2017 7:00:00 AM	32400.000	123.433	19.245
278.044	38707.965	43487.887	28.282
29571.766	25.834	1.020	14.663
1/12/2017 7:15:00 AM	33300.000	123.465	19.246
278.117	38738.453	43521.078	28.306
29594.336	25.814	1.020	14.660
1/12/2017 7:30:00 AM	34200.000	123.489	19.246
278.171	38825.848	43619.344	28.377
29661.156	25.756	1.020	14.668
1/12/2017 7:45:00 AM	35100.000	123.538	19.247
278.280	38858.516	43655.230	28.403
29685.559	25.734	1.020	14.676
1/12/2017 8:00:00 AM	36000.000	123.606	19.248
278.435	38895.102	43695.594	28.432

29713.006	25.710	1.020	14.675
1/12/2017 8:15:00 AM	36900.000	123.623	19.249
278.472	38977.500	43787.336	28.498
29775.391	25.656	1.020	14.682
1/12/2017 8:30:00 AM	37800.000	123.699	19.250
278.644	39037.375	43853.453	28.546
29820.350	25.616	1.020	14.690
1/12/2017 8:45:00 AM	38700.000	123.714	19.253
278.678	39046.602	43861.348	28.552
29825.719	25.610	1.020	14.690
1/12/2017 9:00:00 AM	39600.000	123.697	19.276
278.641	39100.988	43900.184	28.581
29852.127	25.575	1.020	14.702
1/12/2017 9:15:00 AM	40500.000	123.741	19.271
278.739	39113.793	43919.406	28.595
29865.197	25.566	1.020	14.693
1/12/2017 9:30:00 AM	41400.000	0.254	13.321
0.572	10049.716	12935.154	7.451
8795.906	99.505	1.005	14.694
1/12/2017 9:45:00 AM	42300.000	0.443	12.460
0.997	38603.988	50761.930	33.094
34518.117	25.904	1.025	14.710
1/12/2017 10:00:00 AM	43200.000	123.826	19.102
278.930	37713.719	42501.691	27.564
28901.152	26.516	1.019	14.705
1/12/2017 10:15:00 AM	44100.000	123.794	19.235
278.859	37812.777	42491.145	27.562
28893.980	26.446	1.019	14.706
1/12/2017 10:30:00 AM	45000.000	123.782	19.237
278.832	37767.477	42439.195	27.525
28858.654	26.478	1.019	14.706
1/12/2017 10:45:00 AM	45900.000	123.733	19.232
278.721	37737.410	42409.555	27.503
28838.500	26.499	1.019	14.711
1/12/2017 11:00:00 AM	46800.000	123.720	19.234
278.692	37780.480	42455.797	27.536
28869.943	26.469	1.019	14.705
1/12/2017 11:15:00 AM	47700.000	123.668	19.235
278.573	37727.008	42395.152	27.493
28828.705	26.506	1.019	14.704
1/12/2017 11:30:00 AM	48600.000	123.629	19.233
278.486	37692.109	42357.449	27.466
28803.068	26.531	1.019	14.712
1/12/2017 11:45:00 AM	49500.000	123.568	19.232
278.349	37677.730	42342.711	27.455
28793.045	26.541	1.019	14.705
1/12/2017 12:00:00 PM	50400.000	123.497	19.234
278.188	37595.133	42247.996	27.387
28728.637	26.599	1.019	14.703
1/12/2017 12:15:00 PM	51300.000	123.449	19.231
278.082	37605.727	42262.344	27.397
28738.396	26.592	1.019	14.701
1/12/2017 12:30:00 PM	52200.000	123.375	19.233
277.915	37561.270	42210.965	27.360
28703.459	26.623	1.019	14.701

1/12/2017 12:45:00 PM	53100.000	123.306	19.233
277.758	37554.457	42203.309	27.355
28698.252	26.628	1.019	14.695
1/12/2017 1:00:00 PM	54000.000	123.228	19.234
277.584	37521.180	42164.648	27.327
28671.963	26.652	1.019	14.697
1/12/2017 1:15:00 PM	54900.000	123.154	19.233
277.417	37505.715	42148.066	27.315
28660.686	26.663	1.019	14.699
1/12/2017 1:30:00 PM	55800.000	123.082	19.230
277.255	37496.816	42141.227	27.310
28656.037	26.669	1.019	14.694
1/12/2017 1:45:00 PM	56700.000	123.007	19.229
277.086	37476.156	42118.469	27.293
28640.561	26.684	1.019	14.697
1/12/2017 2:00:00 PM	57600.000	122.881	19.226
276.802	37495.117	42142.379	27.310
28656.820	26.670	1.019	14.699
1/12/2017 2:15:00 PM	58500.000	122.842	19.229
276.713	37472.895	42114.891	27.291
28638.127	26.686	1.019	14.692
1/12/2017 2:30:00 PM	59400.000	122.769	19.231
276.548	37482.676	42124.457	27.298
28644.633	26.679	1.019	14.698
1/12/2017 2:45:00 PM	60300.000	122.725	19.228
276.450	37496.773	42143.063	27.311
28657.283	26.669	1.019	14.695
1/12/2017 3:00:00 PM	61200.000	122.650	19.223
276.282	37526.809	42180.930	27.338
28683.035	26.648	1.019	14.701
1/12/2017 3:15:00 PM	62100.000	122.617	19.221
276.207	37509.867	42163.461	27.325
28671.156	26.660	1.019	14.703
1/12/2017 3:30:00 PM	63000.000	122.578	19.213
276.118	37556.633	42223.387	27.368
28711.904	26.626	1.019	14.701
1/12/2017 3:45:00 PM	63900.000	122.491	19.208
275.922	37558.945	42230.891	27.373
28717.006	26.625	1.019	14.704
1/12/2017 4:00:00 PM	64800.000	122.480	19.199
275.898	37589.391	42273.285	27.404
28745.836	26.603	1.019	14.707
1/12/2017 4:15:00 PM	65700.000	122.443	19.195
275.815	37633.676	42326.414	27.442
28781.961	26.572	1.019	14.706
1/12/2017 4:30:00 PM	66600.000	122.437	19.211
275.801	37668.176	42350.941	27.460
28798.641	26.548	1.019	14.710
1/12/2017 4:45:00 PM	67500.000	122.431	19.239
275.788	37741.680	42407.676	27.502
28837.221	26.496	1.019	14.705
1/12/2017 5:00:00 PM	68400.000	122.423	19.242
275.770	37868.395	42547.430	27.603
28932.252	26.407	1.019	14.706
1/12/2017 5:15:00 PM	69300.000	122.403	19.243

275.725	37952.406	42641.094	27.670
28995.945	26.349	1.019	14.713
1/12/2017 5:30:00 PM	70200.000	122.429	19.242
275.783	38049.895	42751.270	27.750
29070.863	26.281	1.019	14.701
1/12/2017 5:45:00 PM	71100.000	122.431	19.242
275.788	38137.762	42850.398	27.821
29138.273	26.221	1.019	14.712
1/12/2017 6:00:00 PM	72000.000	122.456	19.242
275.844	38254.820	42982.160	27.916
29227.871	26.140	1.020	14.705
1/12/2017 6:15:00 PM	72900.000	122.466	19.242
275.867	38349.992	43089.012	27.993
29300.529	26.076	1.020	14.718
1/12/2017 6:30:00 PM	73800.000	122.520	19.241
275.989	38426.961	43176.547	28.056
29360.055	26.023	1.020	14.710
1/12/2017 6:45:00 PM	74700.000	122.559	19.241
276.077	38539.449	43303.012	28.148
29446.051	25.947	1.020	14.719
1/12/2017 7:00:00 PM	75600.000	122.594	19.240
276.156	38620.754	43394.535	28.214
29508.287	25.893	1.020	14.725
1/12/2017 7:15:00 PM	76500.000	122.652	19.239
276.285	38767.035	43560.035	28.334
29620.824	25.795	1.020	14.725
1/12/2017 7:30:00 PM	77400.000	122.703	19.239
276.401	38823.230	43623.516	28.379
29663.992	25.758	1.020	14.726
1/12/2017 7:45:00 PM	78300.000	122.753	19.238
276.513	38928.820	43742.563	28.466
29744.945	25.688	1.020	14.731
1/12/2017 8:00:00 PM	79200.000	122.813	19.237
276.649	39027.703	43854.500	28.546
29821.063	25.623	1.020	14.735
1/12/2017 8:15:00 PM	80100.000	122.876	19.237
276.790	39112.813	43950.613	28.616
29886.420	25.567	1.020	14.734
1/12/2017 8:30:00 PM	81000.000	122.926	19.237
276.904	39178.691	44024.973	28.670
29936.982	25.524	1.020	14.740
1/12/2017 8:45:00 PM	81900.000	122.979	19.236
277.023	39247.398	44102.355	28.726
29989.604	25.479	1.020	14.741
1/12/2017 9:00:00 PM	82800.000	123.040	19.235
277.160	39301.180	44164.105	28.771
30031.594	25.445	1.020	14.733
1/12/2017 9:15:00 PM	83700.000	123.085	19.235
277.261	39382.023	44255.379	28.837
30093.660	25.392	1.020	14.736
1/12/2017 9:30:00 PM	84600.000	123.111	19.234
277.319	39473.922	44358.977	28.912
30164.104	25.333	1.020	14.744
1/12/2017 9:45:00 PM	85500.000	123.187	19.234
277.492	39537.352	44430.668	28.964

30212.855	25.293	1.020	14.741
1/12/2017 10:00:00 PM	86400.000	123.231	19.233
277.589	39572.906	44471.789	28.994
30240.818	25.270	1.020	14.740
1/12/2017 10:15:00 PM	87300.000	123.250	19.232
277.632	39614.820	44519.402	29.028
30273.195	25.243	1.020	14.751
1/12/2017 10:30:00 PM	88200.000	123.277	19.232
277.694	39651.684	44561.238	29.058
30301.643	25.220	1.020	14.749
1/12/2017 10:45:00 PM	89100.000	123.301	19.231
277.747	39729.395	44649.148	29.122
30361.424	25.170	1.020	14.747
1/12/2017 11:00:00 PM	90000.000	123.318	19.230
277.787	39751.313	44674.789	29.141
30378.859	25.156	1.020	14.754
1/12/2017 11:15:00 PM	90900.000	123.347	19.229
277.851	39803.844	44734.492	29.184
30419.457	25.123	1.021	14.755
1/12/2017 11:30:00 PM	91800.000	123.340	19.230
277.835	39838.102	44772.586	29.212
30445.359	25.102	1.021	14.752
1/12/2017 11:45:00 PM	92700.000	123.345	19.231
277.847	39893.285	44833.012	29.256
30486.449	25.067	1.021	14.750
1/13/2017 12:00:00 AM	93600.000	123.341	19.243
277.838	39932.195	44865.559	29.280
30508.582	25.042	1.021	14.752
1/13/2017 12:15:00 AM	94500.000	123.316	19.259
277.781	40003.035	44929.496	29.327
30552.059	24.998	1.021	14.756
1/13/2017 12:30:00 AM	95400.000	123.315	19.260
277.779	39982.316	44905.305	29.310
30535.607	25.011	1.021	14.751
1/13/2017 12:45:00 AM	96300.000	123.304	19.252
277.754	40015.133	44950.078	29.342
30566.053	24.991	1.021	14.747
1/13/2017 1:00:00 AM	97200.000	123.270	19.253
277.679	40002.969	44935.063	29.331
30555.846	24.998	1.021	14.754
1/13/2017 1:15:00 AM	98100.000	123.251	19.244
277.636	40033.684	44978.156	29.362
30585.148	24.979	1.021	14.759
1/13/2017 1:30:00 AM	99000.000	123.234	19.240
277.597	40019.707	44967.254	29.354
30577.734	24.988	1.021	14.753
1/13/2017 1:45:00 AM	99900.000	123.194	19.238
277.507	40015.336	44963.852	29.351
30575.422	24.990	1.021	14.760
1/13/2017 2:00:00 AM	100800.000	123.165	19.233
277.440	39968.301	44915.961	29.316
30542.854	25.020	1.021	14.762
1/13/2017 2:15:00 AM	101700.000	123.141	19.230
277.386	40015.977	44972.234	29.357
30581.121	24.990	1.021	14.762

1/13/2017 2:30:00 AM	102600.000	123.125	19.229
277.351	40009.023	44965.598	29.352
30576.609	24.994	1.021	14.755
1/13/2017 2:45:00 AM	103500.000	123.097	19.228
277.288	39968.895	44921.426	29.320
30546.572	25.019	1.021	14.762
1/13/2017 3:00:00 AM	104400.000	123.073	19.220
277.234	39935.605	44891.414	29.298
30526.164	25.040	1.021	14.771
1/13/2017 3:15:00 AM	105300.000	123.025	19.223
277.126	39923.527	44875.398	29.286
30515.271	25.048	1.021	14.771
1/13/2017 3:30:00 AM	106200.000	123.030	19.219
277.136	39883.773	44834.406	29.256
30487.398	25.073	1.021	14.767
1/13/2017 3:45:00 AM	107100.000	123.005	19.221
277.082	39860.484	44805.793	29.236
30467.941	25.088	1.021	14.774
1/13/2017 4:00:00 AM	108000.000	122.991	19.217
277.050	39800.047	44742.129	29.189
30424.650	25.126	1.021	14.773
1/13/2017 4:15:00 AM	108900.000	122.996	19.219
277.061	39795.301	44735.211	29.184
30419.945	25.129	1.021	14.772
1/13/2017 4:30:00 AM	109800.000	123.009	19.215
277.089	39754.566	44692.668	29.153
30391.016	25.154	1.021	14.770
1/13/2017 4:45:00 AM	110700.000	122.955	19.213
276.969	39717.234	44653.137	29.124
30364.135	25.178	1.020	14.772
1/13/2017 5:00:00 AM	111600.000	122.967	19.212
276.995	39673.457	44604.336	29.089
30330.949	25.206	1.020	14.776
1/13/2017 5:15:00 AM	112500.000	122.995	19.213
277.057	39610.313	44532.590	29.037
30282.164	25.246	1.020	14.783
1/13/2017 5:30:00 AM	113400.000	123.003	19.211
277.077	39606.680	44530.512	29.035
30280.750	25.248	1.020	14.778
1/13/2017 5:45:00 AM	114300.000	123.036	19.210
277.150	39525.211	44439.914	28.969
30219.145	25.300	1.020	14.776
1/13/2017 6:00:00 AM	115200.000	123.074	19.212
277.236	39521.355	44433.250	28.965
30214.611	25.303	1.020	14.784
1/13/2017 6:15:00 AM	116100.000	123.130	19.210
277.362	39509.367	44421.938	28.956
30206.918	25.310	1.020	14.777
1/13/2017 6:30:00 AM	117000.000	123.140	19.213
277.384	39468.684	44373.609	28.922
30174.057	25.337	1.020	14.780
1/13/2017 6:45:00 AM	117900.000	123.188	19.212
277.494	39445.160	44348.156	28.903
30156.748	25.352	1.020	14.788
1/13/2017 7:00:00 AM	118800.000	123.208	19.210

277.537	39409.527	44309.844	28.875
30130.695	25.375	1.020	14.789
1/13/2017 7:15:00 AM	119700.000	123.279	19.213
277.697	39418.227	44317.055	28.881
30135.600	25.369	1.020	14.789
1/13/2017 7:30:00 AM	120600.000	123.305	19.210
277.758	39439.043	44342.785	28.899
30153.096	25.356	1.020	14.791
1/13/2017 7:45:00 AM	121500.000	123.362	19.211
277.884	39419.098	44319.531	28.882
30137.283	25.368	1.020	14.798
1/13/2017 8:00:00 AM	122400.000	123.424	19.218
278.025	39411.695	44304.395	28.872
30126.990	25.373	1.020	14.793
1/13/2017 8:15:00 AM	123300.000	123.464	19.215
278.116	39388.152	44281.246	28.855
30111.250	25.388	1.020	14.798
1/13/2017 8:30:00 AM	124200.000	123.473	19.214
278.135	39384.156	44277.418	28.852
30108.646	25.391	1.020	14.803
1/13/2017 8:45:00 AM	125100.000	123.517	19.214
278.234	39381.953	44274.523	28.850
30106.678	25.392	1.020	14.805
1/13/2017 9:00:00 AM	126000.000	123.565	19.207
278.341	39389.008	44289.176	28.860
30116.643	25.388	1.020	14.806
1/13/2017 9:15:00 AM	126900.000	123.591	19.211
278.402	39382.762	44278.676	28.853
30109.500	25.392	1.020	14.815
1/13/2017 9:30:00 AM	127800.000	123.630	19.208
278.489	39412.426	44315.254	28.879
30134.375	25.373	1.020	14.812
1/13/2017 9:45:00 AM	128700.000	123.673	19.223
278.585	39389.496	44274.629	28.850
30106.748	25.387	1.020	14.816
1/13/2017 10:00:00 AM	129600.000	123.700	19.211
278.647	39394.984	44292.578	28.863
30118.953	25.384	1.020	14.818
1/13/2017 10:15:00 AM	130500.000	123.694	19.210
278.633	39378.570	44274.547	28.850
30106.693	25.395	1.020	14.821
1/13/2017 10:30:00 AM	131400.000	123.691	19.207
278.626	39390.094	44290.906	28.861
30117.816	25.387	1.020	14.826
1/13/2017 10:45:00 AM	132300.000	123.698	19.214
278.642	39383.012	44276.297	28.851
30107.883	25.392	1.020	14.824
1/13/2017 11:00:00 AM	133200.000	123.682	19.217
278.606	39379.344	44269.109	28.846
30102.994	25.394	1.020	14.822
1/13/2017 11:15:00 AM	134100.000	123.673	19.217
278.585	39346.078	44231.383	28.819
30077.342	25.415	1.020	14.825
1/13/2017 11:30:00 AM	135000.000	123.665	19.214
278.568	39339.430	44226.887	28.815

30074.285	25.420	1.020	14.817
1/13/2017 11:45:00 AM	135900.000	123.605	19.213
278.433	39298.352	44181.863	28.783
30043.668	25.446	1.020	14.815
1/13/2017 12:00:00 PM	136800.000	123.576	19.214
278.366	39265.906	44144.805	28.756
30018.469	25.467	1.020	14.816
1/13/2017 12:15:00 PM	137700.000	123.517	19.217
278.235	39201.863	44069.918	28.702
29967.547	25.509	1.020	14.814
1/13/2017 12:30:00 PM	138600.000	123.484	19.216
278.160	39116.688	43975.242	28.633
29903.166	25.565	1.020	14.801
1/13/2017 12:45:00 PM	139500.000	123.431	19.218
278.039	39083.523	43936.055	28.605
29876.518	25.586	1.020	14.804
1/13/2017 1:00:00 PM	140400.000	123.355	19.216
277.869	39037.840	43885.777	28.568
29842.328	25.616	1.020	14.804
1/13/2017 1:15:00 PM	141300.000	123.298	19.214
277.741	39017.207	43864.969	28.553
29828.180	25.630	1.020	14.802
1/13/2017 1:30:00 PM	142200.000	123.232	19.216
277.592	38883.480	43713.066	28.443
29724.887	25.718	1.020	14.802
1/13/2017 1:45:00 PM	143100.000	123.129	19.214
277.360	38847.805	43674.184	28.415
29698.445	25.741	1.020	14.805
1/13/2017 2:00:00 PM	144000.000	123.102	19.211
277.298	38838.535	43666.871	28.410
29693.475	25.748	1.020	14.799
1/13/2017 2:15:00 PM	144900.000	123.012	19.216
277.096	38749.551	43562.008	28.334
29622.168	25.807	1.020	14.807
1/13/2017 2:30:00 PM	145800.000	122.912	19.213
276.870	38712.352	43522.633	28.305
29595.393	25.832	1.020	14.807
1/13/2017 2:45:00 PM	146700.000	122.844	19.215
276.719	38718.496	43527.902	28.309
29598.977	25.827	1.020	14.808
1/13/2017 3:00:00 PM	147600.000	122.810	19.217
276.641	38675.465	43478.152	28.273
29565.145	25.856	1.020	14.808
1/13/2017 3:15:00 PM	148500.000	122.733	19.213
276.467	38613.590	43412.008	28.225
29520.168	25.898	1.020	14.809
1/13/2017 3:30:00 PM	149400.000	122.685	19.215
276.360	38608.293	43404.582	28.220
29515.115	25.901	1.020	14.805
1/13/2017 3:45:00 PM	150300.000	122.626	19.212
276.226	38615.672	43415.156	28.228
29522.309	25.896	1.020	14.813
1/13/2017 4:00:00 PM	151200.000	122.537	19.217
276.027	38576.500	43366.160	28.192
29488.988	25.923	1.020	14.802

1/13/2017 4:15:00 PM	152100.000	122.525	19.212
275.999	38581.828	43377.598	28.200
29496.770	25.919	1.020	14.797
1/13/2017 4:30:00 PM	153000.000	122.492	19.207
275.925	38564.328	43361.824	28.189
29486.043	25.931	1.020	14.804
1/13/2017 4:45:00 PM	153900.000	122.444	19.209
275.817	38607.266	43408.398	28.223
29517.711	25.902	1.020	14.801
1/13/2017 5:00:00 PM	154800.000	122.398	19.204
275.714	38564.832	43365.230	28.191
29488.359	25.930	1.020	14.803
1/13/2017 5:15:00 PM	155700.000	122.417	19.197
275.756	38590.906	43401.145	28.217
29512.781	25.913	1.020	14.795
1/13/2017 5:30:00 PM	156600.000	122.369	19.193
275.648	38566.590	43377.449	28.200
29496.668	25.929	1.020	14.801
1/13/2017 5:45:00 PM	157500.000	122.382	19.191
275.678	38555.664	43367.039	28.192
29489.588	25.937	1.020	14.809
1/13/2017 6:00:00 PM	158400.000	122.371	19.186
275.652	38573.621	43392.359	28.210
29506.805	25.924	1.020	14.807
1/13/2017 6:15:00 PM	159300.000	122.356	19.190
275.618	38597.395	43415.520	28.227
29522.555	25.908	1.020	14.808
1/13/2017 6:30:00 PM	160200.000	122.405	19.222
275.730	38676.441	43474.680	28.271
29562.785	25.856	1.020	14.801
1/13/2017 6:45:00 PM	161100.000	122.440	19.230
275.807	38744.332	43542.684	28.321
29609.025	25.810	1.020	14.799
1/13/2017 7:00:00 PM	162000.000	122.449	19.230
275.829	38814.281	43621.297	28.377
29662.482	25.764	1.020	14.812
1/13/2017 7:15:00 PM	162900.000	122.497	19.231
275.937	38919.234	43738.664	28.462
29742.293	25.694	1.020	14.811
1/13/2017 7:30:00 PM	163800.000	122.502	19.231
275.947	38969.215	43794.520	28.503
29780.275	25.661	1.020	14.806
1/13/2017 7:45:00 PM	164700.000	122.573	19.231
276.108	39091.555	43932.078	28.602
29873.814	25.581	1.020	14.811
1/13/2017 8:00:00 PM	165600.000	122.588	19.232
276.141	39101.602	43942.559	28.610
29880.941	25.574	1.020	14.817
1/13/2017 8:15:00 PM	166500.000	122.650	19.232
276.281	39173.605	44023.965	28.669
29936.299	25.527	1.020	14.810
1/13/2017 8:30:00 PM	167400.000	122.724	19.232
276.448	39266.289	44127.469	28.744
30006.682	25.467	1.020	14.819
1/13/2017 8:45:00 PM	168300.000	122.774	19.232

276.561	39307.727	44174.691	28.778
30038.791	25.440	1.020	14.824
1/13/2017 9:00:00 PM	169200.000	122.831	19.232
276.688	39384.930	44261.367	28.841
30097.732	25.390	1.020	14.830
1/13/2017 9:15:00 PM	170100.000	122.894	19.232
276.830	39427.734	44309.309	28.876
30130.330	25.363	1.020	14.833
1/13/2017 9:30:00 PM	171000.000	122.948	19.232
276.952	39491.480	44381.277	28.928
30179.271	25.322	1.020	14.830
1/13/2017 9:45:00 PM	171900.000	122.989	19.231
277.044	39538.223	44434.801	28.967
30215.666	25.292	1.020	14.834
1/13/2017 10:00:00 PM	172800.000	123.051	19.230
277.185	39613.191	44519.738	29.028
30273.424	25.244	1.020	14.836
1/13/2017 10:15:00 PM	173700.000	123.108	19.230
277.312	39649.234	44559.656	29.057
30300.568	25.221	1.020	14.831
1/13/2017 10:30:00 PM	174600.000	123.150	19.229
277.407	39703.754	44622.102	29.103
30343.031	25.187	1.020	14.836
1/13/2017 10:45:00 PM	175500.000	123.177	19.229
277.468	39742.117	44665.793	29.134
30372.742	25.162	1.020	14.835
1/13/2017 11:00:00 PM	176400.000	123.231	19.228
277.591	39825.352	44760.008	29.203
30436.807	25.110	1.021	14.832
1/13/2017 11:15:00 PM	177300.000	123.256	19.228
277.646	39832.129	44767.961	29.208
30442.215	25.105	1.021	14.833
1/13/2017 11:30:00 PM	178200.000	123.270	19.227
277.679	39906.867	44852.719	29.270
30499.852	25.058	1.021	14.836
1/13/2017 11:45:00 PM	179100.000	123.294	19.226
277.731	39927.602	44877.199	29.288
30516.496	25.045	1.021	14.833
1/14/2017 12:00:00 AM	180000.000	123.312	19.225
277.771	39943.934	44895.813	29.301
30529.154	25.035	1.021	14.828
1/14/2017 12:15:00 AM	180900.000	123.281	19.226
277.702	39994.500	44952.391	29.342
30567.627	25.003	1.021	14.831
1/14/2017 12:30:00 AM	181800.000	123.318	19.226
277.787	40010.113	44969.270	29.355
30579.105	24.994	1.021	14.834
1/14/2017 12:45:00 AM	182700.000	123.320	19.229
277.790	40062.344	45025.363	29.395
30617.250	24.961	1.021	14.829
1/14/2017 1:00:00 AM	183600.000	123.291	19.251
277.726	40076.816	45019.871	29.392
30613.514	24.952	1.021	14.834
1/14/2017 1:15:00 AM	184500.000	123.274	19.260
277.687	40113.918	45052.867	29.417

30635.949	24.929	1.021	14.830
1/14/2017 1:30:00 AM	185400.000	123.268	19.254
277.674	40098.180	45041.590	29.408
30628.283	24.939	1.021	14.824
1/14/2017 1:45:00 AM	186300.000	123.246	19.249
277.624	40104.406	45053.563	29.417
30636.424	24.935	1.021	14.831
1/14/2017 2:00:00 AM	187200.000	123.229	19.248
277.586	40073.813	45019.699	29.392
30613.398	24.954	1.021	14.830
1/14/2017 2:15:00 AM	188100.000	123.221	19.240
277.567	40092.082	45048.484	29.413
30632.971	24.943	1.021	14.828
1/14/2017 2:30:00 AM	189000.000	123.173	19.240
277.459	40060.707	45012.895	29.387
30608.770	24.962	1.021	14.828
1/14/2017 2:45:00 AM	189900.000	123.160	19.235
277.429	40045.859	45001.273	29.378
30600.869	24.971	1.021	14.832
1/14/2017 3:00:00 AM	190800.000	123.130	19.228
277.363	40048.980	45011.266	29.385
30607.662	24.969	1.021	14.830
1/14/2017 3:15:00 AM	191700.000	123.059	19.232
277.201	40022.938	44978.457	29.361
30585.354	24.986	1.021	14.839
1/14/2017 3:30:00 AM	192600.000	123.039	19.225
277.157	39993.328	44951.824	29.342
30567.242	25.004	1.021	14.825
1/14/2017 3:45:00 AM	193500.000	123.035	19.226
277.148	39971.332	44925.680	29.323
30549.465	25.018	1.021	14.829
1/14/2017 4:00:00 AM	194400.000	123.021	19.222
277.118	39948.586	44904.648	29.307
30535.164	25.032	1.021	14.828
1/14/2017 4:15:00 AM	195300.000	122.969	19.219
276.999	39885.074	44835.531	29.257
30488.162	25.072	1.021	14.832
1/14/2017 4:30:00 AM	196200.000	122.941	19.219
276.936	39849.266	44795.535	29.228
30460.967	25.095	1.021	14.840
1/14/2017 4:45:00 AM	197100.000	122.962	19.217
276.983	39806.941	44749.805	29.195
30429.869	25.121	1.021	14.829
1/14/2017 5:00:00 AM	198000.000	122.927	19.213
276.905	39804.012	44750.609	29.195
30430.416	25.123	1.021	14.837
1/14/2017 5:15:00 AM	198900.000	122.940	19.213
276.934	39737.895	44676.277	29.141
30379.871	25.165	1.020	14.824
1/14/2017 5:30:00 AM	199800.000	122.949	19.213
276.954	39684.348	44615.992	29.097
30338.877	25.199	1.020	14.838
1/14/2017 5:45:00 AM	200700.000	122.968	19.215
276.998	39644.543	44569.488	29.064
30307.252	25.224	1.020	14.825

1/14/2017 6:00:00 AM	201600.000	122.949	19.212
276.954	39618.559	44543.109	29.044
30289.316	25.241	1.020	14.827
1/14/2017 6:15:00 AM	202500.000	122.961	19.212
276.981	39548.520	44464.449	28.987
30235.828	25.285	1.020	14.826
1/14/2017 6:30:00 AM	203400.000	123.004	19.208
277.078	39553.527	44473.082	28.993
30241.697	25.282	1.020	14.827
1/14/2017 6:45:00 AM	204300.000	123.034	19.213
277.145	39509.359	44418.758	28.954
30204.758	25.310	1.020	14.822
1/14/2017 7:00:00 AM	205200.000	123.039	19.210
277.157	39485.156	44395.125	28.937
30188.686	25.326	1.020	14.832
1/14/2017 7:15:00 AM	206100.000	123.102	19.209
277.299	39502.090	44414.996	28.951
30202.197	25.315	1.020	14.830
1/14/2017 7:30:00 AM	207000.000	123.106	19.210
277.308	39454.246	44359.965	28.912
30164.779	25.346	1.020	14.829
1/14/2017 7:45:00 AM	207900.000	123.135	19.203
277.373	39430.129	44339.574	28.896
30150.912	25.361	1.020	14.827
1/14/2017 8:00:00 AM	208800.000	123.222	19.209
277.570	39451.746	44358.477	28.910
30163.766	25.347	1.020	14.829
1/14/2017 8:15:00 AM	209700.000	123.243	19.211
277.616	39448.086	44352.527	28.906
30159.719	25.350	1.020	14.826
1/14/2017 8:30:00 AM	210600.000	123.296	19.209
277.736	39422.516	44325.031	28.886
30141.023	25.366	1.020	14.832
1/14/2017 8:45:00 AM	211500.000	123.349	19.213
277.856	39412.418	44310.023	28.875
30130.818	25.373	1.020	14.835
1/14/2017 9:00:00 AM	212400.000	123.393	19.202
277.955	39384.016	44289.039	28.860
30116.549	25.391	1.020	14.838
1/14/2017 9:15:00 AM	213300.000	123.404	19.198
277.980	39425.430	44338.852	28.896
30150.422	25.364	1.020	14.838
1/14/2017 9:30:00 AM	214200.000	123.467	19.208
278.122	39393.156	44293.512	28.863
30119.588	25.385	1.020	14.843
1/14/2017 9:45:00 AM	215100.000	123.512	19.201
278.222	39392.508	44298.926	28.867
30123.270	25.386	1.020	14.843
1/14/2017 10:00:00 AM	216000.000	123.547	19.200
278.301	39407.988	44317.336	28.880
30135.789	25.376	1.020	14.844
1/14/2017 10:15:00 AM	216900.000	123.559	19.194
278.328	39398.527	44312.250	28.876
30132.332	25.382	1.020	14.834
1/14/2017 10:30:00 AM	217800.000	123.614	19.190

278.452	39377.836	44293.465	28.862
30119.559	25.395	1.020	14.833
1/14/2017 10:45:00 AM	218700.000	123.585	19.183
278.388	39368.738	44289.207	28.859
30116.660	25.401	1.020	14.831
1/14/2017 11:00:00 AM	219600.000	123.619	19.199
278.463	39438.395	44352.441	28.906
30159.662	25.356	1.020	14.828
1/14/2017 11:15:00 AM	220500.000	123.635	19.212
278.501	39424.289	44324.277	28.886
30140.510	25.365	1.020	14.828
1/14/2017 11:30:00 AM	221400.000	123.613	19.219
278.450	39445.969	44342.258	28.899
30152.738	25.351	1.020	14.827
1/14/2017 11:45:00 AM	222300.000	123.633	19.210
278.495	39432.793	44335.672	28.894
30148.260	25.360	1.020	14.814
1/14/2017 12:00:00 PM	223200.000	123.618	19.213
278.462	39432.500	44332.266	28.892
30145.943	25.360	1.020	14.818
1/14/2017 12:15:00 PM	224100.000	123.591	19.206
278.400	39409.047	44312.797	28.877
30132.703	25.375	1.020	14.811
1/14/2017 12:30:00 PM	225000.000	123.563	19.214
278.338	39377.164	44269.555	28.846
30103.299	25.395	1.020	14.810
1/14/2017 12:45:00 PM	225900.000	123.528	19.211
278.259	39391.320	44288.547	28.860
30116.215	25.386	1.020	14.803
1/14/2017 1:00:00 PM	226800.000	123.440	19.214
278.060	39300.961	44183.980	28.784
30045.109	25.445	1.020	14.801
1/14/2017 1:15:00 PM	227700.000	123.408	19.216
277.989	39271.563	44149.352	28.759
30021.561	25.464	1.020	14.793
1/14/2017 1:30:00 PM	228600.000	123.372	19.217
277.907	39235.438	44107.742	28.729
29993.268	25.487	1.020	14.794
1/14/2017 1:45:00 PM	229500.000	123.334	19.215
277.822	39199.168	44068.785	28.701
29966.773	25.511	1.020	14.792
1/14/2017 2:00:00 PM	230400.000	123.277	19.212
277.694	39122.605	43984.941	28.640
29909.762	25.561	1.020	14.795
1/14/2017 2:15:00 PM	231300.000	123.193	19.215
277.504	39092.938	43949.359	28.614
29885.566	25.580	1.020	14.794
1/14/2017 2:30:00 PM	232200.000	123.155	19.210
277.419	38993.996	43842.063	28.536
29812.605	25.645	1.020	14.799
1/14/2017 2:45:00 PM	233100.000	123.083	19.212
277.257	38945.445	43785.594	28.496
29774.205	25.677	1.020	14.801
1/14/2017 3:00:00 PM	234000.000	123.023	19.213
277.122	38924.406	43761.777	28.478

29758.012	25.691	1.020	14.793
1/14/2017 3:15:00 PM	234900.000	122.948	19.211
276.953	38894.570	43730.117	28.455
29736.482	25.711	1.020	14.785
1/14/2017 3:30:00 PM	235800.000	122.892	19.213
276.826	38793.629	43614.422	28.372
29657.809	25.777	1.020	14.794
1/14/2017 3:45:00 PM	236700.000	122.826	19.214
276.677	38780.090	43598.391	28.360
29646.908	25.786	1.020	14.794
1/14/2017 4:00:00 PM	237600.000	122.770	19.210
276.552	38731.863	43547.434	28.323
29612.258	25.819	1.020	14.797
1/14/2017 4:15:00 PM	238500.000	122.676	19.207
276.339	38726.270	43544.160	28.321
29610.031	25.822	1.020	14.796
1/14/2017 4:30:00 PM	239400.000	122.627	19.208
276.230	38706.563	43521.184	28.304
29594.406	25.835	1.020	14.805
1/14/2017 4:45:00 PM	240300.000	122.581	19.210
276.126	38739.684	43556.875	28.330
29618.678	25.813	1.020	14.800
1/14/2017 5:00:00 PM	241200.000	122.538	19.213
276.029	38722.113	43534.098	28.314
29603.189	25.825	1.020	14.804
1/14/2017 5:15:00 PM	242100.000	122.546	19.206
276.047	38696.367	43511.758	28.297
29587.998	25.842	1.020	14.794
1/14/2017 5:30:00 PM	243000.000	122.470	19.204
275.875	38737.859	43559.883	28.332
29620.723	25.815	1.020	14.795
1/14/2017 5:45:00 PM	243900.000	122.470	19.202
275.875	38711.016	43531.816	28.312
29601.637	25.832	1.020	14.791
1/14/2017 6:00:00 PM	244800.000	122.433	19.201
275.791	38689.504	43508.605	28.295
29585.854	25.847	1.020	14.797
1/14/2017 6:15:00 PM	245700.000	122.426	19.195
275.778	38698.133	43523.605	28.305
29596.055	25.841	1.020	14.801
1/14/2017 6:30:00 PM	246600.000	122.433	19.189
275.792	38696.605	43527.516	28.308
29598.713	25.842	1.020	14.795
1/14/2017 6:45:00 PM	247500.000	122.423	19.188
275.770	38699.137	43531.598	28.311
29601.488	25.840	1.020	14.800
1/14/2017 7:00:00 PM	248400.000	122.443	19.184
275.816	38673.000	43505.777	28.292
29583.932	25.858	1.020	14.791
1/14/2017 7:15:00 PM	249300.000	122.466	19.182
275.866	38728.508	43569.777	28.338
29627.451	25.821	1.020	14.793
1/14/2017 7:30:00 PM	250200.000	122.459	19.208
275.851	38777.695	43600.992	28.362
29648.678	25.788	1.020	14.796

1/14/2017 7:45:00 PM	251100.000	122.511	19.226
275.968	38818.625	43630.180	28.384
29668.525	25.761	1.020	14.792
1/14/2017 8:00:00 PM	252000.000	122.561	19.228
276.080	38882.309	43699.879	28.434
29715.920	25.719	1.020	14.793
1/14/2017 8:15:00 PM	252900.000	122.578	19.229
276.118	38973.805	43802.129	28.508
29785.447	25.658	1.020	14.805
1/14/2017 8:30:00 PM	253800.000	122.639	19.229
276.256	39059.844	43898.426	28.578
29850.932	25.602	1.020	14.792
1/14/2017 8:45:00 PM	254700.000	122.667	19.229
276.320	39118.773	43964.656	28.626
29895.967	25.563	1.020	14.797
1/14/2017 9:00:00 PM	255600.000	122.740	19.229
276.484	39172.680	44025.320	28.670
29937.219	25.528	1.020	14.791
1/14/2017 9:15:00 PM	256500.000	122.791	19.230
276.599	39273.617	44138.254	28.752
30014.016	25.462	1.020	14.800
1/14/2017 9:30:00 PM	257400.000	122.847	19.230
276.724	39314.363	44184.133	28.785
30045.211	25.436	1.020	14.793
1/14/2017 9:45:00 PM	258300.000	122.900	19.230
276.844	39379.730	44257.188	28.838
30094.891	25.394	1.020	14.794
1/14/2017 10:00:00 PM	259200.000	122.960	19.230
276.979	39436.094	44320.941	28.884
30138.240	25.357	1.020	14.792
1/14/2017 10:15:00 PM	260100.000	122.981	19.229
277.027	39541.160	44439.113	28.970
30218.600	25.290	1.020	14.792
1/14/2017 10:30:00 PM	261000.000	123.064	19.230
277.213	39587.672	44491.297	29.008
30254.084	25.260	1.020	14.794
1/14/2017 10:45:00 PM	261900.000	123.098	19.229
277.290	39617.113	44524.809	29.032
30276.873	25.242	1.020	14.797
1/14/2017 11:00:00 PM	262800.000	123.150	19.228
277.407	39672.656	44588.152	29.078
30319.945	25.206	1.020	14.791
1/14/2017 11:15:00 PM	263700.000	123.196	19.228
277.511	39701.609	44620.516	29.101
30341.953	25.188	1.020	14.795
1/14/2017 11:30:00 PM	264600.000	123.197	19.228
277.512	39780.234	44709.551	29.166
30402.496	25.138	1.021	14.796
1/14/2017 11:45:00 PM	265500.000	123.240	19.228
277.609	39854.902	44793.559	29.227
30459.623	25.091	1.021	14.802
1/15/2017 12:00:00 AM	266400.000	123.300	19.227
277.745	39840.070	44777.477	29.215
30448.686	25.100	1.021	14.797
1/15/2017 12:15:00 AM	267300.000	123.308	19.226

277.764	39891.086	44835.824	29.258
30488.363	25.068	1.021	14.799
1/15/2017 12:30:00 AM	268200.000	123.345	19.226
277.847	39945.680	44897.516	29.302
30530.313	25.034	1.021	14.796
1/15/2017 12:45:00 AM	269100.000	123.312	19.225
277.773	39959.461	44913.266	29.314
30541.023	25.025	1.021	14.790
1/15/2017 1:00:00 AM	270000.000	123.363	19.225
277.888	39973.152	44928.566	29.325
30551.428	25.017	1.021	14.793
1/15/2017 1:15:00 AM	270900.000	123.358	19.227
277.876	40015.508	44974.824	29.359
30582.883	24.990	1.021	14.794
1/15/2017 1:30:00 AM	271800.000	123.349	19.251
277.855	40023.621	44960.953	29.350
30573.449	24.985	1.021	14.786
1/15/2017 1:45:00 AM	272700.000	123.340	19.259
277.835	40071.066	45005.992	29.383
30604.076	24.956	1.021	14.793
1/15/2017 2:00:00 AM	273600.000	123.310	19.252
277.768	40084.422	45027.910	29.398
30618.980	24.947	1.021	14.794
1/15/2017 2:15:00 AM	274500.000	123.319	19.246
277.788	40071.355	45018.703	29.391
30612.721	24.955	1.021	14.786
1/15/2017 2:30:00 AM	275400.000	123.329	19.244
277.811	40058.391	45005.914	29.382
30604.023	24.964	1.021	14.796
1/15/2017 2:45:00 AM	276300.000	123.266	19.237
277.669	40074.996	45031.398	29.400
30621.354	24.953	1.021	14.800
1/15/2017 3:00:00 AM	277200.000	123.248	19.236
277.628	40054.207	45009.727	29.384
30606.617	24.966	1.021	14.793
1/15/2017 3:15:00 AM	278100.000	123.218	19.232
277.561	39991.129	44942.535	29.335
30560.924	25.006	1.021	14.798
1/15/2017 3:30:00 AM	279000.000	123.192	19.229
277.501	40018.211	44975.512	29.359
30583.350	24.989	1.021	14.794
1/15/2017 3:45:00 AM	279900.000	123.155	19.228
277.418	39974.535	44927.926	29.325
30550.990	25.016	1.021	14.792
1/15/2017 4:00:00 AM	280800.000	123.123	19.227
277.346	39936.320	44885.652	29.294
30522.246	25.040	1.021	14.798
1/15/2017 4:15:00 AM	281700.000	123.103	19.222
277.302	39887.844	44835.957	29.257
30488.453	25.070	1.021	14.798
1/15/2017 4:30:00 AM	282600.000	123.077	19.222
277.242	39844.637	44787.391	29.222
30455.428	25.097	1.021	14.788
1/15/2017 4:45:00 AM	283500.000	123.044	19.222
277.168	39795.039	44731.895	29.182

30417.689	25.129	1.021	14.791
1/15/2017 5:00:00 AM	284400.000	123.050	19.218
277.182	39746.477	44681.152	29.145
30383.184	25.159	1.021	14.787
1/15/2017 5:15:00 AM	285300.000	122.989	19.218
277.044	39702.828	44631.410	29.109
30349.361	25.187	1.020	14.792
1/15/2017 5:30:00 AM	286200.000	122.997	19.217
277.063	39677.031	44603.508	29.088
30330.387	25.203	1.020	14.790
1/15/2017 5:45:00 AM	287100.000	122.981	19.216
277.026	39605.520	44523.957	29.031
30276.293	25.249	1.020	14.792
1/15/2017 6:00:00 AM	288000.000	122.992	19.218
277.051	39544.133	44453.602	28.980
30228.451	25.288	1.020	14.786
1/15/2017 6:15:00 AM	288900.000	122.954	19.216
276.965	39522.184	44431.102	28.963
30213.150	25.302	1.020	14.793
1/15/2017 6:30:00 AM	289800.000	122.977	19.214
277.017	39486.359	44392.484	28.935
30186.891	25.325	1.020	14.792
1/15/2017 6:45:00 AM	290700.000	122.987	19.213
277.039	39448.102	44350.063	28.904
30158.045	25.350	1.020	14.786
1/15/2017 7:00:00 AM	291600.000	123.005	19.212
277.080	39394.504	44290.711	28.861
30117.686	25.384	1.020	14.789
1/15/2017 7:15:00 AM	292500.000	123.021	19.214
277.117	39339.531	44227.246	28.815
30074.529	25.420	1.020	14.789
1/15/2017 7:30:00 AM	293400.000	123.010	19.208
277.092	39348.195	44242.211	28.826
30084.705	25.414	1.020	14.787
1/15/2017 7:45:00 AM	294300.000	123.043	19.211
277.166	39301.719	44187.719	28.787
30047.648	25.444	1.020	14.786
1/15/2017 8:00:00 AM	295200.000	123.095	19.214
277.282	39305.152	44188.930	28.788
30048.473	25.442	1.020	14.793
1/15/2017 8:15:00 AM	296100.000	123.088	19.206
277.267	39286.414	44174.730	28.777
30038.818	25.454	1.020	14.792
1/15/2017 8:30:00 AM	297000.000	123.120	19.212
277.339	39257.082	44136.371	28.750
30012.734	25.473	1.020	14.794
1/15/2017 8:45:00 AM	297900.000	123.195	19.211
277.509	39283.414	44166.980	28.772
30033.549	25.456	1.020	14.799
1/15/2017 9:00:00 AM	298800.000	123.227	19.211
277.581	39242.887	44121.242	28.739
30002.447	25.482	1.020	14.803
1/15/2017 9:15:00 AM	299700.000	123.261	19.208
277.657	39257.121	44139.969	28.752
30015.180	25.473	1.020	14.804

1/15/2017 9:30:00 AM	300600.000	123.295	19.205
277.735	39250.742	44135.945	28.749
30012.445	25.477	1.020	14.803
1/15/2017 9:45:00 AM	301500.000	123.312	19.203
277.773	39234.242	44119.297	28.737
30001.125	25.488	1.020	14.806
1/15/2017 10:00:00 AM	302400.000	123.366	19.205
277.893	39236.793	44120.598	28.738
30002.006	25.486	1.020	14.806
1/15/2017 10:15:00 AM	303300.000	123.408	19.195
277.988	39223.742	44114.598	28.733
29997.926	25.495	1.020	14.812
1/15/2017 10:30:00 AM	304200.000	123.410	19.188
277.994	39221.625	44119.164	28.736
30001.031	25.496	1.020	14.814
1/15/2017 10:45:00 AM	305100.000	123.430	19.184
278.037	39226.383	44128.652	28.743
30007.486	25.493	1.020	14.811
1/15/2017 11:00:00 AM	306000.000	123.476	19.183
278.143	39217.254	44118.789	28.736
30000.777	25.499	1.020	14.809
1/15/2017 11:15:00 AM	306900.000	123.494	19.185
278.183	39236.262	44138.770	28.750
30014.363	25.487	1.020	14.803
1/15/2017 11:30:00 AM	307800.000	123.499	19.219
278.194	39295.355	44172.785	28.776
30037.494	25.448	1.020	14.803
1/15/2017 11:45:00 AM	308700.000	123.516	19.251
278.233	39358.664	44213.141	28.807
30064.938	25.407	1.020	14.799
1/15/2017 12:00:00 PM	309600.000	123.534	19.263
278.273	39402.316	44250.914	28.835
30090.621	25.379	1.020	14.793
1/15/2017 12:15:00 PM	310500.000	123.523	19.253
278.247	39379.211	44235.223	28.823
30079.953	25.394	1.020	14.792
1/15/2017 12:30:00 PM	311400.000	123.532	19.234
278.268	39379.285	44253.039	28.835
30092.068	25.394	1.020	14.782
1/15/2017 12:45:00 PM	312300.000	123.491	19.221
278.176	39344.004	44225.484	28.815
30073.332	25.417	1.020	14.778
1/15/2017 1:00:00 PM	313200.000	123.499	19.219
278.193	39353.051	44237.887	28.823
30081.764	25.411	1.020	14.773
1/15/2017 1:15:00 PM	314100.000	123.482	19.219
278.156	39313.285	44193.105	28.791
30051.313	25.437	1.020	14.769
1/15/2017 1:30:00 PM	315000.000	123.429	19.220
278.036	39270.230	44143.219	28.755
30017.389	25.465	1.020	14.779
1/15/2017 1:45:00 PM	315900.000	123.406	19.221
277.984	39221.703	44087.762	28.715
29979.680	25.496	1.020	14.769
1/15/2017 2:00:00 PM	316800.000	123.382	19.222

277.930	39169.035	44028.383	28.672
29939.303	25.530	1.020	14.770
1/15/2017 2:15:00 PM	317700.000	123.291	19.216
277.725	39129.281	43989.230	28.643
29912.680	25.556	1.020	14.778
1/15/2017 2:30:00 PM	318600.000	123.262	19.222
277.661	39059.566	43905.336	28.583
29855.631	25.602	1.020	14.780
1/15/2017 2:45:00 PM	319500.000	123.189	19.222
277.495	38992.570	43829.215	28.528
29803.869	25.646	1.020	14.774
1/15/2017 3:00:00 PM	320400.000	123.181	19.219
277.476	38966.305	43803.309	28.509
29786.252	25.663	1.020	14.770
1/15/2017 3:15:00 PM	321300.000	123.119	19.220
277.337	38904.887	43733.113	28.458
29738.520	25.704	1.020	14.774
1/15/2017 3:30:00 PM	322200.000	123.050	19.220
277.182	38880.313	43705.410	28.438
29719.682	25.720	1.020	14.777
1/15/2017 3:45:00 PM	323100.000	123.000	19.215
277.070	38811.215	43632.059	28.385
29669.801	25.766	1.020	14.773
1/15/2017 4:00:00 PM	324000.000	122.943	19.219
276.940	38741.281	43550.180	28.326
29614.125	25.812	1.020	14.776
1/15/2017 4:15:00 PM	324900.000	122.898	19.217
276.840	38699.898	43505.215	28.293
29583.547	25.840	1.020	14.781
1/15/2017 4:30:00 PM	325800.000	122.860	19.220
276.755	38685.488	43485.918	28.279
29570.426	25.849	1.020	14.772
1/15/2017 4:45:00 PM	326700.000	122.763	19.215
276.536	38640.484	43440.121	28.246
29539.283	25.880	1.020	14.779
1/15/2017 5:00:00 PM	327600.000	122.733	19.218
276.468	38640.969	43437.734	28.244
29537.662	25.879	1.020	14.776
1/15/2017 5:15:00 PM	328500.000	122.722	19.217
276.443	38639.813	43437.504	28.244
29537.506	25.880	1.020	14.772
1/15/2017 5:30:00 PM	329400.000	122.658	19.218
276.299	38617.012	43410.977	28.225
29519.467	25.895	1.020	14.784
1/15/2017 5:45:00 PM	330300.000	122.629	19.217
276.234	38603.953	43397.355	28.215
29510.203	25.904	1.020	14.778
1/15/2017 6:00:00 PM	331200.000	122.588	19.216
276.142	38576.695	43367.844	28.194
29490.137	25.922	1.020	14.779
1/15/2017 6:15:00 PM	332100.000	122.534	19.217
276.019	38607.582	43401.195	28.218
29512.814	25.902	1.020	14.773
1/15/2017 6:30:00 PM	333000.000	122.527	19.205
276.004	38587.965	43390.926	28.210

29505.830	25.915	1.020	14.781
1/15/2017 6:45:00 PM	333900.000	122.513	19.203
275.972	38601.199	43407.262	28.222
29516.939	25.906	1.020	14.780
1/15/2017 7:00:00 PM	334800.000	122.494	19.197
275.929	38605.199	43417.379	28.229
29523.818	25.903	1.020	14.790
1/15/2017 7:15:00 PM	335700.000	122.503	19.196
275.951	38587.930	43399.418	28.216
29511.605	25.915	1.020	14.784
1/15/2017 7:30:00 PM	336600.000	122.504	19.192
275.952	38576.703	43389.645	28.208
29504.961	25.922	1.020	14.786
1/15/2017 7:45:00 PM	337500.000	122.528	19.203
276.007	38609.684	43416.727	28.228
29523.377	25.900	1.020	14.787
1/15/2017 8:00:00 PM	338400.000	122.533	19.231
276.017	38662.191	43450.129	28.254
29546.090	25.865	1.020	14.794
1/15/2017 8:15:00 PM	339300.000	122.591	19.236
276.147	38764.355	43560.125	28.333
29620.887	25.797	1.020	14.786
1/15/2017 8:30:00 PM	340200.000	122.590	19.237
276.145	38813.617	43614.500	28.373
29657.861	25.764	1.020	14.790
1/15/2017 8:45:00 PM	341100.000	122.638	19.238
276.255	38873.480	43680.949	28.421
29703.047	25.724	1.020	14.792
1/15/2017 9:00:00 PM	342000.000	122.670	19.238
276.326	38927.344	43741.641	28.465
29744.318	25.689	1.020	14.792
1/15/2017 9:15:00 PM	342900.000	122.688	19.237
276.367	39016.602	43842.504	28.538
29812.904	25.630	1.020	14.795
1/15/2017 9:30:00 PM	343800.000	122.784	19.237
276.582	39113.594	43951.340	28.617
29886.914	25.567	1.020	14.792
1/15/2017 9:45:00 PM	344700.000	122.779	19.237
276.571	39173.590	44018.582	28.665
29932.639	25.527	1.020	14.792
1/15/2017 10:00:00 PM	345600.000	122.836	19.237
276.699	39194.926	44042.734	28.683
29949.063	25.514	1.020	14.790
1/15/2017 10:15:00 PM	346500.000	122.876	19.237
276.789	39281.504	44139.770	28.753
30015.045	25.457	1.020	14.792
1/15/2017 10:30:00 PM	347400.000	122.936	19.237
276.924	39322.730	44186.828	28.787
30047.045	25.431	1.020	14.798
1/15/2017 10:45:00 PM	348300.000	123.002	19.237
277.074	39394.789	44267.723	28.846
30102.053	25.384	1.020	14.800
1/15/2017 11:00:00 PM	349200.000	123.043	19.237
277.166	39454.039	44334.477	28.894
30147.447	25.346	1.020	14.801

1/15/2017 11:15:00 PM	350100.000	123.104	19.237
277.304	39490.551	44375.504	28.924
30175.344	25.323	1.020	14.796
1/15/2017 11:30:00 PM	351000.000	123.112	19.236
277.323	39532.719	44423.375	28.959
30207.895	25.296	1.020	14.811
1/15/2017 11:45:00 PM	351900.000	123.174	19.235
277.462	39620.355	44522.691	29.031
30275.432	25.240	1.020	14.800
1/16/2017 12:00:00 AM	352800.000	123.223	19.236
277.573	39630.504	44533.434	29.038
30282.736	25.233	1.020	14.797
1/16/2017 12:15:00 AM	353700.000	123.253	19.235
277.640	39656.637	44563.137	29.060
30302.936	25.216	1.020	14.797
1/16/2017 12:30:00 AM	354600.000	123.249	19.234
277.630	39727.586	44643.855	29.119
30357.824	25.171	1.020	14.794
1/16/2017 12:45:00 AM	355500.000	123.322	19.235
277.794	39764.977	44685.543	29.149
30386.172	25.148	1.020	14.793
1/16/2017 1:00:00 AM	356400.000	123.346	19.235
277.849	39795.109	44719.070	29.173
30408.971	25.129	1.021	14.792
1/16/2017 1:15:00 AM	357300.000	123.344	19.242
277.845	39811.406	44731.184	29.182
30417.205	25.118	1.021	14.791
1/16/2017 1:30:00 AM	358200.000	123.339	19.262
277.833	39872.242	44779.590	29.218
30450.123	25.080	1.021	14.789
1/16/2017 1:45:00 AM	359100.000	123.351	19.265
277.859	39885.254	44792.016	29.227
30458.572	25.072	1.021	14.788
1/16/2017 2:00:00 AM	360000.000	123.335	19.255
277.824	39875.262	44790.516	29.226
30457.553	25.078	1.021	14.788
1/16/2017 2:15:00 AM	360900.000	123.341	19.251
277.837	39834.715	44748.488	29.195
30428.975	25.104	1.021	14.782
1/16/2017 2:30:00 AM	361800.000	123.358	19.247
277.876	39843.199	44761.711	29.205
30437.963	25.098	1.021	14.775
1/16/2017 2:45:00 AM	362700.000	123.340	19.246
277.836	39821.859	44739.164	29.188
30422.635	25.112	1.021	14.779
1/16/2017 3:00:00 AM	363600.000	123.344	19.240
277.844	39787.809	44705.754	29.164
30399.914	25.133	1.021	14.779
1/16/2017 3:15:00 AM	364500.000	123.293	19.236
277.730	39727.711	44642.488	29.118
30356.893	25.171	1.020	14.784
1/16/2017 3:30:00 AM	365400.000	123.281	19.233
277.703	39712.793	44628.328	29.107
30347.266	25.181	1.020	14.789
1/16/2017 3:45:00 AM	366300.000	123.259	19.235

277.654	39596.270	44496.051	29.011
30257.316	25.255	1.020	14.785
1/16/2017 4:00:00 AM	367200.000	123.246	19.231
277.623	39542.793	44439.121	28.970
30218.605	25.289	1.020	14.788
1/16/2017 4:15:00 AM	368100.000	123.226	19.229
277.579	39492.688	44384.715	28.930
30181.605	25.321	1.020	14.782
1/16/2017 4:30:00 AM	369000.000	123.217	19.233
277.557	39371.859	44245.527	28.830
30086.959	25.399	1.020	14.784
1/16/2017 4:45:00 AM	369900.000	123.165	19.228
277.441	39308.523	44179.227	28.781
30041.875	25.440	1.020	14.785
1/16/2017 5:00:00 AM	370800.000	123.149	19.227
277.404	39196.516	44053.832	28.690
29956.607	25.512	1.020	14.780
1/16/2017 5:15:00 AM	371700.000	123.135	19.226
277.373	39123.793	43972.918	28.632
29901.584	25.560	1.020	14.793
1/16/2017 5:30:00 AM	372600.000	123.109	19.230
277.315	39017.594	43850.520	28.543
29818.355	25.629	1.020	14.792
1/16/2017 5:45:00 AM	373500.000	123.069	19.226
277.224	38945.770	43773.500	28.487
29765.982	25.677	1.020	14.796
1/16/2017 6:00:00 AM	374400.000	123.023	19.228
277.121	38886.371	43704.520	28.438
29719.076	25.716	1.020	14.795
1/16/2017 6:15:00 AM	375300.000	123.011	19.228
277.094	38779.723	43584.582	28.351
29637.518	25.787	1.020	14.792
1/16/2017 6:30:00 AM	376200.000	122.998	19.225
277.064	38719.762	43519.957	28.304
29593.572	25.827	1.020	14.793
1/16/2017 6:45:00 AM	377100.000	122.968	19.227
276.998	38695.781	43491.535	28.283
29574.246	25.843	1.020	14.798
1/16/2017 7:00:00 AM	378000.000	122.999	19.226
277.066	38648.617	43439.594	28.246
29538.926	25.874	1.020	14.789
1/16/2017 7:15:00 AM	378900.000	122.971	19.225
277.005	38614.113	43401.293	28.218
29512.881	25.897	1.020	14.802
1/16/2017 7:30:00 AM	379800.000	122.951	19.225
276.958	38538.094	43315.520	28.156
29454.553	25.948	1.020	14.797
1/16/2017 7:45:00 AM	380700.000	123.011	19.228
277.094	38538.012	43312.996	28.155
29452.840	25.948	1.020	14.800
1/16/2017 8:00:00 AM	381600.000	123.019	19.229
277.112	38513.230	43284.660	28.134
29433.568	25.965	1.020	14.792
1/16/2017 8:15:00 AM	382500.000	123.033	19.228
277.144	38517.367	43289.793	28.138

29437.059	25.962	1.020	14.803
1/16/2017 8:30:00 AM	383400.000	123.060	19.233
277.204	38493.035	43257.422	28.115
29415.049	25.979	1.020	14.808
1/16/2017 8:45:00 AM	384300.000	123.048	19.234
277.177	38501.605	43266.488	28.121
29421.215	25.973	1.020	14.805
1/16/2017 9:00:00 AM	385200.000	123.077	19.226
277.243	38505.602	43278.523	28.130
29429.398	25.970	1.020	14.808
1/16/2017 9:15:00 AM	386100.000	123.084	19.220
277.259	38490.711	43267.215	28.121
29421.709	25.980	1.020	14.809
1/16/2017 9:30:00 AM	387000.000	123.093	19.219
277.278	38477.871	43253.832	28.111
29412.607	25.989	1.020	14.801
1/16/2017 9:45:00 AM	387900.000	123.133	19.209
277.369	38475.297	43260.660	28.116
29417.252	25.991	1.020	14.807
1/16/2017 10:00:00 AM	388800.000	123.189	19.208
277.495	38483.410	43270.520	28.123
29423.953	25.985	1.020	14.812
1/16/2017 10:15:00 AM	389700.000	123.230	19.225
277.587	38524.766	43300.625	28.145
29444.428	25.957	1.020	14.809
1/16/2017 10:30:00 AM	390600.000	123.239	19.249
277.608	38567.516	43326.762	28.165
29462.199	25.929	1.020	14.815
1/16/2017 10:45:00 AM	391500.000	123.268	19.253
277.674	38639.598	43403.508	28.221
29514.385	25.880	1.020	14.811
1/16/2017 11:00:00 AM	392400.000	123.309	19.254
277.766	38702.742	43473.793	28.272
29562.182	25.838	1.020	14.809
1/16/2017 11:15:00 AM	393300.000	123.337	19.255
277.828	38725.348	43498.289	28.290
29578.836	25.823	1.020	14.809
1/16/2017 11:30:00 AM	394200.000	123.369	19.254
277.900	38791.188	43573.141	28.344
29629.738	25.779	1.020	14.811
1/16/2017 11:45:00 AM	395100.000	123.371	19.256
277.906	38811.621	43594.793	28.359
29644.461	25.765	1.020	14.806
1/16/2017 12:00:00 PM	396000.000	123.385	19.256
277.937	38858.055	43646.371	28.397
29679.535	25.735	1.020	14.795
1/16/2017 12:15:00 PM	396900.000	123.380	19.258
277.926	38928.031	43723.012	28.452
29731.648	25.688	1.020	14.792
1/16/2017 12:30:00 PM	397800.000	123.392	19.270
277.952	38956.336	43743.418	28.467
29745.527	25.670	1.020	14.790
1/16/2017 12:45:00 PM	398700.000	123.398	19.284
277.966	38973.273	43749.906	28.473
29749.939	25.659	1.020	14.788

1/16/2017 1:00:00 PM	399600.000	123.425	19.277
278.026	38985.082	43769.230	28.486
29763.076	25.651	1.020	14.786
1/16/2017 1:15:00 PM	400500.000	123.425	19.264
278.026	38953.438	43745.977	28.469
29747.266	25.672	1.020	14.779
1/16/2017 1:30:00 PM	401400.000	123.426	19.257
278.030	38978.762	43781.457	28.494
29771.393	25.655	1.020	14.778
1/16/2017 1:45:00 PM	402300.000	123.368	19.250
277.898	38946.441	43751.867	28.473
29751.270	25.676	1.020	14.777
1/16/2017 2:00:00 PM	403200.000	123.412	19.248
277.997	38945.652	43752.637	28.473
29751.795	25.677	1.020	14.770
1/16/2017 2:15:00 PM	404100.000	123.380	19.246
277.926	38905.773	43709.457	28.442
29722.434	25.703	1.020	14.773
1/16/2017 2:30:00 PM	405000.000	123.340	19.246
277.834	38870.762	43670.207	28.413
29695.742	25.726	1.020	14.775
1/16/2017 2:45:00 PM	405900.000	123.304	19.241
277.754	38862.047	43664.836	28.409
29692.090	25.732	1.020	14.775
1/16/2017 3:00:00 PM	406800.000	123.261	19.240
277.658	38802.652	43598.996	28.362
29647.320	25.771	1.020	14.770
1/16/2017 3:15:00 PM	407700.000	123.223	19.238
277.572	38782.410	43578.617	28.347
29633.463	25.785	1.020	14.771
1/16/2017 3:30:00 PM	408600.000	123.172	19.238
277.457	38692.406	43477.164	28.274
29564.475	25.845	1.020	14.769
1/16/2017 3:45:00 PM	409500.000	123.155	19.241
277.419	38662.422	43440.461	28.247
29539.514	25.865	1.020	14.771
1/16/2017 4:00:00 PM	410400.000	123.118	19.236
277.335	38611.625	43388.578	28.209
29504.236	25.899	1.020	14.769
1/16/2017 4:15:00 PM	411300.000	123.043	19.234
277.166	38587.809	43363.281	28.191
29487.031	25.915	1.020	14.771
1/16/2017 4:30:00 PM	412200.000	123.030	19.236
277.138	38486.660	43248.324	28.108
29408.863	25.983	1.020	14.775
1/16/2017 4:45:00 PM	413100.000	122.959	19.238
276.978	38487.582	43246.926	28.107
29407.912	25.982	1.020	14.770
1/16/2017 5:00:00 PM	414000.000	122.928	19.238
276.907	38425.262	43176.738	28.057
29360.184	26.025	1.020	14.765
1/16/2017 5:15:00 PM	414900.000	122.881	19.236
276.802	38427.910	43181.492	28.060
29363.414	26.023	1.020	14.772
1/16/2017 5:30:00 PM	415800.000	122.840	19.234

276.709	38439.254	43196.664	28.071
29373.734	26.015	1.020	14.770
1/16/2017 5:45:00 PM	416700.000	122.787	19.233
276.590	38337.520	43082.984	27.989
29296.430	26.084	1.020	14.776
1/16/2017 6:00:00 PM	417600.000	122.755	19.233
276.518	38361.070	43109.125	28.007
29314.207	26.068	1.020	14.775
1/16/2017 6:15:00 PM	418500.000	122.723	19.234
276.445	38329.258	43072.734	27.981
29289.461	26.090	1.020	14.770
1/16/2017 6:30:00 PM	419400.000	122.702	19.232
276.398	38354.598	43103.551	28.003
29310.416	26.072	1.020	14.769
1/16/2017 6:45:00 PM	420300.000	122.695	19.223
276.383	38339.809	43094.844	27.997
29304.494	26.083	1.020	14.771
1/16/2017 7:00:00 PM	421200.000	122.631	19.222
276.239	38308.715	43061.180	27.972
29281.604	26.104	1.020	14.769
1/16/2017 7:15:00 PM	422100.000	122.676	19.213
276.339	38346.578	43111.410	28.008
29315.762	26.078	1.020	14.771
1/16/2017 7:30:00 PM	423000.000	122.600	19.215
276.168	38339.605	43102.035	28.002
29309.385	26.083	1.020	14.775
1/16/2017 7:45:00 PM	423900.000	122.606	19.244
276.181	38374.992	43114.922	28.012
29318.148	26.059	1.020	14.770
1/16/2017 8:00:00 PM	424800.000	122.611	19.249
276.193	38490.328	43239.723	28.102
29403.014	25.981	1.020	14.771
1/16/2017 8:15:00 PM	425700.000	122.634	19.252
276.244	38530.859	43283.148	28.134
29432.543	25.953	1.020	14.773
1/16/2017 8:30:00 PM	426600.000	122.634	19.250
276.246	38587.563	43347.988	28.181
29476.635	25.915	1.020	14.779
1/16/2017 8:45:00 PM	427500.000	122.654	19.250
276.291	38662.414	43432.559	28.242
29534.141	25.865	1.020	14.784
1/16/2017 9:00:00 PM	428400.000	122.658	19.249
276.300	38731.914	43511.617	28.299
29587.902	25.819	1.020	14.790
1/16/2017 9:15:00 PM	429300.000	122.703	19.249
276.400	38795.023	43582.430	28.350
29636.055	25.777	1.020	14.786
1/16/2017 9:30:00 PM	430200.000	122.719	19.248
276.436	38856.789	43652.305	28.401
29683.568	25.736	1.020	14.778
1/16/2017 9:45:00 PM	431100.000	122.768	19.248
276.547	38935.027	43740.367	28.464
29743.449	25.684	1.020	14.784
1/16/2017 10:00:00 PM	432000.000	122.792	19.248
276.602	39001.633	43815.523	28.519

29794.557	25.640	1.020	14.785
1/16/2017 10:15:00 PM	432900.000	122.854	19.247
276.740	39045.961	43866.137	28.555
29828.975	25.611	1.020	14.779
1/16/2017 10:30:00 PM	433800.000	122.878	19.246
276.795	39128.734	43959.699	28.623
29892.598	25.557	1.020	14.779
1/16/2017 10:45:00 PM	434700.000	122.922	19.247
276.894	39185.176	44022.781	28.669
29935.494	25.520	1.020	14.784
1/16/2017 11:00:00 PM	435600.000	122.959	19.246
276.976	39231.273	44075.234	28.707
29971.160	25.490	1.020	14.785
1/16/2017 11:15:00 PM	436500.000	122.996	19.245
277.061	39313.082	44168.473	28.774
30034.563	25.437	1.020	14.780
1/16/2017 11:30:00 PM	437400.000	123.076	19.245
277.241	39342.871	44201.941	28.798
30057.322	25.418	1.020	14.774
1/16/2017 11:45:00 PM	438300.000	123.112	19.244
277.322	39410.773	44279.129	28.854
30109.811	25.374	1.020	14.776
1/17/2017 12:00:00 AM	439200.000	123.165	19.243
277.441	39474.102	44350.781	28.906
30158.533	25.333	1.020	14.778
1/17/2017 12:15:00 AM	440100.000	123.181	19.243
277.478	39493.953	44373.172	28.923
30173.760	25.320	1.020	14.775
1/17/2017 12:30:00 AM	441000.000	123.234	19.242
277.597	39573.348	44463.047	28.988
30234.875	25.270	1.020	14.776
1/17/2017 12:45:00 AM	441900.000	123.270	19.242
277.677	39636.371	44534.520	29.039
30283.475	25.229	1.020	14.775
1/17/2017 1:00:00 AM	442800.000	123.305	19.242
277.757	39661.871	44562.586	29.060
30302.561	25.213	1.020	14.780
1/17/2017 1:15:00 AM	443700.000	123.324	19.241
277.799	39685.012	44589.578	29.079
30320.916	25.198	1.020	14.774
1/17/2017 1:30:00 AM	444600.000	123.374	19.243
277.912	39718.715	44625.453	29.106
30345.311	25.177	1.020	14.775
1/17/2017 1:45:00 AM	445500.000	123.368	19.243
277.898	39753.527	44664.977	29.134
30372.186	25.155	1.020	14.782
1/17/2017 2:00:00 AM	446400.000	123.384	19.245
277.934	39773.617	44685.133	29.149
30385.893	25.142	1.020	14.780
1/17/2017 2:15:00 AM	447300.000	123.398	19.265
277.967	39793.172	44687.848	29.152
30387.736	25.130	1.020	14.775
1/17/2017 2:30:00 AM	448200.000	123.390	19.265
277.948	39819.762	44718.293	29.174
30408.441	25.113	1.021	14.775

1/17/2017 2:45:00 AM	449100.000	123.413	19.261
277.999	39845.137	44750.223	29.197
30430.152	25.097	1.021	14.772
1/17/2017 3:00:00 AM	450000.000	123.403	19.255
277.977	39848.801	44759.879	29.204
30436.721	25.095	1.021	14.777
1/17/2017 3:15:00 AM	450900.000	123.418	19.249
278.011	39806.797	44719.059	29.174
30408.963	25.121	1.021	14.777
1/17/2017 3:30:00 AM	451800.000	123.418	19.247
278.012	39754.930	44662.625	29.133
30370.588	25.154	1.020	14.767
1/17/2017 3:45:00 AM	452700.000	123.369	19.242
277.901	39740.039	44650.918	29.124
30362.627	25.164	1.020	14.776
1/17/2017 4:00:00 AM	453600.000	123.363	19.240
277.887	39655.160	44557.469	29.056
30299.080	25.217	1.020	14.775
1/17/2017 4:15:00 AM	454500.000	123.337	19.238
277.828	39653.023	44556.316	29.055
30298.297	25.219	1.020	14.778
1/17/2017 4:30:00 AM	455400.000	123.340	19.236
277.834	39575.898	44471.566	28.994
30240.668	25.268	1.020	14.773
1/17/2017 4:45:00 AM	456300.000	123.292	19.236
277.727	39472.434	44355.805	28.910
30161.949	25.334	1.020	14.774
1/17/2017 5:00:00 AM	457200.000	123.265	19.235
277.666	39398.363	44272.992	28.850
30105.637	25.382	1.020	14.784
1/17/2017 5:15:00 AM	458100.000	123.254	19.234
277.642	39341.660	44210.832	28.804
30063.365	25.418	1.020	14.770
1/17/2017 5:30:00 AM	459000.000	123.215	19.233
277.554	39218.820	44073.543	28.705
29970.012	25.498	1.020	14.775
1/17/2017 5:45:00 AM	459900.000	123.205	19.231
277.530	39119.664	43964.000	28.625
29895.521	25.563	1.020	14.773
1/17/2017 6:00:00 AM	460800.000	123.158	19.229
277.424	39059.355	43898.281	28.578
29850.834	25.602	1.020	14.772
1/17/2017 6:15:00 AM	461700.000	123.132	19.230
277.367	39014.438	43846.973	28.541
29815.943	25.632	1.020	14.773
1/17/2017 6:30:00 AM	462600.000	123.114	19.227
277.327	38919.938	43743.727	28.466
29745.734	25.694	1.020	14.773
1/17/2017 6:45:00 AM	463500.000	123.084	19.229
277.259	38843.004	43655.289	28.402
29685.598	25.745	1.020	14.775
1/17/2017 7:00:00 AM	464400.000	123.086	19.229
277.262	38834.633	43645.148	28.395
29678.703	25.750	1.020	14.773
1/17/2017 7:15:00 AM	465300.000	123.046	19.227

277.173	38739.105	43539.582	28.318
29606.918	25.814	1.020	14.781
1/17/2017 7:30:00 AM	466200.000	123.049	19.226
277.179	38672.496	43465.688	28.265
29556.670	25.858	1.020	14.775
1/17/2017 7:45:00 AM	467100.000	123.015	19.225
277.104	38671.066	43465.305	28.264
29556.410	25.859	1.020	14.780
1/17/2017 8:00:00 AM	468000.000	123.036	19.227
277.150	38621.352	43407.969	28.223
29517.422	25.892	1.020	14.769
1/17/2017 8:15:00 AM	468900.000	123.022	19.227
277.120	38594.188	43377.438	28.201
29496.660	25.911	1.020	14.767
1/17/2017 8:30:00 AM	469800.000	123.035	19.228
277.148	38595.238	43377.637	28.201
29496.793	25.910	1.020	14.749
1/17/2017 8:45:00 AM	470700.000	123.049	19.229
277.181	38563.664	43340.688	28.175
29471.670	25.931	1.020	14.756
1/17/2017 9:00:00 AM	471600.000	123.042	19.231
277.165	38596.359	43375.805	28.200
29495.549	25.909	1.020	14.770
1/17/2017 9:15:00 AM	472500.000	123.059	19.227
277.203	38569.297	43349.129	28.181
29477.410	25.927	1.020	14.774
1/17/2017 9:30:00 AM	473400.000	123.042	19.219
277.165	38569.285	43356.676	28.186
29482.541	25.927	1.020	14.795
1/17/2017 9:45:00 AM	474300.000	123.080	19.214
277.249	38566.188	43357.578	28.186
29483.156	25.929	1.020	14.802
1/17/2017 10:00:00 AM	475200.000	123.071	19.203
277.229	38571.875	43374.531	28.198
29494.682	25.926	1.020	14.801
1/17/2017 10:15:00 AM	476100.000	123.066	19.204
277.218	38541.754	43339.773	28.173
29471.049	25.946	1.020	14.811
1/17/2017 10:30:00 AM	477000.000	123.112	19.209
277.321	38580.859	43379.105	28.201
29497.795	25.920	1.020	14.806
1/17/2017 10:45:00 AM	477900.000	123.135	19.241
277.374	38670.293	43449.383	28.254
29545.582	25.860	1.020	14.797
1/17/2017 11:00:00 AM	478800.000	123.188	19.248
277.494	38698.277	43474.727	28.272
29562.816	25.841	1.020	14.797
1/17/2017 11:15:00 AM	479700.000	123.197	19.249
277.514	38769.066	43553.270	28.329
29616.225	25.794	1.020	14.790
1/17/2017 11:30:00 AM	480600.000	123.208	19.250
277.539	38818.316	43607.531	28.368
29653.121	25.761	1.020	14.792
1/17/2017 11:45:00 AM	481500.000	123.239	19.249
277.608	38902.660	43702.934	28.437

29717.996	25.705	1.020	14.792
1/17/2017 12:00:00 PM	482400.000	123.257	19.249
277.648	38944.641	43750.676	28.472
29750.459	25.677	1.020	14.787
1/17/2017 12:15:00 PM	483300.000	123.284	19.249
277.709	38987.453	43798.023	28.506
29782.658	25.649	1.020	14.788
1/17/2017 12:30:00 PM	484200.000	123.310	19.249
277.767	39026.293	43842.152	28.538
29812.666	25.624	1.020	14.778
1/17/2017 12:45:00 PM	485100.000	123.321	19.249
277.792	39083.387	43906.621	28.585
29856.502	25.586	1.020	14.778
1/17/2017 1:00:00 PM	486000.000	123.327	19.248
277.805	39167.609	44001.484	28.653
29921.012	25.531	1.020	14.778
1/17/2017 1:15:00 PM	486900.000	123.350	19.249
277.858	39204.039	44042.086	28.683
29948.619	25.508	1.020	14.769
1/17/2017 1:30:00 PM	487800.000	123.364	19.248
277.890	39229.066	44070.777	28.704
29968.131	25.491	1.020	14.768
1/17/2017 1:45:00 PM	488700.000	123.351	19.251
277.860	39268.836	44112.234	28.734
29996.322	25.465	1.020	14.768
1/17/2017 2:00:00 PM	489600.000	123.334	19.277
277.822	39367.492	44198.813	28.798
30055.195	25.402	1.020	14.774
1/17/2017 2:15:00 PM	490500.000	123.330	19.268
277.812	39364.129	44203.891	28.801
30058.646	25.404	1.020	14.774
1/17/2017 2:30:00 PM	491400.000	123.322	19.262
277.796	39316.043	44154.934	28.765
30025.355	25.435	1.020	14.770
1/17/2017 2:45:00 PM	492300.000	123.318	19.259
277.785	39297.645	44137.898	28.753
30013.773	25.447	1.020	14.774
1/17/2017 3:00:00 PM	493200.000	123.298	19.253
277.740	39315.637	44162.988	28.771
30030.834	25.435	1.020	14.772
1/17/2017 3:15:00 PM	494100.000	123.280	19.250
277.699	39305.059	44154.000	28.764
30024.723	25.442	1.020	14.779
1/17/2017 3:30:00 PM	495000.000	123.255	19.241
277.645	39236.379	44085.430	28.714
29978.094	25.487	1.020	14.772
1/17/2017 3:45:00 PM	495900.000	123.241	19.241
277.613	39253.938	44105.402	28.728
29991.674	25.475	1.020	14.771
1/17/2017 4:00:00 PM	496800.000	123.222	19.240
277.570	39192.547	44037.832	28.679
29945.729	25.515	1.020	14.775
1/17/2017 4:15:00 PM	497700.000	123.169	19.238
277.451	39136.008	43975.289	28.634
29903.199	25.552	1.020	14.786

1/17/2017 4:30:00 PM	498600.000	123.151	19.238
277.409	39098.277	43933.383	28.604
29874.703	25.577	1.020	14.790
1/17/2017 4:45:00 PM	499500.000	123.111	19.237
277.319	39067.418	43899.855	28.579
29851.904	25.597	1.020	14.780
1/17/2017 5:00:00 PM	500400.000	123.086	19.233
277.263	39024.293	43854.609	28.546
29821.137	25.625	1.020	14.789
1/17/2017 5:15:00 PM	501300.000	123.017	19.232
277.108	38946.844	43768.641	28.484
29762.678	25.676	1.020	14.794
1/17/2017 5:30:00 PM	502200.000	123.005	19.233
277.081	38892.949	43707.008	28.440
29720.768	25.712	1.020	14.794
1/17/2017 5:45:00 PM	503100.000	122.968	19.231
276.997	38874.820	43688.836	28.426
29708.410	25.724	1.020	14.791
1/17/2017 6:00:00 PM	504000.000	122.933	19.233
276.919	38799.363	43601.996	28.364
29649.359	25.774	1.020	14.790
1/17/2017 6:15:00 PM	504900.000	122.902	19.232
276.849	38806.801	43611.742	28.371
29655.984	25.769	1.020	14.800
1/17/2017 6:30:00 PM	505800.000	122.870	19.229
276.776	38768.270	43570.891	28.341
29628.207	25.794	1.020	14.796
1/17/2017 6:45:00 PM	506700.000	122.842	19.232
276.714	38708.516	43500.719	28.290
29580.490	25.834	1.020	14.796
1/17/2017 7:00:00 PM	507600.000	122.808	19.232
276.637	38678.453	43467.180	28.266
29557.684	25.854	1.020	14.797
1/17/2017 7:15:00 PM	508500.000	122.796	19.233
276.609	38704.512	43495.246	28.286
29576.770	25.837	1.020	14.794
1/17/2017 7:30:00 PM	509400.000	122.791	19.228
276.599	38678.797	43471.066	28.269
29560.328	25.854	1.020	14.798
1/17/2017 7:45:00 PM	510300.000	122.732	19.230
276.467	38684.191	43475.094	28.272
29563.066	25.850	1.020	14.801
1/17/2017 8:00:00 PM	511200.000	122.735	19.225
276.473	38640.164	43430.891	28.240
29533.006	25.880	1.020	14.802
1/17/2017 8:15:00 PM	512100.000	122.710	19.228
276.417	38681.594	43474.211	28.271
29562.463	25.852	1.020	14.805
1/17/2017 8:30:00 PM	513000.000	122.733	19.216
276.469	38695.629	43501.320	28.290
29580.900	25.843	1.020	14.805
1/17/2017 8:45:00 PM	513900.000	122.745	19.217
276.495	38657.098	43457.504	28.258
29551.105	25.868	1.020	14.806
1/17/2017 9:00:00 PM	514800.000	122.709	19.211

276.414	38644.883	43449.309	28.252
29545.531	25.877	1.020	14.802
1/17/2017 9:15:00 PM	515700.000	122.731	19.203
276.462	38670.234	43485.387	28.278
29570.064	25.860	1.020	14.795
1/17/2017 9:30:00 PM	516600.000	122.785	19.215
276.585	38650.238	43451.086	28.254
29546.740	25.873	1.020	14.794
1/17/2017 9:45:00 PM	517500.000	122.801	19.241
276.622	38725.828	43512.023	28.299
29588.176	25.823	1.020	14.790
1/17/2017 10:00:00 PM	518400.000	122.805	19.246
276.629	38777.402	43565.164	28.338
29624.313	25.788	1.020	14.790
1/17/2017 10:15:00 PM	519300.000	122.847	19.246
276.725	38827.020	43620.980	28.378
29662.270	25.755	1.020	14.788
1/17/2017 10:30:00 PM	520200.000	122.851	19.246
276.734	38829.078	43622.973	28.379
29663.621	25.754	1.020	14.795
1/17/2017 10:45:00 PM	521100.000	122.900	19.247
276.844	38931.523	43737.164	28.462
29741.271	25.686	1.020	14.794
1/17/2017 11:00:00 PM	522000.000	122.949	19.246
276.954	38976.465	43788.555	28.499
29776.219	25.657	1.020	14.787
1/17/2017 11:15:00 PM	522900.000	122.971	19.246
277.004	39055.039	43876.906	28.563
29836.299	25.605	1.020	14.797
1/17/2017 11:30:00 PM	523800.000	123.010	19.246
277.092	39106.359	43934.980	28.605
29875.787	25.571	1.020	14.792
1/17/2017 11:45:00 PM	524700.000	123.046	19.247
277.174	39143.027	43975.266	28.634
29903.184	25.547	1.020	14.790
1/18/2017 12:00:00 AM	525600.000	123.111	19.246
277.320	39181.109	44018.715	28.666
29932.729	25.523	1.020	14.777
1/18/2017 12:15:00 AM	526500.000	123.138	19.245
277.381	39270.281	44119.645	28.739
30001.359	25.465	1.020	14.783
1/18/2017 12:30:00 AM	527400.000	123.171	19.245
277.454	39322.832	44178.598	28.782
30041.449	25.431	1.020	14.775
1/18/2017 12:45:00 AM	528300.000	123.213	19.246
277.550	39358.555	44218.652	28.811
30068.686	25.407	1.020	14.779
1/18/2017 1:00:00 AM	529200.000	123.249	19.246
277.631	39422.133	44289.992	28.862
30117.197	25.366	1.020	14.775
1/18/2017 1:15:00 AM	530100.000	123.291	19.246
277.725	39445.828	44316.699	28.882
30135.357	25.351	1.020	14.775
1/18/2017 1:30:00 AM	531000.000	123.313	19.247
277.774	39512.750	44390.223	28.935

30185.352	25.308	1.020	14.784
1/18/2017 1:45:00 AM	531900.000	123.333	19.267
277.820	39529.922	44390.305	28.936
30185.410	25.297	1.020	14.792
1/18/2017 2:00:00 AM	532800.000	123.358	19.270
277.876	39550.660	44411.355	28.951
30199.725	25.284	1.020	14.784
1/18/2017 2:15:00 AM	533700.000	123.390	19.262
277.947	39567.906	44437.703	28.970
30217.641	25.273	1.020	14.788
1/18/2017 2:30:00 AM	534600.000	123.390	19.255
277.948	39522.809	44393.867	28.938
30187.832	25.302	1.020	14.791
1/18/2017 2:45:00 AM	535500.000	123.412	19.252
277.999	39506.855	44379.027	28.927
30177.740	25.312	1.020	14.789
1/18/2017 3:00:00 AM	536400.000	123.422	19.248
278.019	39522.223	44400.035	28.942
30192.023	25.302	1.020	14.782
1/18/2017 3:15:00 AM	537300.000	123.453	19.247
278.090	39468.418	44340.742	28.899
30151.707	25.337	1.020	14.783
1/18/2017 3:30:00 AM	538200.000	123.400	19.245
277.972	39417.219	44284.727	28.858
30113.617	25.370	1.020	14.785
1/18/2017 3:45:00 AM	539100.000	123.448	19.244
278.078	39379.875	44244.414	28.829
30086.203	25.394	1.020	14.783
1/18/2017 4:00:00 AM	540000.000	123.427	19.243
278.031	39313.777	44170.824	28.776
30036.162	25.436	1.020	14.777
1/18/2017 4:15:00 AM	540900.000	123.417	19.244
278.009	39180.488	44020.078	28.667
29933.654	25.523	1.020	14.785
1/18/2017 4:30:00 AM	541800.000	123.388	19.243
277.943	39090.887	43920.309	28.594
29865.813	25.581	1.020	14.784
1/18/2017 4:45:00 AM	542700.000	123.370	19.239
277.904	38990.715	43811.371	28.515
29791.734	25.647	1.020	14.786
1/18/2017 5:00:00 AM	543600.000	123.375	19.239
277.914	38923.242	43735.391	28.460
29740.068	25.692	1.020	14.785
1/18/2017 5:15:00 AM	544500.000	123.346	19.242
277.849	38773.832	43564.988	28.337
29624.193	25.791	1.020	14.779
1/18/2017 5:30:00 AM	545400.000	123.320	19.235
277.790	38743.605	43537.785	28.317
29605.693	25.811	1.020	14.778
1/18/2017 5:45:00 AM	546300.000	123.305	19.240
277.755	38612.453	43385.609	28.207
29502.217	25.898	1.020	14.768
1/18/2017 6:00:00 AM	547200.000	123.271	19.238
277.680	38542.445	43309.055	28.152
29450.158	25.945	1.020	14.779

1/18/2017 6:15:00 AM	548100.000	123.254	19.238
277.641	38445.449	43199.746	28.073
29375.830	26.011	1.020	14.785
1/18/2017 6:30:00 AM	549000.000	123.212	19.238
277.548	38326.762	43066.301	27.977
29285.086	26.091	1.020	14.789
1/18/2017 6:45:00 AM	549900.000	123.177	19.238
277.467	38283.801	43018.027	27.942
29252.260	26.121	1.020	14.788
1/18/2017 7:00:00 AM	550800.000	123.147	19.240
277.400	38200.031	42922.285	27.873
29187.154	26.178	1.020	14.770
1/18/2017 7:15:00 AM	551700.000	123.159	19.239
277.429	38139.809	42855.102	27.824
29141.471	26.219	1.019	14.773
1/18/2017 7:30:00 AM	552600.000	123.138	19.242
277.381	38074.203	42779.387	27.770
29089.982	26.265	1.019	14.776
1/18/2017 7:45:00 AM	553500.000	123.096	19.242
277.285	38037.613	42737.875	27.740
29061.758	26.290	1.019	14.764
1/18/2017 8:00:00 AM	554400.000	123.074	19.243
277.235	38019.195	42716.457	27.725
29047.193	26.303	1.019	14.758
1/18/2017 8:15:00 AM	555300.000	123.091	19.240
277.274	37992.219	42688.781	27.705
29028.371	26.321	1.019	14.759
1/18/2017 8:30:00 AM	556200.000	123.020	19.241
277.116	37989.684	42684.977	27.702
29025.787	26.323	1.019	14.755
1/18/2017 8:45:00 AM	557100.000	123.084	19.247
277.259	37959.336	42645.055	27.673
28998.639	26.344	1.019	14.746
1/18/2017 9:00:00 AM	558000.000	123.071	19.242
277.230	37965.973	42657.223	27.682
29006.914	26.339	1.019	14.741
1/18/2017 9:15:00 AM	558900.000	123.015	19.232
277.104	37958.715	42657.934	27.682
29007.396	26.344	1.019	14.745
1/18/2017 9:30:00 AM	559800.000	123.063	19.235
277.212	37966.367	42664.371	27.687
29011.773	26.339	1.019	14.738
1/18/2017 9:45:00 AM	560700.000	123.040	19.233
277.159	37967.418	42667.234	27.689
29013.719	26.338	1.019	14.742
1/18/2017 10:00:00 AM	561600.000	123.044	19.228
277.169	37984.570	42691.461	27.706
29030.195	26.326	1.019	14.742
1/18/2017 10:15:00 AM	562500.000	122.983	19.247
277.031	37977.680	42665.898	27.688
29012.813	26.331	1.019	14.772
1/18/2017 10:30:00 AM	563400.000	123.026	19.263
277.129	38070.172	42754.988	27.753
29073.395	26.267	1.019	14.777
1/18/2017 10:45:00 AM	564300.000	123.047	19.265

277.176	38094.449	42780.344	27.772
29090.635	26.251	1.019	14.783
1/18/2017 11:00:00 AM	565200.000	123.036	19.265
277.150	38155.957	42849.895	27.822
29137.930	26.208	1.019	14.776
1/18/2017 11:15:00 AM	566100.000	123.051	19.265
277.184	38241.531	42946.078	27.891
29203.334	26.150	1.020	14.772
1/18/2017 11:30:00 AM	567000.000	123.066	19.265
277.218	38279.500	42988.320	27.922
29232.059	26.124	1.020	14.773
1/18/2017 11:45:00 AM	567900.000	123.097	19.264
277.288	38353.020	43071.609	27.982
29288.695	26.074	1.020	14.771
1/18/2017 12:00:00 PM	568800.000	123.119	19.264
277.337	38410.629	43136.145	28.028
29332.578	26.034	1.020	14.760
1/18/2017 12:15:00 PM	569700.000	123.103	19.265
277.301	38446.578	43176.270	28.057
29359.865	26.010	1.020	14.761
1/18/2017 12:30:00 PM	570600.000	123.136	19.265
277.376	38538.867	43279.508	28.132
29430.066	25.948	1.020	14.746
1/18/2017 12:45:00 PM	571500.000	123.175	19.265
277.463	38560.945	43304.871	28.150
29447.313	25.933	1.020	14.743
1/18/2017 1:00:00 PM	572400.000	123.181	19.265
277.477	38621.762	43372.438	28.199
29493.260	25.892	1.020	14.740
1/18/2017 1:15:00 PM	573300.000	123.190	19.265
277.497	38650.734	43405.219	28.223
29515.551	25.873	1.020	14.730
1/18/2017 1:30:00 PM	574200.000	123.226	19.265
277.577	38691.633	43451.234	28.256
29546.840	25.845	1.020	14.725
1/18/2017 1:45:00 PM	575100.000	123.231	19.265
277.590	38738.012	43503.070	28.293
29582.088	25.814	1.020	14.723
1/18/2017 2:00:00 PM	576000.000	123.260	19.266
277.655	38761.516	43528.730	28.312
29599.539	25.799	1.020	14.714
1/18/2017 2:15:00 PM	576900.000	123.271	19.268
277.680	38801.988	43572.059	28.343
29629.002	25.772	1.020	14.706
1/18/2017 2:30:00 PM	577800.000	123.269	19.279
277.677	38842.684	43607.316	28.369
29652.975	25.745	1.020	14.700
1/18/2017 2:45:00 PM	578700.000	123.283	19.288
277.707	38861.586	43620.945	28.380
29662.242	25.732	1.020	14.690
1/18/2017 3:00:00 PM	579600.000	123.314	19.284
277.776	38880.820	43646.297	28.398
29679.484	25.720	1.020	14.676
1/18/2017 3:15:00 PM	580500.000	123.300	19.269
277.746	38884.078	43663.582	28.410

29691.238	25.717	1.020	14.673
1/18/2017 3:30:00 PM	581400.000	123.274	19.266
277.687	38844.914	43622.871	28.380
29663.553	25.743	1.020	14.667
1/18/2017 3:45:00 PM	582300.000	123.297	19.261
277.739	38830.934	43611.020	28.371
29655.494	25.753	1.020	14.672
1/18/2017 4:00:00 PM	583200.000	123.264	19.254
277.663	38834.129	43621.133	28.378
29662.373	25.751	1.020	14.672
1/18/2017 4:15:00 PM	584100.000	123.266	19.252
277.669	38818.816	43606.469	28.368
29652.398	25.761	1.020	14.660
1/18/2017 4:30:00 PM	585000.000	123.291	19.251
277.726	38817.883	43606.227	28.367
29652.234	25.761	1.020	14.654
1/18/2017 4:45:00 PM	585900.000	123.257	19.246
277.648	38792.207	43582.195	28.350
29635.895	25.778	1.020	14.657
1/18/2017 5:00:00 PM	586800.000	123.254	19.244
277.642	38775.148	43564.988	28.337
29624.193	25.790	1.020	14.647
1/18/2017 5:15:00 PM	587700.000	123.230	19.246
277.588	38738.750	43521.492	28.306
29594.615	25.814	1.020	14.638
1/18/2017 5:30:00 PM	588600.000	123.188	19.248
277.493	38748.238	43530.926	28.313
29601.031	25.808	1.020	14.635
1/18/2017 5:45:00 PM	589500.000	123.170	19.248
277.453	38711.961	43489.934	28.283
29573.156	25.832	1.020	14.632
1/18/2017 6:00:00 PM	590400.000	123.148	19.242
277.403	38667.313	43445.387	28.251
29542.863	25.862	1.020	14.630
1/18/2017 6:15:00 PM	591300.000	123.145	19.241
277.396	38634.070	43409.332	28.225
29518.348	25.884	1.020	14.622
1/18/2017 6:30:00 PM	592200.000	123.112	19.243
277.321	38630.566	43403.203	28.220
29514.180	25.886	1.020	14.629
1/18/2017 6:45:00 PM	593100.000	123.109	19.240
277.316	38591.766	43362.039	28.190
29486.189	25.912	1.020	14.627
1/18/2017 7:00:00 PM	594000.000	123.048	19.241
277.178	38595.551	43365.246	28.193
29488.369	25.910	1.020	14.631
1/18/2017 7:15:00 PM	594900.000	123.038	19.242
277.155	38513.926	43272.883	28.126
29425.563	25.965	1.020	14.629
1/18/2017 7:30:00 PM	595800.000	123.013	19.241
277.099	38521.391	43282.566	28.133
29432.146	25.960	1.020	14.635
1/18/2017 7:45:00 PM	596700.000	123.026	19.242
277.128	38478.402	43232.637	28.097
29398.195	25.989	1.020	14.637

1/18/2017 8:00:00 PM	597600.000	122.970	19.236
277.001	38497.184	43259.730	28.116
29416.619	25.976	1.020	14.639
1/18/2017 8:15:00 PM	598500.000	122.970	19.239
277.003	38463.250	43219.027	28.087
29388.941	25.999	1.020	14.640
1/18/2017 8:30:00 PM	599400.000	122.930	19.241
276.913	38449.074	43200.668	28.074
29376.457	26.008	1.020	14.641
1/18/2017 8:45:00 PM	600300.000	122.956	19.239
276.971	38448.641	43202.758	28.075
29377.877	26.009	1.020	14.645
1/18/2017 9:00:00 PM	601200.000	122.930	19.237
276.912	38455.074	43211.605	28.082
29383.895	26.004	1.020	14.653
1/18/2017 9:15:00 PM	602100.000	122.953	19.233
276.964	38445.090	43204.109	28.076
29378.795	26.011	1.020	14.646
1/18/2017 9:30:00 PM	603000.000	122.937	19.234
276.927	38403.297	43155.855	28.041
29345.984	26.039	1.020	14.647
1/18/2017 9:45:00 PM	603900.000	122.996	19.223
277.060	38433.324	43199.957	28.073
29375.973	26.019	1.020	14.649
1/18/2017 10:00:00 PM	604800.000	122.947	19.219
276.950	38412.918	43180.902	28.059
29363.014	26.033	1.020	14.658
1/18/2017 10:15:00 PM	605700.000	122.978	19.243
277.020	38433.859	43182.266	28.061
29363.943	26.019	1.020	14.657
1/18/2017 10:30:00 PM	606600.000	122.999	19.257
277.066	38480.535	43221.520	28.090
29390.635	25.987	1.020	14.660
1/18/2017 10:45:00 PM	607500.000	122.968	19.259
276.997	38522.461	43266.508	28.122
29421.229	25.959	1.020	14.655
1/18/2017 11:00:00 PM	608400.000	123.027	19.260
277.131	38576.156	43326.090	28.165
29461.744	25.923	1.020	14.656
1/18/2017 11:15:00 PM	609300.000	123.031	19.261
277.139	38601.977	43354.523	28.186
29481.078	25.905	1.020	14.665
1/18/2017 11:30:00 PM	610200.000	123.098	19.263
277.289	38698.230	43460.438	28.263
29553.100	25.841	1.020	14.657
1/18/2017 11:45:00 PM	611100.000	123.103	19.265
277.301	38681.309	43439.875	28.248
29539.115	25.852	1.020	14.670

Report Date: 1/20/2017 8:27:47 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_2017-01-19_08-30-44-746-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
1/19/2017 8:30:11 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 9:15:00 AM
1/20/2017 8:26:54 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 715
Sensors: 2

- 1 - 469248: PCTD 100 PSIA (60.1m/197.3ft)
 - 2 - 0: Baro-Adjustment Calc
- Time Zone: Pacific Standard Time

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#: 469248	SN#: 469248	SN#: 469248	SN#: 469248	SN#: 469248
SN#: 469248	SN#: 469248	SN#: 000000	SN#: 469248	SN#: 469248
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 (ppt)		Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric
Pressure (PSI)				
1/12/2017 12:00:00 AM	7200.000	69.112	15.392	

155.682	41669.645	51035.863	33.558
34.704	23.998	1.025	14.679
1/12/2017 12:15:00 AM	8100.000	69.099	15.391
155.652	41644.246	51004.977	33.535
34.683	24.013	1.025	14.679
1/12/2017 12:30:00 AM	9000.000	69.101	15.392
155.657	41646.602	51007.422	33.537
34.685	24.012	1.025	14.671
1/12/2017 12:45:00 AM	9900.000	69.084	15.392
155.619	41674.758	51041.707	33.562
34.708	23.995	1.025	14.669
1/12/2017 1:00:00 AM	10800.000	69.080	15.392
155.610	41711.633	51087.070	33.595
34.739	23.974	1.025	14.663
1/12/2017 1:15:00 AM	11700.000	69.057	15.392
155.557	41664.266	51029.273	33.553
34.700	24.001	1.025	14.661
1/12/2017 1:30:00 AM	12600.000	69.047	15.392
155.534	41654.863	51017.031	33.544
34.692	24.007	1.025	14.663
1/12/2017 1:45:00 AM	13500.000	69.028	15.392
155.492	41652.793	51014.805	33.542
34.690	24.008	1.025	14.660
1/12/2017 2:00:00 AM	14400.000	69.029	15.392
155.494	41683.922	51053.348	33.571
34.716	23.990	1.025	14.658
1/12/2017 2:15:00 AM	15300.000	69.015	15.391
155.463	41648.742	51010.582	33.539
34.687	24.010	1.025	14.663
1/12/2017 2:30:00 AM	16200.000	69.000	15.392
155.430	41700.199	51072.656	33.585
34.729	23.981	1.025	14.668
1/12/2017 2:45:00 AM	17100.000	68.987	15.391
155.399	41638.875	50998.598	33.530
34.679	24.016	1.025	14.665
1/12/2017 3:00:00 AM	18000.000	68.978	15.392
155.380	41689.723	51060.453	33.576
34.721	23.987	1.025	14.667
1/12/2017 3:15:00 AM	18900.000	68.984	15.392
155.393	41678.617	51045.797	33.565
34.711	23.993	1.025	14.659
1/12/2017 3:30:00 AM	19800.000	68.987	15.393
155.399	41653.680	51014.941	33.543
34.690	24.007	1.025	14.654
1/12/2017 3:45:00 AM	20700.000	68.979	15.393
155.381	41682.945	51049.938	33.568
34.714	23.991	1.025	14.666
1/12/2017 4:00:00 AM	21600.000	68.981	15.392
155.387	41672.727	51038.703	33.560
34.706	23.997	1.025	14.655
1/12/2017 4:15:00 AM	22500.000	68.973	15.392
155.368	41628.887	50985.219	33.521
34.670	24.022	1.025	14.657
1/12/2017 4:30:00 AM	23400.000	68.970	15.393
155.362	41659.758	51021.750	33.548
34.695	24.004	1.025	14.656
1/12/2017 4:45:00 AM	24300.000	68.981	15.392

155.387	41607.324	50958.906	33.501
34.652	24.034	1.025	14.651
1/12/2017 5:00:00 AM	25200.000	68.976	15.392
155.375	41631.504	50988.625	33.523
34.672	24.020	1.025	14.651
1/12/2017 5:15:00 AM	26100.000	68.968	15.392
155.357	41675.637	51042.266	33.563
34.709	23.995	1.025	14.654
1/12/2017 5:30:00 AM	27000.000	68.979	15.392
155.381	41638.031	50995.977	33.529
34.677	24.017	1.025	14.651
1/12/2017 5:45:00 AM	27900.000	68.984	15.392
155.394	41689.637	51059.621	33.575
34.721	23.987	1.025	14.648
1/12/2017 6:00:00 AM	28800.000	68.965	15.393
155.351	41676.246	51042.582	33.563
34.709	23.994	1.025	14.656
1/12/2017 6:15:00 AM	29700.000	68.985	15.393
155.396	41681.711	51048.637	33.567
34.713	23.991	1.025	14.657
1/12/2017 6:30:00 AM	30600.000	68.987	15.393
155.399	41653.570	51014.391	33.542
34.690	24.008	1.025	14.650
1/12/2017 6:45:00 AM	31500.000	68.993	15.392
155.413	41686.293	51055.199	33.572
34.718	23.989	1.025	14.658
1/12/2017 7:00:00 AM	32400.000	69.004	15.392
155.439	41650.203	51011.633	33.540
34.688	24.009	1.025	14.663
1/12/2017 7:15:00 AM	33300.000	69.012	15.392
155.457	41638.625	50997.348	33.530
34.678	24.016	1.025	14.660
1/12/2017 7:30:00 AM	34200.000	69.023	15.392
155.481	41664.047	51028.590	33.552
34.699	24.002	1.025	14.668
1/12/2017 7:45:00 AM	35100.000	69.022	15.391
155.479	41687.531	51058.930	33.575
34.720	23.988	1.025	14.676
1/12/2017 8:00:00 AM	36000.000	69.037	15.392
155.514	41682.652	51051.793	33.569
34.715	23.991	1.025	14.675
1/12/2017 8:15:00 AM	36900.000	69.041	15.391
155.522	41673.438	51041.246	33.562
34.708	23.996	1.025	14.682
1/12/2017 8:30:00 AM	37800.000	69.048	15.389
155.538	41665.984	51034.332	33.556
34.703	24.000	1.025	14.690
1/12/2017 8:45:00 AM	38700.000	69.066	15.389
155.578	41655.727	51022.195	33.548
34.695	24.006	1.025	14.690
1/12/2017 9:00:00 AM	39600.000	69.047	15.388
155.535	41835.016	51242.859	33.710
34.845	23.903	1.025	14.702
1/12/2017 9:15:00 AM	40500.000	69.085	15.388
155.620	41650.059	51016.520	33.543
34.691	24.010	1.025	14.693
1/12/2017 9:30:00 AM	41400.000	69.082	15.388

155.613	41647.637	51013.551	33.541
34.689	24.011	1.025	14.694
1/12/2017 9:45:00 AM	42300.000	69.099	15.387
155.653	41646.691	51013.559	33.541
34.689	24.012	1.025	14.710
1/12/2017 10:00:00 AM	43200.000	69.111	15.386
155.680	41676.145	51050.684	33.568
34.714	23.995	1.025	14.705
1/12/2017 10:15:00 AM	44100.000	69.117	15.386
155.693	41662.648	51033.953	33.556
34.703	24.002	1.025	14.706
1/12/2017 10:30:00 AM	45000.000	69.121	15.384
155.703	41652.426	51023.219	33.548
34.696	24.008	1.025	14.706
1/12/2017 10:45:00 AM	45900.000	69.101	15.382
155.657	41653.395	51027.355	33.551
34.699	24.008	1.025	14.711
1/12/2017 11:00:00 AM	46800.000	69.123	15.382
155.707	41669.602	51047.520	33.566
34.712	23.998	1.025	14.705
1/12/2017 11:15:00 AM	47700.000	69.125	15.382
155.711	41637.109	51007.512	33.536
34.685	24.017	1.025	14.704
1/12/2017 11:30:00 AM	48600.000	69.106	15.380
155.669	41678.719	51060.703	33.575
34.721	23.993	1.025	14.712
1/12/2017 11:45:00 AM	49500.000	69.104	15.380
155.664	41654.711	51031.398	33.554
34.701	24.007	1.025	14.705
1/12/2017 12:00:00 PM	50400.000	69.094	15.379
155.640	41638.215	51012.863	33.540
34.689	24.016	1.025	14.703
1/12/2017 12:15:00 PM	51300.000	69.093	15.379
155.639	41648.211	51024.172	33.548
34.696	24.011	1.025	14.701
1/12/2017 12:30:00 PM	52200.000	69.068	15.378
155.583	41637.629	51012.996	33.540
34.689	24.017	1.025	14.701
1/12/2017 12:45:00 PM	53100.000	69.066	15.378
155.578	41663.469	51044.773	33.563
34.710	24.002	1.025	14.695
1/12/2017 1:00:00 PM	54000.000	69.047	15.377
155.535	41685.793	51072.633	33.584
34.729	23.989	1.025	14.697
1/12/2017 1:15:00 PM	54900.000	69.023	15.377
155.482	41666.387	51048.652	33.566
34.713	24.000	1.025	14.699
1/12/2017 1:30:00 PM	55800.000	69.016	15.376
155.464	41696.242	51086.813	33.594
34.739	23.983	1.025	14.694
1/12/2017 1:45:00 PM	56700.000	68.994	15.377
155.416	41631.918	51006.422	33.535
34.684	24.020	1.025	14.697
1/12/2017 2:00:00 PM	57600.000	68.968	15.378
155.356	41657.125	51036.262	33.557
34.705	24.005	1.025	14.699
1/12/2017 2:15:00 PM	58500.000	68.954	15.379

155.325	41668.629	51049.926	33.567
34.714	23.999	1.025	14.692
1/12/2017 2:30:00 PM	59400.000	68.936	15.379
155.284	41660.852	51040.488	33.560
34.708	24.003	1.025	14.698
1/12/2017 2:45:00 PM	60300.000	68.919	15.379
155.248	41681.098	51064.461	33.578
34.724	23.992	1.025	14.695
1/12/2017 3:00:00 PM	61200.000	68.891	15.379
155.184	41706.867	51096.133	33.601
34.745	23.977	1.025	14.701
1/12/2017 3:15:00 PM	62100.000	68.882	15.379
155.162	41714.043	51104.609	33.607
34.751	23.973	1.025	14.703
1/12/2017 3:30:00 PM	63000.000	68.857	15.380
155.107	41737.711	51132.863	33.628
34.770	23.959	1.025	14.701
1/12/2017 3:45:00 PM	63900.000	68.833	15.381
155.053	41703.629	51090.371	33.597
34.741	23.979	1.025	14.704
1/12/2017 4:00:00 PM	64800.000	68.816	15.382
155.014	41674.961	51054.191	33.570
34.717	23.995	1.025	14.707
1/12/2017 4:15:00 PM	65700.000	68.809	15.382
155.000	41718.859	51107.441	33.610
34.753	23.970	1.025	14.706
1/12/2017 4:30:00 PM	66600.000	68.806	15.383
154.992	41695.598	51077.266	33.588
34.733	23.983	1.025	14.710
1/12/2017 4:45:00 PM	67500.000	68.802	15.383
154.983	41726.273	51115.895	33.616
34.759	23.966	1.025	14.705
1/12/2017 5:00:00 PM	68400.000	68.793	15.384
154.962	41683.988	51062.621	33.577
34.723	23.990	1.025	14.706
1/12/2017 5:15:00 PM	69300.000	68.776	15.384
154.924	41750.469	51143.742	33.636
34.778	23.952	1.025	14.713
1/12/2017 5:30:00 PM	70200.000	68.787	15.384
154.950	41725.473	51113.438	33.614
34.757	23.966	1.025	14.701
1/12/2017 5:45:00 PM	71100.000	68.769	15.386
154.910	41733.828	51121.457	33.620
34.763	23.961	1.025	14.712
1/12/2017 6:00:00 PM	72000.000	68.765	15.386
154.899	41742.680	51131.758	33.628
34.770	23.956	1.025	14.705
1/12/2017 6:15:00 PM	72900.000	68.750	15.387
154.866	41719.930	51103.371	33.607
34.750	23.969	1.025	14.718
1/12/2017 6:30:00 PM	73800.000	68.751	15.388
154.868	41663.938	51033.520	33.556
34.703	24.002	1.025	14.710
1/12/2017 6:45:00 PM	74700.000	68.752	15.387
154.870	41712.816	51093.598	33.600
34.744	23.973	1.025	14.719
1/12/2017 7:00:00 PM	75600.000	68.745	15.389

154.854	41661.980	51029.855	33.553
34.700	24.003	1.025	14.725
1/12/2017 7:15:00 PM	76500.000	68.751	15.389
154.868	41718.766	51099.199	33.604
34.747	23.970	1.025	14.725
1/12/2017 7:30:00 PM	77400.000	68.751	15.390
154.869	41734.387	51117.375	33.618
34.760	23.961	1.025	14.726
1/12/2017 7:45:00 PM	78300.000	68.753	15.390
154.872	41710.918	51088.742	33.596
34.740	23.975	1.025	14.731
1/12/2017 8:00:00 PM	79200.000	68.751	15.391
154.868	41706.680	51081.871	33.592
34.736	23.977	1.025	14.735
1/12/2017 8:15:00 PM	80100.000	68.754	15.390
154.876	41723.266	51102.816	33.607
34.750	23.967	1.025	14.734
1/12/2017 8:30:00 PM	81000.000	68.757	15.391
154.883	41709.512	51085.340	33.594
34.738	23.975	1.025	14.740
1/12/2017 8:45:00 PM	81900.000	68.762	15.392
154.894	41718.723	51095.340	33.602
34.745	23.970	1.025	14.741
1/12/2017 9:00:00 PM	82800.000	68.774	15.391
154.919	41727.113	51106.570	33.610
34.752	23.965	1.025	14.733
1/12/2017 9:15:00 PM	83700.000	68.779	15.392
154.932	41729.398	51108.320	33.611
34.754	23.964	1.025	14.736
1/12/2017 9:30:00 PM	84600.000	68.775	15.392
154.922	41708.926	51083.145	33.593
34.737	23.976	1.025	14.744
1/12/2017 9:45:00 PM	85500.000	68.788	15.393
154.952	41705.852	51078.840	33.589
34.734	23.977	1.025	14.741
1/12/2017 10:00:00 PM	86400.000	68.797	15.392
154.971	41694.012	51064.652	33.579
34.724	23.984	1.025	14.740
1/12/2017 10:15:00 PM	87300.000	68.789	15.392
154.954	41726.684	51105.723	33.609
34.752	23.965	1.025	14.751
1/12/2017 10:30:00 PM	88200.000	68.796	15.393
154.969	41699.285	51069.852	33.583
34.728	23.981	1.025	14.749
1/12/2017 10:45:00 PM	89100.000	68.800	15.393
154.979	41678.336	51044.723	33.564
34.710	23.993	1.025	14.747
1/12/2017 11:00:00 PM	90000.000	68.796	15.393
154.971	41702.906	51074.492	33.586
34.731	23.979	1.025	14.754
1/12/2017 11:15:00 PM	90900.000	68.803	15.394
154.984	41695.563	51064.762	33.579
34.724	23.983	1.025	14.755
1/12/2017 11:30:00 PM	91800.000	68.803	15.393
154.985	41704.000	51075.934	33.587
34.732	23.979	1.025	14.752
1/12/2017 11:45:00 PM	92700.000	68.804	15.394

154.988	41702.840	51073.996	33.586
34.730	23.979	1.025	14.750
1/13/2017 12:00:00 AM	93600.000	68.799	15.394
154.976	41722.863	51098.625	33.604
34.747	23.968	1.025	14.752
1/13/2017 12:15:00 AM	94500.000	68.795	15.394
154.968	41679.910	51045.793	33.565
34.711	23.992	1.025	14.756
1/13/2017 12:30:00 AM	95400.000	68.793	15.393
154.962	41657.418	51019.203	33.546
34.693	24.005	1.025	14.751
1/13/2017 12:45:00 AM	96300.000	68.791	15.394
154.959	41689.070	51057.238	33.574
34.719	23.987	1.025	14.747
1/13/2017 1:00:00 AM	97200.000	68.780	15.394
154.934	41701.195	51071.551	33.584
34.729	23.980	1.025	14.754
1/13/2017 1:15:00 AM	98100.000	68.770	15.395
154.911	41677.469	51041.863	33.562
34.708	23.994	1.025	14.759
1/13/2017 1:30:00 AM	99000.000	68.771	15.394
154.913	41690.500	51058.762	33.575
34.720	23.986	1.025	14.753
1/13/2017 1:45:00 AM	99900.000	68.754	15.393
154.875	41709.047	51082.336	33.592
34.736	23.976	1.025	14.760
1/13/2017 2:00:00 AM	100800.000	68.746	15.393
154.857	41708.730	51082.047	33.592
34.736	23.976	1.025	14.762
1/13/2017 2:15:00 AM	101700.000	68.742	15.394
154.848	41729.211	51105.973	33.609
34.752	23.964	1.025	14.762
1/13/2017 2:30:00 AM	102600.000	68.747	15.394
154.859	41670.145	51032.996	33.556
34.702	23.998	1.025	14.755
1/13/2017 2:45:00 AM	103500.000	68.733	15.395
154.828	41673.348	51036.711	33.559
34.705	23.996	1.025	14.762
1/13/2017 3:00:00 AM	104400.000	68.716	15.394
154.790	41702.453	51072.785	33.585
34.729	23.979	1.025	14.771
1/13/2017 3:15:00 AM	105300.000	68.722	15.395
154.804	41704.625	51074.066	33.586
34.730	23.978	1.025	14.771
1/13/2017 3:30:00 AM	106200.000	68.729	15.395
154.819	41695.219	51063.496	33.578
34.723	23.984	1.025	14.767
1/13/2017 3:45:00 AM	107100.000	68.718	15.394
154.793	41700.336	51070.391	33.583
34.728	23.981	1.025	14.774
1/13/2017 4:00:00 AM	108000.000	68.713	15.394
154.782	41694.219	51062.898	33.578
34.723	23.984	1.025	14.773
1/13/2017 4:15:00 AM	108900.000	68.709	15.395
154.774	41711.238	51083.223	33.593
34.737	23.974	1.025	14.772
1/13/2017 4:30:00 AM	109800.000	68.710	15.394

154.776	41719.398	51093.848	33.601
34.744	23.970	1.025	14.770
1/13/2017 4:45:00 AM	110700.000	68.703	15.395
154.760	41687.074	51052.473	33.570
34.716	23.988	1.025	14.772
1/13/2017 5:00:00 AM	111600.000	68.703	15.395
154.760	41704.461	51074.387	33.586
34.731	23.978	1.025	14.776
1/13/2017 5:15:00 AM	112500.000	68.696	15.395
154.745	41700.020	51068.738	33.582
34.727	23.981	1.025	14.783
1/13/2017 5:30:00 AM	113400.000	68.701	15.395
154.757	41727.297	51101.934	33.607
34.749	23.965	1.025	14.778
1/13/2017 5:45:00 AM	114300.000	68.700	15.395
154.753	41710.379	51081.113	33.591
34.735	23.975	1.025	14.776
1/13/2017 6:00:00 AM	115200.000	68.678	15.396
154.704	41712.789	51083.645	33.593
34.737	23.973	1.025	14.784
1/13/2017 6:15:00 AM	116100.000	68.710	15.395
154.775	41712.742	51084.418	33.594
34.737	23.973	1.025	14.777
1/13/2017 6:30:00 AM	117000.000	68.717	15.396
154.792	41720.137	51092.844	33.600
34.743	23.969	1.025	14.780
1/13/2017 6:45:00 AM	117900.000	68.713	15.395
154.782	41709.133	51079.898	33.590
34.734	23.976	1.025	14.788
1/13/2017 7:00:00 AM	118800.000	68.717	15.397
154.793	41690.242	51054.977	33.572
34.717	23.986	1.025	14.789
1/13/2017 7:15:00 AM	119700.000	68.726	15.395
154.812	41755.309	51136.137	33.632
34.773	23.949	1.025	14.789
1/13/2017 7:30:00 AM	120600.000	68.738	15.396
154.839	41695.184	51061.547	33.577
34.722	23.984	1.025	14.791
1/13/2017 7:45:00 AM	121500.000	68.748	15.396
154.862	41701.254	51068.980	33.582
34.727	23.980	1.025	14.798
1/13/2017 8:00:00 AM	122400.000	68.755	15.396
154.877	41712.223	51082.531	33.592
34.736	23.974	1.025	14.793
1/13/2017 8:15:00 AM	123300.000	68.760	15.395
154.888	41701.961	51071.324	33.584
34.729	23.980	1.025	14.798
1/13/2017 8:30:00 AM	124200.000	68.762	15.396
154.893	41689.574	51054.570	33.572
34.717	23.987	1.025	14.803
1/13/2017 8:45:00 AM	125100.000	68.778	15.396
154.930	41678.719	51042.121	33.563
34.709	23.993	1.025	14.805
1/13/2017 9:00:00 AM	126000.000	68.791	15.395
154.959	41722.648	51096.551	33.603
34.746	23.968	1.025	14.806
1/13/2017 9:15:00 AM	126900.000	68.795	15.394

154.968	41740.504	51119.164	33.619
34.761	23.958	1.025	14.815
1/13/2017 9:30:00 AM	127800.000	68.818	15.395
155.020	41691.777	51059.281	33.575
34.720	23.986	1.025	14.812
1/13/2017 9:45:00 AM	128700.000	68.815	15.394
155.013	41720.355	51095.555	33.602
34.745	23.969	1.025	14.816
1/13/2017 10:00:00 AM	129600.000	68.832	15.392
155.052	41700.367	51072.555	33.585
34.729	23.981	1.025	14.818
1/13/2017 10:15:00 AM	130500.000	68.840	15.392
155.068	41661.746	51025.969	33.551
34.698	24.003	1.025	14.821
1/13/2017 10:30:00 AM	131400.000	68.838	15.392
155.065	41740.430	51122.340	33.621
34.763	23.958	1.025	14.826
1/13/2017 10:45:00 AM	132300.000	68.850	15.390
155.091	41720.832	51099.836	33.605
34.748	23.969	1.025	14.824
1/13/2017 11:00:00 AM	133200.000	68.854	15.391
155.099	41707.340	51082.879	33.592
34.736	23.977	1.025	14.822
1/13/2017 11:15:00 AM	134100.000	68.851	15.390
155.094	41683.559	51054.801	33.572
34.717	23.990	1.025	14.825
1/13/2017 11:30:00 AM	135000.000	68.859	15.389
155.111	41734.781	51118.598	33.618
34.761	23.961	1.025	14.817
1/13/2017 11:45:00 AM	135900.000	68.850	15.389
155.092	41680.297	51052.391	33.570
34.716	23.992	1.025	14.815
1/13/2017 12:00:00 PM	136800.000	68.850	15.387
155.090	41710.684	51091.207	33.598
34.742	23.975	1.025	14.816
1/13/2017 12:15:00 PM	137700.000	68.838	15.387
155.065	41759.859	51151.543	33.642
34.783	23.946	1.025	14.814
1/13/2017 12:30:00 PM	138600.000	68.841	15.386
155.072	41716.207	51099.871	33.604
34.748	23.971	1.025	14.801
1/13/2017 12:45:00 PM	139500.000	68.831	15.386
155.048	41724.895	51109.773	33.612
34.755	23.967	1.025	14.804
1/13/2017 1:00:00 PM	140400.000	68.815	15.386
155.013	41729.820	51116.645	33.617
34.759	23.964	1.025	14.804
1/13/2017 1:15:00 PM	141300.000	68.806	15.386
154.993	41735.801	51123.762	33.622
34.764	23.960	1.025	14.802
1/13/2017 1:30:00 PM	142200.000	68.792	15.386
154.960	41737.492	51125.945	33.623
34.766	23.959	1.025	14.802
1/13/2017 1:45:00 PM	143100.000	68.774	15.385
154.919	41717.238	51102.070	33.606
34.749	23.971	1.025	14.805
1/13/2017 2:00:00 PM	144000.000	68.766	15.386

154.901	41697.867	51077.094	33.588
34.732	23.982	1.025	14.799
1/13/2017 2:15:00 PM	144900.000	68.744	15.386
154.854	41722.293	51106.477	33.609
34.752	23.968	1.025	14.807
1/13/2017 2:30:00 PM	145800.000	68.728	15.386
154.816	41743.988	51134.000	33.629
34.771	23.956	1.025	14.807
1/13/2017 2:45:00 PM	146700.000	68.707	15.386
154.769	41751.648	51142.547	33.636
34.777	23.951	1.025	14.808
1/13/2017 3:00:00 PM	147600.000	68.688	15.386
154.726	41722.688	51107.809	33.610
34.753	23.968	1.025	14.808
1/13/2017 3:15:00 PM	148500.000	68.672	15.386
154.691	41759.676	51153.117	33.643
34.784	23.947	1.025	14.809
1/13/2017 3:30:00 PM	149400.000	68.653	15.387
154.648	41753.070	51143.227	33.636
34.777	23.950	1.025	14.805
1/13/2017 3:45:00 PM	150300.000	68.625	15.388
154.585	41697.742	51074.715	33.586
34.731	23.982	1.025	14.813
1/13/2017 4:00:00 PM	151200.000	68.615	15.387
154.562	41741.922	51129.672	33.626
34.768	23.957	1.025	14.802
1/13/2017 4:15:00 PM	152100.000	68.607	15.388
154.543	41755.680	51145.461	33.638
34.779	23.949	1.025	14.797
1/13/2017 4:30:00 PM	153000.000	68.597	15.388
154.522	41749.309	51137.879	33.632
34.774	23.952	1.025	14.804
1/13/2017 4:45:00 PM	153900.000	68.592	15.390
154.510	41744.418	51129.660	33.627
34.768	23.955	1.025	14.801
1/13/2017 5:00:00 PM	154800.000	68.575	15.389
154.473	41775.086	51167.766	33.654
34.794	23.938	1.025	14.803
1/13/2017 5:15:00 PM	155700.000	68.571	15.391
154.462	41768.242	51157.043	33.647
34.787	23.942	1.025	14.795
1/13/2017 5:30:00 PM	156600.000	68.564	15.391
154.448	41765.641	51154.598	33.645
34.785	23.943	1.025	14.801
1/13/2017 5:45:00 PM	157500.000	68.547	15.392
154.410	41777.633	51167.902	33.655
34.794	23.936	1.025	14.809
1/13/2017 6:00:00 PM	158400.000	68.542	15.392
154.398	41758.270	51143.473	33.637
34.778	23.947	1.025	14.807
1/13/2017 6:15:00 PM	159300.000	68.528	15.393
154.365	41741.547	51122.340	33.621
34.763	23.957	1.025	14.808
1/13/2017 6:30:00 PM	160200.000	68.533	15.393
154.377	41765.328	51150.945	33.642
34.783	23.943	1.025	14.801
1/13/2017 6:45:00 PM	161100.000	68.533	15.394

154.376	41746.723	51127.848	33.626
34.767	23.954	1.025	14.799
1/13/2017 7:00:00 PM	162000.000	68.517	15.395
154.341	41779.773	51167.156	33.654
34.794	23.935	1.025	14.812
1/13/2017 7:15:00 PM	162900.000	68.514	15.395
154.335	41706.164	51075.852	33.587
34.732	23.977	1.025	14.811
1/13/2017 7:30:00 PM	163800.000	68.518	15.396
154.343	41736.008	51112.078	33.614
34.756	23.960	1.025	14.806
1/13/2017 7:45:00 PM	164700.000	68.513	15.396
154.333	41777.750	51162.555	33.651
34.791	23.936	1.025	14.811
1/13/2017 8:00:00 PM	165600.000	68.510	15.397
154.325	41733.219	51107.707	33.611
34.753	23.962	1.025	14.817
1/13/2017 8:15:00 PM	166500.000	68.517	15.397
154.342	41715.906	51085.668	33.595
34.738	23.972	1.025	14.810
1/13/2017 8:30:00 PM	167400.000	68.514	15.398
154.333	41755.250	51132.898	33.630
34.770	23.949	1.025	14.819
1/13/2017 8:45:00 PM	168300.000	68.518	15.399
154.343	41770.824	51151.332	33.643
34.783	23.940	1.025	14.824
1/13/2017 9:00:00 PM	169200.000	68.523	15.399
154.354	41783.578	51166.309	33.654
34.793	23.933	1.025	14.830
1/13/2017 9:15:00 PM	170100.000	68.520	15.399
154.348	41723.172	51092.875	33.600
34.743	23.967	1.025	14.833
1/13/2017 9:30:00 PM	171000.000	68.529	15.399
154.369	41755.422	51131.629	33.629
34.770	23.949	1.025	14.830
1/13/2017 9:45:00 PM	171900.000	68.528	15.401
154.366	41768.754	51145.941	33.639
34.779	23.941	1.025	14.834
1/13/2017 10:00:00 PM	172800.000	68.537	15.400
154.386	41766.766	51144.355	33.638
34.778	23.942	1.025	14.836
1/13/2017 10:15:00 PM	173700.000	68.551	15.401
154.417	41794.813	51177.848	33.663
34.801	23.926	1.025	14.831
1/13/2017 10:30:00 PM	174600.000	68.551	15.401
154.417	41769.520	51146.988	33.640
34.780	23.941	1.025	14.836
1/13/2017 10:45:00 PM	175500.000	68.560	15.400
154.437	41708.520	51072.820	33.586
34.730	23.976	1.025	14.835
1/13/2017 11:00:00 PM	176400.000	68.563	15.401
154.444	41759.367	51134.137	33.631
34.771	23.947	1.025	14.832
1/13/2017 11:15:00 PM	177300.000	68.568	15.401
154.456	41757.594	51131.844	33.629
34.770	23.948	1.025	14.833
1/13/2017 11:30:00 PM	178200.000	68.569	15.402

154.458	41728.898	51095.660	33.603
34.745	23.964	1.025	14.836
1/13/2017 11:45:00 PM	179100.000	68.575	15.401
154.471	41740.445	51111.066	33.614
34.756	23.958	1.025	14.833
1/14/2017 12:00:00 AM	180000.000	68.577	15.403
154.476	41780.309	51158.078	33.648
34.787	23.935	1.025	14.828
1/14/2017 12:15:00 AM	180900.000	68.576	15.403
154.473	41756.016	51127.922	33.626
34.767	23.949	1.025	14.831
1/14/2017 12:30:00 AM	181800.000	68.572	15.403
154.464	41760.641	51133.895	33.631
34.771	23.946	1.025	14.834
1/14/2017 12:45:00 AM	182700.000	68.578	15.402
154.479	41761.543	51135.523	33.632
34.772	23.945	1.025	14.829
1/14/2017 1:00:00 AM	183600.000	68.571	15.402
154.462	41744.488	51114.859	33.617
34.758	23.955	1.025	14.834
1/14/2017 1:15:00 AM	184500.000	68.585	15.403
154.494	41742.641	51111.957	33.615
34.756	23.956	1.025	14.830
1/14/2017 1:30:00 AM	185400.000	68.563	15.402
154.444	41770.254	51146.410	33.640
34.780	23.940	1.025	14.824
1/14/2017 1:45:00 AM	186300.000	68.558	15.403
154.434	41743.754	51113.012	33.615
34.757	23.956	1.025	14.831
1/14/2017 2:00:00 AM	187200.000	68.550	15.403
154.416	41722.031	51086.820	33.596
34.739	23.968	1.025	14.830
1/14/2017 2:15:00 AM	188100.000	68.554	15.402
154.424	41720.906	51085.563	33.595
34.738	23.969	1.025	14.828
1/14/2017 2:30:00 AM	189000.000	68.546	15.402
154.406	41751.012	51122.945	33.623
34.764	23.952	1.025	14.828
1/14/2017 2:45:00 AM	189900.000	68.529	15.402
154.369	41767.781	51143.480	33.638
34.778	23.942	1.025	14.832
1/14/2017 3:00:00 AM	190800.000	68.533	15.402
154.377	41734.660	51102.922	33.608
34.750	23.961	1.025	14.830
1/14/2017 3:15:00 AM	191700.000	68.517	15.402
154.342	41776.414	51154.152	33.645
34.785	23.937	1.025	14.839
1/14/2017 3:30:00 AM	192600.000	68.532	15.402
154.376	41745.078	51116.211	33.618
34.759	23.955	1.025	14.825
1/14/2017 3:45:00 AM	193500.000	68.527	15.402
154.364	41733.590	51101.516	33.607
34.749	23.962	1.025	14.829
1/14/2017 4:00:00 AM	194400.000	68.520	15.402
154.347	41705.156	51066.379	33.581
34.725	23.978	1.025	14.828
1/14/2017 4:15:00 AM	195300.000	68.520	15.402

154.347	41722.805	51087.988	33.597
34.740	23.968	1.025	14.832
1/14/2017 4:30:00 AM	196200.000	68.503	15.403
154.310	41741.246	51109.730	33.613
34.755	23.957	1.025	14.840
1/14/2017 4:45:00 AM	197100.000	68.507	15.402
154.318	41730.863	51098.176	33.604
34.747	23.963	1.025	14.829
1/14/2017 5:00:00 AM	198000.000	68.501	15.403
154.306	41733.684	51100.781	33.606
34.749	23.961	1.025	14.837
1/14/2017 5:15:00 AM	198900.000	68.504	15.402
154.313	41764.613	51139.281	33.635
34.775	23.944	1.025	14.824
1/14/2017 5:30:00 AM	199800.000	68.487	15.403
154.275	41781.246	51159.020	33.649
34.788	23.934	1.025	14.838
1/14/2017 5:45:00 AM	200700.000	68.498	15.403
154.299	41748.617	51119.375	33.620
34.761	23.953	1.025	14.825
1/14/2017 6:00:00 AM	201600.000	68.496	15.403
154.294	41780.500	51158.004	33.648
34.787	23.935	1.025	14.827
1/14/2017 6:15:00 AM	202500.000	68.498	15.404
154.299	41765.961	51138.395	33.634
34.774	23.943	1.025	14.826
1/14/2017 6:30:00 AM	203400.000	68.498	15.404
154.299	41733.090	51098.785	33.605
34.747	23.962	1.025	14.827
1/14/2017 6:45:00 AM	204300.000	68.502	15.403
154.308	41732.449	51098.531	33.605
34.747	23.962	1.025	14.822
1/14/2017 7:00:00 AM	205200.000	68.500	15.405
154.302	41749.391	51117.797	33.619
34.760	23.952	1.025	14.832
1/14/2017 7:15:00 AM	206100.000	68.504	15.405
154.312	41752.313	51121.262	33.622
34.762	23.951	1.025	14.830
1/14/2017 7:30:00 AM	207000.000	68.506	15.404
154.317	41751.719	51121.496	33.622
34.763	23.951	1.025	14.829
1/14/2017 7:45:00 AM	207900.000	68.513	15.404
154.332	41755.547	51125.973	33.625
34.766	23.949	1.025	14.827
1/14/2017 8:00:00 AM	208800.000	68.520	15.403
154.348	41740.098	51107.895	33.612
34.753	23.958	1.025	14.829
1/14/2017 8:15:00 AM	209700.000	68.534	15.404
154.379	41767.953	51140.734	33.636
34.776	23.942	1.025	14.826
1/14/2017 8:30:00 AM	210600.000	68.534	15.405
154.379	41805.984	51186.871	33.670
34.807	23.920	1.025	14.832
1/14/2017 8:45:00 AM	211500.000	68.546	15.405
154.407	41735.969	51101.473	33.607
34.749	23.960	1.025	14.835
1/14/2017 9:00:00 AM	212400.000	68.554	15.404

154.425	41733.004	51098.473	33.605
34.747	23.962	1.025	14.838
1/14/2017 9:15:00 AM	213300.000	68.564	15.404
154.447	41751.066	51120.898	33.621
34.762	23.951	1.025	14.838
1/14/2017 9:30:00 AM	214200.000	68.573	15.404
154.468	41782.066	51158.754	33.649
34.788	23.934	1.025	14.843
1/14/2017 9:45:00 AM	215100.000	68.577	15.404
154.477	41763.699	51136.363	33.633
34.773	23.944	1.025	14.843
1/14/2017 10:00:00 AM	216000.000	68.584	15.403
154.492	41751.480	51122.262	33.622
34.763	23.951	1.025	14.844
1/14/2017 10:15:00 AM	216900.000	68.610	15.402
154.552	41774.941	51152.148	33.644
34.783	23.938	1.025	14.834
1/14/2017 10:30:00 AM	217800.000	68.613	15.403
154.557	41778.219	51155.621	33.647
34.786	23.936	1.025	14.833
1/14/2017 10:45:00 AM	218700.000	68.620	15.402
154.573	41812.617	51198.602	33.678
34.815	23.916	1.025	14.831
1/14/2017 11:00:00 AM	219600.000	68.632	15.401
154.599	41791.465	51174.285	33.660
34.799	23.928	1.025	14.828
1/14/2017 11:15:00 AM	220500.000	68.637	15.401
154.611	41816.191	51204.445	33.682
34.819	23.914	1.025	14.828
1/14/2017 11:30:00 AM	221400.000	68.637	15.399
154.613	41827.410	51220.297	33.694
34.830	23.908	1.025	14.827
1/14/2017 11:45:00 AM	222300.000	68.651	15.400
154.644	41782.602	51163.535	33.652
34.791	23.933	1.025	14.814
1/14/2017 12:00:00 PM	223200.000	68.645	15.399
154.630	41781.156	51163.457	33.652
34.791	23.934	1.025	14.818
1/14/2017 12:15:00 PM	224100.000	68.652	15.398
154.646	41813.113	51204.277	33.682
34.819	23.916	1.025	14.811
1/14/2017 12:30:00 PM	225000.000	68.647	15.397
154.633	41795.031	51183.094	33.666
34.805	23.926	1.025	14.810
1/14/2017 12:45:00 PM	225900.000	68.646	15.397
154.633	41801.629	51190.961	33.672
34.810	23.923	1.025	14.803
1/14/2017 1:00:00 PM	226800.000	68.647	15.396
154.635	41800.406	51190.727	33.672
34.810	23.923	1.025	14.801
1/14/2017 1:15:00 PM	227700.000	68.642	15.396
154.623	41799.695	51189.535	33.671
34.809	23.924	1.025	14.793
1/14/2017 1:30:00 PM	228600.000	68.643	15.395
154.626	41804.449	51196.730	33.676
34.814	23.921	1.025	14.794
1/14/2017 1:45:00 PM	229500.000	68.636	15.395

154.610	41837.363	51237.477	33.706
34.841	23.902	1.025	14.792
1/14/2017 2:00:00 PM	230400.000	68.624	15.395
154.582	41805.000	51197.094	33.677
34.814	23.921	1.025	14.795
1/14/2017 2:15:00 PM	231300.000	68.613	15.394
154.559	41827.168	51225.941	33.698
34.834	23.908	1.025	14.794
1/14/2017 2:30:00 PM	232200.000	68.597	15.394
154.522	41802.176	51194.914	33.675
34.813	23.922	1.025	14.799
1/14/2017 2:45:00 PM	233100.000	68.578	15.394
154.479	41840.074	51241.637	33.709
34.844	23.901	1.025	14.801
1/14/2017 3:00:00 PM	234000.000	68.571	15.395
154.463	41803.375	51196.059	33.676
34.813	23.922	1.025	14.793
1/14/2017 3:15:00 PM	234900.000	68.561	15.395
154.441	41782.578	51170.484	33.657
34.796	23.933	1.025	14.785
1/14/2017 3:30:00 PM	235800.000	68.542	15.395
154.398	41809.895	51203.625	33.681
34.818	23.918	1.025	14.794
1/14/2017 3:45:00 PM	236700.000	68.522	15.394
154.352	41833.711	51233.535	33.703
34.839	23.904	1.025	14.794
1/14/2017 4:00:00 PM	237600.000	68.506	15.395
154.317	41786.242	51173.922	33.660
34.798	23.931	1.025	14.797
1/14/2017 4:15:00 PM	238500.000	68.483	15.395
154.264	41772.441	51158.066	33.648
34.787	23.939	1.025	14.796
1/14/2017 4:30:00 PM	239400.000	68.459	15.395
154.211	41835.738	51234.738	33.704
34.840	23.903	1.025	14.805
1/14/2017 4:45:00 PM	240300.000	68.451	15.395
154.193	41844.695	51245.504	33.712
34.847	23.898	1.025	14.800
1/14/2017 5:00:00 PM	241200.000	68.429	15.396
154.143	41839.641	51238.453	33.707
34.842	23.901	1.025	14.804
1/14/2017 5:15:00 PM	242100.000	68.423	15.397
154.128	41810.844	51202.141	33.680
34.817	23.917	1.025	14.794
1/14/2017 5:30:00 PM	243000.000	68.405	15.397
154.089	41820.883	51214.434	33.689
34.826	23.911	1.025	14.795
1/14/2017 5:45:00 PM	243900.000	68.392	15.398
154.059	41829.270	51223.344	33.696
34.832	23.907	1.025	14.791
1/14/2017 6:00:00 PM	244800.000	68.376	15.398
154.023	41810.879	51200.820	33.679
34.817	23.917	1.025	14.797
1/14/2017 6:15:00 PM	245700.000	68.356	15.400
153.979	41804.695	51191.430	33.673
34.810	23.921	1.025	14.801
1/14/2017 6:30:00 PM	246600.000	68.356	15.399

153.979	41817.473	51207.715	33.685
34.821	23.913	1.025	14.795
1/14/2017 6:45:00 PM	247500.000	68.339	15.400
153.941	41807.195	51193.750	33.674
34.812	23.919	1.025	14.800
1/14/2017 7:00:00 PM	248400.000	68.342	15.401
153.948	41817.000	51204.707	33.683
34.819	23.914	1.025	14.791
1/14/2017 7:15:00 PM	249300.000	68.340	15.402
153.941	41810.051	51195.340	33.676
34.813	23.918	1.025	14.793
1/14/2017 7:30:00 PM	250200.000	68.335	15.403
153.932	41806.480	51189.918	33.672
34.809	23.920	1.025	14.796
1/14/2017 7:45:00 PM	251100.000	68.333	15.403
153.928	41825.539	51212.941	33.689
34.825	23.909	1.025	14.792
1/14/2017 8:00:00 PM	252000.000	68.335	15.403
153.932	41808.707	51191.902	33.673
34.810	23.918	1.025	14.793
1/14/2017 8:15:00 PM	252900.000	68.319	15.404
153.896	41816.270	51200.422	33.680
34.816	23.914	1.025	14.805
1/14/2017 8:30:00 PM	253800.000	68.330	15.405
153.920	41777.320	51151.773	33.644
34.783	23.936	1.025	14.792
1/14/2017 8:45:00 PM	254700.000	68.336	15.405
153.932	41795.930	51174.559	33.661
34.799	23.926	1.025	14.797
1/14/2017 9:00:00 PM	255600.000	68.347	15.406
153.957	41824.383	51208.449	33.686
34.822	23.909	1.025	14.791
1/14/2017 9:15:00 PM	256500.000	68.339	15.406
153.940	41785.391	51160.086	33.650
34.789	23.932	1.025	14.800
1/14/2017 9:30:00 PM	257400.000	68.352	15.406
153.969	41823.930	51207.273	33.685
34.821	23.910	1.025	14.793
1/14/2017 9:45:00 PM	258300.000	68.357	15.406
153.981	41792.426	51168.898	33.657
34.795	23.928	1.025	14.794
1/14/2017 10:00:00 PM	259200.000	68.363	15.407
153.994	41760.984	51128.727	33.627
34.768	23.946	1.025	14.792
1/14/2017 10:15:00 PM	260100.000	68.373	15.407
154.016	41804.820	51182.906	33.667
34.804	23.921	1.025	14.792
1/14/2017 10:30:00 PM	261000.000	68.372	15.408
154.015	41815.586	51194.727	33.676
34.812	23.915	1.025	14.794
1/14/2017 10:45:00 PM	261900.000	68.379	15.408
154.029	41783.680	51155.434	33.647
34.786	23.933	1.025	14.797
1/14/2017 11:00:00 PM	262800.000	68.393	15.409
154.061	41851.918	51237.926	33.708
34.842	23.894	1.025	14.791
1/14/2017 11:15:00 PM	263700.000	68.397	15.409

154.071	41789.258	51161.434	33.651
34.790	23.930	1.025	14.795
1/14/2017 11:30:00 PM	264600.000	68.397	15.410
154.071	41806.598	51181.914	33.666
34.804	23.920	1.025	14.796
1/14/2017 11:45:00 PM	265500.000	68.398	15.410
154.072	41812.137	51188.695	33.671
34.808	23.917	1.025	14.802
1/15/2017 12:00:00 AM	266400.000	68.408	15.409
154.095	41834.367	51216.441	33.692
34.827	23.904	1.025	14.797
1/15/2017 12:15:00 AM	267300.000	68.408	15.410
154.095	41814.711	51191.746	33.674
34.810	23.915	1.025	14.799
1/15/2017 12:30:00 AM	268200.000	68.413	15.409
154.107	41800.672	51175.410	33.662
34.799	23.923	1.025	14.796
1/15/2017 12:45:00 AM	269100.000	68.416	15.410
154.114	41817.941	51195.590	33.677
34.813	23.913	1.025	14.790
1/15/2017 1:00:00 AM	270000.000	68.415	15.410
154.112	41816.941	51194.676	33.676
34.812	23.914	1.025	14.793
1/15/2017 1:15:00 AM	270900.000	68.419	15.410
154.121	41780.684	51149.777	33.643
34.782	23.935	1.025	14.794
1/15/2017 1:30:00 AM	271800.000	68.422	15.410
154.127	41823.258	51202.102	33.681
34.817	23.910	1.025	14.786
1/15/2017 1:45:00 AM	272700.000	68.424	15.410
154.132	41809.598	51185.688	33.669
34.806	23.918	1.025	14.793
1/15/2017 2:00:00 AM	273600.000	68.415	15.410
154.112	41799.344	51173.031	33.660
34.798	23.924	1.025	14.794
1/15/2017 2:15:00 AM	274500.000	68.423	15.409
154.130	41788.301	51160.582	33.651
34.789	23.930	1.025	14.786
1/15/2017 2:30:00 AM	275400.000	68.415	15.409
154.111	41804.898	51180.582	33.665
34.803	23.921	1.025	14.796
1/15/2017 2:45:00 AM	276300.000	68.407	15.409
154.093	41821.898	51201.926	33.681
34.817	23.911	1.025	14.800
1/15/2017 3:00:00 AM	277200.000	68.406	15.410
154.091	41765.109	51130.910	33.629
34.769	23.943	1.025	14.793
1/15/2017 3:15:00 AM	278100.000	68.400	15.410
154.077	41791.941	51163.969	33.653
34.792	23.928	1.025	14.798
1/15/2017 3:30:00 AM	279000.000	68.400	15.408
154.077	41786.898	51159.914	33.650
34.789	23.931	1.025	14.794
1/15/2017 3:45:00 AM	279900.000	68.399	15.408
154.075	41828.086	51210.027	33.687
34.823	23.907	1.025	14.792
1/15/2017 4:00:00 AM	280800.000	68.398	15.409

154.074	41795.242	51168.977	33.657
34.795	23.926	1.025	14.798
1/15/2017 4:15:00 AM	281700.000	68.396	15.409
154.069	41802.895	51178.348	33.664
34.801	23.922	1.025	14.798
1/15/2017 4:30:00 AM	282600.000	68.403	15.409
154.085	41812.520	51190.445	33.673
34.810	23.916	1.025	14.788
1/15/2017 4:45:00 AM	283500.000	68.391	15.407
154.057	41817.297	51197.672	33.678
34.814	23.914	1.025	14.791
1/15/2017 5:00:00 AM	284400.000	68.393	15.408
154.061	41797.750	51172.461	33.659
34.797	23.925	1.025	14.787
1/15/2017 5:15:00 AM	285300.000	68.382	15.408
154.037	41779.484	51150.410	33.643
34.782	23.935	1.025	14.792
1/15/2017 5:30:00 AM	286200.000	68.378	15.408
154.029	41802.488	51178.461	33.664
34.801	23.922	1.025	14.790
1/15/2017 5:45:00 AM	287100.000	68.371	15.408
154.013	41819.566	51199.484	33.679
34.816	23.912	1.025	14.792
1/15/2017 6:00:00 AM	288000.000	68.373	15.410
154.017	41792.285	51164.289	33.654
34.792	23.928	1.025	14.786
1/15/2017 6:15:00 AM	288900.000	68.370	15.409
154.010	41792.109	51165.145	33.654
34.792	23.928	1.025	14.793
1/15/2017 6:30:00 AM	289800.000	68.365	15.409
153.999	41800.629	51175.676	33.662
34.799	23.923	1.025	14.792
1/15/2017 6:45:00 AM	290700.000	68.368	15.409
154.005	41806.340	51182.766	33.667
34.804	23.920	1.025	14.786
1/15/2017 7:00:00 AM	291600.000	68.367	15.410
154.003	41801.500	51175.363	33.662
34.799	23.923	1.025	14.789
1/15/2017 7:15:00 AM	292500.000	68.367	15.410
154.003	41801.199	51174.895	33.661
34.799	23.923	1.025	14.789
1/15/2017 7:30:00 AM	293400.000	68.368	15.410
154.006	41817.301	51195.117	33.676
34.813	23.914	1.025	14.787
1/15/2017 7:45:00 AM	294300.000	68.372	15.410
154.014	41816.516	51194.055	33.675
34.812	23.914	1.025	14.786
1/15/2017 8:00:00 AM	295200.000	68.372	15.410
154.014	41807.566	51183.098	33.667
34.805	23.919	1.025	14.793
1/15/2017 8:15:00 AM	296100.000	68.375	15.409
154.021	41795.645	51169.363	33.657
34.795	23.926	1.025	14.792
1/15/2017 8:30:00 AM	297000.000	68.381	15.410
154.034	41784.457	51154.398	33.646
34.785	23.932	1.025	14.794
1/15/2017 8:45:00 AM	297900.000	68.389	15.410

154.052	41812.320	51189.020	33.672
34.809	23.916	1.025	14.799
1/15/2017 9:00:00 AM	298800.000	68.398	15.409
154.072	41794.816	51167.820	33.656
34.794	23.926	1.025	14.803
1/15/2017 9:15:00 AM	299700.000	68.403	15.409
154.085	41772.969	51141.070	33.636
34.776	23.939	1.025	14.804
1/15/2017 9:30:00 AM	300600.000	68.415	15.409
154.111	41799.336	51173.555	33.660
34.798	23.924	1.025	14.803
1/15/2017 9:45:00 AM	301500.000	68.426	15.408
154.136	41796.973	51172.051	33.659
34.797	23.925	1.025	14.806
1/15/2017 10:00:00 AM	302400.000	68.440	15.408
154.167	41798.074	51172.855	33.660
34.798	23.925	1.025	14.806
1/15/2017 10:15:00 AM	303300.000	68.442	15.409
154.172	41800.301	51175.063	33.661
34.799	23.923	1.025	14.812
1/15/2017 10:30:00 AM	304200.000	68.448	15.407
154.186	41823.055	51204.609	33.683
34.819	23.910	1.025	14.814
1/15/2017 10:45:00 AM	305100.000	68.451	15.408
154.193	41813.059	51191.301	33.673
34.810	23.916	1.025	14.811
1/15/2017 11:00:00 AM	306000.000	68.467	15.407
154.229	41836.730	51221.465	33.695
34.831	23.902	1.025	14.809
1/15/2017 11:15:00 AM	306900.000	68.478	15.407
154.253	41762.293	51130.961	33.629
34.769	23.945	1.025	14.803
1/15/2017 11:30:00 AM	307800.000	68.484	15.407
154.267	41786.836	51160.574	33.651
34.789	23.931	1.025	14.803
1/15/2017 11:45:00 AM	308700.000	68.491	15.406
154.283	41789.867	51166.078	33.655
34.793	23.929	1.025	14.799
1/15/2017 12:00:00 PM	309600.000	68.498	15.406
154.299	41791.754	51168.289	33.656
34.794	23.928	1.025	14.793
1/15/2017 12:15:00 PM	310500.000	68.506	15.406
154.317	41835.465	51221.805	33.696
34.831	23.903	1.025	14.792
1/15/2017 12:30:00 PM	311400.000	68.510	15.405
154.325	41817.676	51200.977	33.680
34.817	23.913	1.025	14.782
1/15/2017 12:45:00 PM	312300.000	68.512	15.403
154.330	41830.641	51219.398	33.694
34.829	23.906	1.025	14.778
1/15/2017 1:00:00 PM	313200.000	68.515	15.404
154.337	41807.465	51189.543	33.672
34.809	23.919	1.025	14.773
1/15/2017 1:15:00 PM	314100.000	68.515	15.403
154.336	41796.813	51177.340	33.663
34.801	23.925	1.025	14.769
1/15/2017 1:30:00 PM	315000.000	68.505	15.402

154.314	41838.336	51229.773	33.701
34.836	23.902	1.025	14.779
1/15/2017 1:45:00 PM	315900.000	68.505	15.402
154.314	41845.191	51238.266	33.707
34.842	23.898	1.025	14.769
1/15/2017 2:00:00 PM	316800.000	68.510	15.401
154.325	41803.555	51188.875	33.671
34.808	23.921	1.025	14.770
1/15/2017 2:15:00 PM	317700.000	68.495	15.401
154.293	41810.906	51198.094	33.678
34.815	23.917	1.025	14.778
1/15/2017 2:30:00 PM	318600.000	68.485	15.400
154.269	41820.270	51209.980	33.686
34.823	23.912	1.025	14.780
1/15/2017 2:45:00 PM	319500.000	68.485	15.401
154.269	41827.207	51217.414	33.692
34.828	23.908	1.025	14.774
1/15/2017 3:00:00 PM	320400.000	68.481	15.401
154.260	41797.918	51181.871	33.666
34.804	23.925	1.025	14.770
1/15/2017 3:15:00 PM	321300.000	68.459	15.400
154.211	41800.129	51185.406	33.668
34.806	23.923	1.025	14.774
1/15/2017 3:30:00 PM	322200.000	68.448	15.400
154.186	41819.434	51209.273	33.686
34.822	23.912	1.025	14.777
1/15/2017 3:45:00 PM	323100.000	68.437	15.401
154.162	41785.051	51166.434	33.654
34.793	23.932	1.025	14.773
1/15/2017 4:00:00 PM	324000.000	68.420	15.400
154.123	41791.664	51175.270	33.661
34.799	23.928	1.025	14.776
1/15/2017 4:15:00 PM	324900.000	68.411	15.400
154.103	41804.520	51190.695	33.672
34.810	23.921	1.025	14.781
1/15/2017 4:30:00 PM	325800.000	68.395	15.401
154.066	41792.707	51174.750	33.661
34.799	23.928	1.025	14.772
1/15/2017 4:45:00 PM	326700.000	68.376	15.401
154.023	41807.078	51193.406	33.674
34.812	23.919	1.025	14.779
1/15/2017 5:00:00 PM	327600.000	68.361	15.400
153.991	41774.867	51154.063	33.645
34.785	23.938	1.025	14.776
1/15/2017 5:15:00 PM	328500.000	68.359	15.401
153.985	41806.871	51193.031	33.674
34.811	23.920	1.025	14.772
1/15/2017 5:30:00 PM	329400.000	68.333	15.401
153.926	41823.930	51212.984	33.689
34.825	23.910	1.025	14.784
1/15/2017 5:45:00 PM	330300.000	68.330	15.401
153.920	41830.613	51222.105	33.695
34.831	23.906	1.025	14.778
1/15/2017 6:00:00 PM	331200.000	68.308	15.402
153.870	41826.742	51215.895	33.691
34.827	23.908	1.025	14.779
1/15/2017 6:15:00 PM	332100.000	68.302	15.403

153.857	41819.258	51205.250	33.683
34.820	23.912	1.025	14.773
1/15/2017 6:30:00 PM	333000.000	68.279	15.403
153.806	41794.809	51175.094	33.661
34.799	23.926	1.025	14.781
1/15/2017 6:45:00 PM	333900.000	68.282	15.404
153.812	41829.027	51216.473	33.691
34.827	23.907	1.025	14.780
1/15/2017 7:00:00 PM	334800.000	68.264	15.404
153.772	41812.383	51195.234	33.676
34.813	23.916	1.025	14.790
1/15/2017 7:15:00 PM	335700.000	68.268	15.406
153.780	41805.320	51185.000	33.668
34.806	23.920	1.025	14.784
1/15/2017 7:30:00 PM	336600.000	68.260	15.406
153.763	41800.145	51178.563	33.664
34.801	23.923	1.025	14.786
1/15/2017 7:45:00 PM	337500.000	68.256	15.405
153.753	41782.133	51156.938	33.648
34.787	23.934	1.025	14.787
1/15/2017 8:00:00 PM	338400.000	68.242	15.406
153.721	41795.750	51172.652	33.659
34.797	23.926	1.025	14.794
1/15/2017 8:15:00 PM	339300.000	68.253	15.408
153.746	41820.199	51200.996	33.680
34.817	23.912	1.025	14.786
1/15/2017 8:30:00 PM	340200.000	68.245	15.408
153.728	41810.320	51188.902	33.671
34.808	23.918	1.025	14.790
1/15/2017 8:45:00 PM	341100.000	68.243	15.408
153.724	41805.281	51182.109	33.667
34.804	23.920	1.025	14.792
1/15/2017 9:00:00 PM	342000.000	68.250	15.408
153.740	41792.098	51166.180	33.655
34.793	23.928	1.025	14.792
1/15/2017 9:15:00 PM	342900.000	68.240	15.409
153.717	41820.066	51199.570	33.679
34.816	23.912	1.025	14.795
1/15/2017 9:30:00 PM	343800.000	68.262	15.410
153.768	41823.625	51202.758	33.682
34.818	23.910	1.025	14.792
1/15/2017 9:45:00 PM	344700.000	68.257	15.410
153.755	41798.902	51172.281	33.659
34.797	23.924	1.025	14.792
1/15/2017 10:00:00 PM	345600.000	68.256	15.410
153.753	41826.598	51206.398	33.684
34.820	23.908	1.025	14.790
1/15/2017 10:15:00 PM	346500.000	68.263	15.410
153.770	41782.770	51152.215	33.645
34.784	23.933	1.025	14.792
1/15/2017 10:30:00 PM	347400.000	68.265	15.411
153.774	41803.746	51177.156	33.663
34.800	23.921	1.025	14.798
1/15/2017 10:45:00 PM	348300.000	68.277	15.411
153.801	41796.316	51168.059	33.656
34.794	23.926	1.025	14.800
1/15/2017 11:00:00 PM	349200.000	68.281	15.412

153.811	41837.703	51217.465	33.693
34.828	23.902	1.025	14.801
1/15/2017 11:15:00 PM	350100.000	68.301	15.411
153.855	41836.242	51216.316	33.692
34.827	23.903	1.025	14.796
1/15/2017 11:30:00 PM	351000.000	68.278	15.411
153.803	41818.086	51193.867	33.675
34.812	23.913	1.025	14.811
1/15/2017 11:45:00 PM	351900.000	68.308	15.413
153.871	41826.852	51202.371	33.682
34.818	23.908	1.025	14.800
1/16/2017 12:00:00 AM	352800.000	68.305	15.412
153.863	41808.320	51181.594	33.666
34.803	23.919	1.025	14.797
1/16/2017 12:15:00 AM	353700.000	68.311	15.413
153.878	41803.566	51174.613	33.661
34.799	23.921	1.025	14.797
1/16/2017 12:30:00 AM	354600.000	68.319	15.413
153.895	41856.387	51238.215	33.708
34.842	23.891	1.025	14.794
1/16/2017 12:45:00 AM	355500.000	68.329	15.412
153.919	41817.355	51192.762	33.675
34.811	23.914	1.025	14.793
1/16/2017 1:00:00 AM	356400.000	68.328	15.413
153.916	41809.395	51181.750	33.667
34.804	23.918	1.025	14.792
1/16/2017 1:15:00 AM	357300.000	68.338	15.412
153.937	41799.625	51170.320	33.658
34.796	23.924	1.025	14.791
1/16/2017 1:30:00 AM	358200.000	68.331	15.412
153.923	41815.660	51189.840	33.673
34.809	23.914	1.025	14.789
1/16/2017 1:45:00 AM	359100.000	68.339	15.411
153.940	41796.211	51166.992	33.656
34.794	23.926	1.025	14.788
1/16/2017 2:00:00 AM	360000.000	68.332	15.412
153.924	41832.727	51210.625	33.688
34.823	23.905	1.025	14.788
1/16/2017 2:15:00 AM	360900.000	68.342	15.411
153.946	41791.633	51161.387	33.652
34.790	23.928	1.025	14.782
1/16/2017 2:30:00 AM	361800.000	68.351	15.411
153.967	41825.711	51203.105	33.682
34.818	23.909	1.025	14.775
1/16/2017 2:45:00 AM	362700.000	68.351	15.412
153.968	41812.328	51186.609	33.670
34.807	23.916	1.025	14.779
1/16/2017 3:00:00 AM	363600.000	68.373	15.410
154.016	41800.328	51173.508	33.660
34.798	23.923	1.025	14.779
1/16/2017 3:15:00 AM	364500.000	68.348	15.411
153.961	41793.449	51163.609	33.653
34.791	23.927	1.025	14.784
1/16/2017 3:30:00 AM	365400.000	68.343	15.410
153.949	41799.086	51172.086	33.659
34.797	23.924	1.025	14.789
1/16/2017 3:45:00 AM	366300.000	68.342	15.410

153.946	41803.313	51177.684	33.663
34.801	23.922	1.025	14.785
1/16/2017 4:00:00 AM	367200.000	68.339	15.410
153.941	41797.809	51170.426	33.658
34.796	23.925	1.025	14.788
1/16/2017 4:15:00 AM	368100.000	68.357	15.410
153.980	41813.047	51188.969	33.672
34.809	23.916	1.025	14.782
1/16/2017 4:30:00 AM	369000.000	68.360	15.409
153.988	41803.480	51178.309	33.664
34.801	23.921	1.025	14.784
1/16/2017 4:45:00 AM	369900.000	68.352	15.410
153.969	41802.188	51176.305	33.662
34.800	23.922	1.025	14.785
1/16/2017 5:00:00 AM	370800.000	68.357	15.409
153.981	41817.785	51195.824	33.677
34.813	23.913	1.025	14.780
1/16/2017 5:15:00 AM	371700.000	68.351	15.409
153.966	41822.496	51201.590	33.681
34.817	23.911	1.025	14.793
1/16/2017 5:30:00 AM	372600.000	68.349	15.409
153.963	41803.281	51178.820	33.664
34.802	23.922	1.025	14.792
1/16/2017 5:45:00 AM	373500.000	68.342	15.409
153.947	41781.613	51151.754	33.644
34.783	23.934	1.025	14.796
1/16/2017 6:00:00 AM	374400.000	68.335	15.408
153.932	41814.531	51193.547	33.675
34.812	23.915	1.025	14.795
1/16/2017 6:15:00 AM	375300.000	68.334	15.408
153.929	41817.969	51197.313	33.678
34.814	23.913	1.025	14.792
1/16/2017 6:30:00 AM	376200.000	68.339	15.408
153.939	41802.477	51178.789	33.664
34.802	23.922	1.025	14.793
1/16/2017 6:45:00 AM	377100.000	68.335	15.409
153.932	41802.906	51178.254	33.664
34.801	23.922	1.025	14.798
1/16/2017 7:00:00 AM	378000.000	68.337	15.409
153.937	41808.863	51185.438	33.669
34.806	23.918	1.025	14.789
1/16/2017 7:15:00 AM	378900.000	68.325	15.409
153.909	41799.953	51175.059	33.661
34.799	23.923	1.025	14.802
1/16/2017 7:30:00 AM	379800.000	68.325	15.408
153.909	41781.176	51152.598	33.645
34.784	23.934	1.025	14.797
1/16/2017 7:45:00 AM	380700.000	68.323	15.408
153.905	41788.625	51161.387	33.651
34.790	23.930	1.025	14.800
1/16/2017 8:00:00 AM	381600.000	68.336	15.410
153.933	41782.355	51152.336	33.645
34.784	23.934	1.025	14.792
1/16/2017 8:15:00 AM	382500.000	68.335	15.409
153.931	41797.180	51171.133	33.659
34.796	23.925	1.025	14.803
1/16/2017 8:30:00 AM	383400.000	68.327	15.410

153.914	41778.629	51147.262	33.641
34.780	23.936	1.025	14.808
1/16/2017 8:45:00 AM	384300.000	68.339	15.409
153.941	41827.996	51208.539	33.686
34.822	23.907	1.025	14.805
1/16/2017 9:00:00 AM	385200.000	68.333	15.409
153.927	41792.344	51165.215	33.654
34.792	23.928	1.025	14.808
1/16/2017 9:15:00 AM	386100.000	68.339	15.409
153.939	41816.645	51195.180	33.676
34.813	23.914	1.025	14.809
1/16/2017 9:30:00 AM	387000.000	68.348	15.409
153.960	41847.898	51232.906	33.704
34.838	23.896	1.025	14.801
1/16/2017 9:45:00 AM	387900.000	68.341	15.409
153.946	41836.410	51218.738	33.694
34.829	23.903	1.025	14.807
1/16/2017 10:00:00 AM	388800.000	68.353	15.409
153.972	41801.484	51176.723	33.663
34.800	23.923	1.025	14.812
1/16/2017 10:15:00 AM	389700.000	68.373	15.408
154.016	41777.715	51148.031	33.641
34.781	23.936	1.025	14.809
1/16/2017 10:30:00 AM	390600.000	68.377	15.409
154.025	41802.047	51177.309	33.663
34.801	23.922	1.025	14.815
1/16/2017 10:45:00 AM	391500.000	68.372	15.410
154.014	41813.453	51190.305	33.673
34.809	23.916	1.025	14.811
1/16/2017 11:00:00 AM	392400.000	68.386	15.408
154.045	41796.211	51170.887	33.658
34.796	23.926	1.025	14.809
1/16/2017 11:15:00 AM	393300.000	68.400	15.408
154.078	41798.984	51174.820	33.661
34.799	23.924	1.025	14.809
1/16/2017 11:30:00 AM	394200.000	68.403	15.408
154.084	41801.406	51177.895	33.663
34.801	23.923	1.025	14.811
1/16/2017 11:45:00 AM	395100.000	68.403	15.408
154.085	41822.238	51203.180	33.682
34.818	23.911	1.025	14.806
1/16/2017 12:00:00 PM	396000.000	68.414	15.407
154.110	41839.441	51225.094	33.698
34.833	23.901	1.025	14.795
1/16/2017 12:15:00 PM	396900.000	68.424	15.406
154.132	41826.699	51210.973	33.688
34.823	23.908	1.025	14.792
1/16/2017 12:30:00 PM	397800.000	68.418	15.406
154.118	41797.715	51175.176	33.661
34.799	23.925	1.025	14.790
1/16/2017 12:45:00 PM	398700.000	68.419	15.405
154.120	41798.492	51176.969	33.663
34.800	23.924	1.025	14.788
1/16/2017 1:00:00 PM	399600.000	68.431	15.405
154.147	41834.523	51221.496	33.695
34.831	23.904	1.025	14.786
1/16/2017 1:15:00 PM	400500.000	68.434	15.406

154.154	41801.668	51180.637	33.665
34.803	23.922	1.025	14.779
1/16/2017 1:30:00 PM	401400.000	68.447	15.404
154.184	41822.211	51207.168	33.685
34.821	23.911	1.025	14.778
1/16/2017 1:45:00 PM	402300.000	68.434	15.404
154.154	41808.227	51190.043	33.672
34.809	23.919	1.025	14.777
1/16/2017 2:00:00 PM	403200.000	68.455	15.404
154.202	41799.949	51180.129	33.665
34.802	23.923	1.025	14.770
1/16/2017 2:15:00 PM	404100.000	68.445	15.403
154.179	41839.500	51229.605	33.701
34.836	23.901	1.025	14.773
1/16/2017 2:30:00 PM	405000.000	68.434	15.403
154.154	41829.395	51217.664	33.692
34.828	23.907	1.025	14.775
1/16/2017 2:45:00 PM	405900.000	68.437	15.403
154.162	41775.289	51151.723	33.644
34.783	23.938	1.025	14.775
1/16/2017 3:00:00 PM	406800.000	68.433	15.403
154.152	41827.555	51215.090	33.690
34.826	23.908	1.025	14.770
1/16/2017 3:15:00 PM	407700.000	68.424	15.401
154.132	41791.250	51173.387	33.660
34.798	23.928	1.025	14.771
1/16/2017 3:30:00 PM	408600.000	68.423	15.403
154.129	41784.371	51163.156	33.652
34.791	23.932	1.025	14.769
1/16/2017 3:45:00 PM	409500.000	68.415	15.402
154.113	41769.590	51145.277	33.639
34.779	23.941	1.025	14.771
1/16/2017 4:00:00 PM	410400.000	68.410	15.402
154.100	41816.434	51203.055	33.681
34.818	23.914	1.025	14.769
1/16/2017 4:15:00 PM	411300.000	68.396	15.402
154.068	41813.617	51199.605	33.679
34.816	23.916	1.025	14.771
1/16/2017 4:30:00 PM	412200.000	68.387	15.402
154.048	41821.957	51209.500	33.686
34.822	23.911	1.025	14.775
1/16/2017 4:45:00 PM	413100.000	68.373	15.402
154.017	41768.930	51145.105	33.639
34.779	23.941	1.025	14.770
1/16/2017 5:00:00 PM	414000.000	68.368	15.402
154.006	41836.133	51227.703	33.700
34.835	23.903	1.025	14.765
1/16/2017 5:15:00 PM	414900.000	68.351	15.402
153.967	41799.129	51181.766	33.666
34.804	23.924	1.025	14.772
1/16/2017 5:30:00 PM	415800.000	68.342	15.402
153.947	41807.637	51192.500	33.674
34.811	23.919	1.025	14.770
1/16/2017 5:45:00 PM	416700.000	68.327	15.403
153.913	41830.863	51219.344	33.693
34.829	23.906	1.025	14.776
1/16/2017 6:00:00 PM	417600.000	68.320	15.403

153.896	41804.684	51187.824	33.670
34.808	23.921	1.025	14.775
1/16/2017 6:15:00 PM	418500.000	68.309	15.403
153.872	41817.488	51203.293	33.682
34.818	23.913	1.025	14.770
1/16/2017 6:30:00 PM	419400.000	68.304	15.403
153.861	41800.313	51182.055	33.666
34.804	23.923	1.025	14.769
1/16/2017 6:45:00 PM	420300.000	68.294	15.404
153.839	41816.316	51201.113	33.680
34.817	23.914	1.025	14.771
1/16/2017 7:00:00 PM	421200.000	68.281	15.404
153.810	41790.434	51168.688	33.656
34.795	23.929	1.025	14.769
1/16/2017 7:15:00 PM	422100.000	68.281	15.404
153.809	41786.750	51163.969	33.653
34.792	23.931	1.025	14.771
1/16/2017 7:30:00 PM	423000.000	68.258	15.405
153.757	41808.734	51190.238	33.672
34.809	23.918	1.025	14.775
1/16/2017 7:45:00 PM	423900.000	68.258	15.406
153.757	41806.410	51186.133	33.669
34.807	23.920	1.025	14.770
1/16/2017 8:00:00 PM	424800.000	68.246	15.406
153.730	41778.070	51151.434	33.644
34.783	23.936	1.025	14.771
1/16/2017 8:15:00 PM	425700.000	68.244	15.407
153.727	41743.512	51108.270	33.612
34.754	23.956	1.025	14.773
1/16/2017 8:30:00 PM	426600.000	68.230	15.407
153.695	41793.664	51169.047	33.657
34.795	23.927	1.025	14.779
1/16/2017 8:45:00 PM	427500.000	68.223	15.407
153.679	41816.758	51197.645	33.678
34.814	23.914	1.025	14.784
1/16/2017 9:00:00 PM	428400.000	68.221	15.407
153.675	41772.477	51142.898	33.638
34.777	23.939	1.025	14.790
1/16/2017 9:15:00 PM	429300.000	68.231	15.408
153.697	41807.648	51185.633	33.669
34.806	23.919	1.025	14.786
1/16/2017 9:30:00 PM	430200.000	68.230	15.408
153.695	41770.871	51139.551	33.635
34.775	23.940	1.025	14.778
1/16/2017 9:45:00 PM	431100.000	68.225	15.410
153.684	41813.176	51189.555	33.672
34.809	23.916	1.025	14.784
1/16/2017 10:00:00 PM	432000.000	68.221	15.410
153.675	41774.098	51142.125	33.637
34.777	23.938	1.025	14.785
1/16/2017 10:15:00 PM	432900.000	68.234	15.410
153.705	41820.898	51199.320	33.679
34.816	23.911	1.025	14.779
1/16/2017 10:30:00 PM	433800.000	68.241	15.410
153.719	41772.859	51139.770	33.636
34.775	23.939	1.025	14.779
1/16/2017 10:45:00 PM	434700.000	68.238	15.411

153.714	41776.965	51144.371	33.639
34.778	23.937	1.025	14.784
1/16/2017 11:00:00 PM	435600.000	68.243	15.410
153.724	41772.824	51139.617	33.635
34.775	23.939	1.025	14.785
1/16/2017 11:15:00 PM	436500.000	68.251	15.411
153.742	41822.980	51200.492	33.680
34.816	23.910	1.025	14.780
1/16/2017 11:30:00 PM	437400.000	68.268	15.411
153.781	41808.059	51181.695	33.666
34.804	23.919	1.025	14.774
1/16/2017 11:45:00 PM	438300.000	68.268	15.411
153.781	41825.855	51203.801	33.683
34.819	23.909	1.025	14.776
1/17/2017 12:00:00 AM	439200.000	68.275	15.411
153.796	41836.441	51216.867	33.692
34.827	23.903	1.025	14.778
1/17/2017 12:15:00 AM	440100.000	68.280	15.411
153.806	41807.113	51180.539	33.666
34.803	23.919	1.025	14.775
1/17/2017 12:30:00 AM	441000.000	68.285	15.412
153.818	41840.270	51219.965	33.695
34.830	23.900	1.025	14.776
1/17/2017 12:45:00 AM	441900.000	68.291	15.413
153.833	41796.848	51165.750	33.655
34.793	23.925	1.025	14.775
1/17/2017 1:00:00 AM	442800.000	68.289	15.413
153.828	41856.742	51239.809	33.709
34.843	23.891	1.025	14.780
1/17/2017 1:15:00 AM	443700.000	68.300	15.412
153.853	41802.609	51174.402	33.661
34.799	23.922	1.025	14.774
1/17/2017 1:30:00 AM	444600.000	68.307	15.413
153.869	41822.266	51197.395	33.678
34.814	23.911	1.025	14.775
1/17/2017 1:45:00 AM	445500.000	68.302	15.413
153.857	41772.301	51136.441	33.633
34.773	23.939	1.025	14.782
1/17/2017 2:00:00 AM	446400.000	68.317	15.412
153.892	41822.797	51198.684	33.679
34.815	23.910	1.025	14.780
1/17/2017 2:15:00 AM	447300.000	68.328	15.412
153.915	41786.371	51154.406	33.646
34.785	23.931	1.025	14.775
1/17/2017 2:30:00 AM	448200.000	68.322	15.412
153.902	41808.570	51180.961	33.666
34.803	23.919	1.025	14.775
1/17/2017 2:45:00 AM	449100.000	68.351	15.412
153.968	41773.730	51138.820	33.635
34.774	23.938	1.025	14.772
1/17/2017 3:00:00 AM	450000.000	68.331	15.411
153.921	41795.977	51166.801	33.656
34.793	23.926	1.025	14.777
1/17/2017 3:15:00 AM	450900.000	68.332	15.411
153.925	41768.141	51133.355	33.631
34.771	23.942	1.025	14.777
1/17/2017 3:30:00 AM	451800.000	68.342	15.411

153.948	41788.141	51157.941	33.649
34.787	23.930	1.025	14.767
1/17/2017 3:45:00 AM	452700.000	68.337	15.410
153.935	41777.203	51145.297	33.640
34.779	23.936	1.025	14.776
1/17/2017 4:00:00 AM	453600.000	68.345	15.410
153.953	41809.055	51184.922	33.669
34.806	23.918	1.025	14.775
1/17/2017 4:15:00 AM	454500.000	68.335	15.410
153.932	41775.000	51143.020	33.638
34.777	23.938	1.025	14.778
1/17/2017 4:30:00 AM	455400.000	68.343	15.409
153.950	41802.773	51177.762	33.663
34.801	23.922	1.025	14.773
1/17/2017 4:45:00 AM	456300.000	68.342	15.410
153.948	41775.586	51143.422	33.638
34.778	23.937	1.025	14.774
1/17/2017 5:00:00 AM	457200.000	68.344	15.409
153.952	41777.820	51146.895	33.641
34.780	23.936	1.025	14.784
1/17/2017 5:15:00 AM	458100.000	68.360	15.409
153.988	41809.672	51186.746	33.670
34.807	23.918	1.025	14.770
1/17/2017 5:30:00 AM	459000.000	68.350	15.408
153.965	41802.379	51178.441	33.664
34.801	23.922	1.025	14.775
1/17/2017 5:45:00 AM	459900.000	68.354	15.409
153.973	41779.629	51150.176	33.643
34.782	23.935	1.025	14.773
1/17/2017 6:00:00 AM	460800.000	68.344	15.409
153.952	41781.102	51151.336	33.644
34.783	23.934	1.025	14.772
1/17/2017 6:15:00 AM	461700.000	68.345	15.409
153.953	41835.980	51218.414	33.693
34.829	23.903	1.025	14.773
1/17/2017 6:30:00 AM	462600.000	68.341	15.408
153.944	41768.242	51137.070	33.633
34.773	23.942	1.025	14.773
1/17/2017 6:45:00 AM	463500.000	68.337	15.408
153.935	41781.176	51152.371	33.645
34.784	23.934	1.025	14.775
1/17/2017 7:00:00 AM	464400.000	68.341	15.408
153.945	41802.523	51179.262	33.664
34.802	23.922	1.025	14.773
1/17/2017 7:15:00 AM	465300.000	68.328	15.407
153.915	41802.891	51180.230	33.665
34.803	23.922	1.025	14.781
1/17/2017 7:30:00 AM	466200.000	68.332	15.408
153.925	41780.129	51151.527	33.644
34.783	23.935	1.025	14.775
1/17/2017 7:45:00 AM	467100.000	68.326	15.408
153.911	41776.012	51145.844	33.640
34.779	23.937	1.025	14.780
1/17/2017 8:00:00 AM	468000.000	68.331	15.408
153.922	41819.344	51199.324	33.679
34.816	23.912	1.025	14.769
1/17/2017 8:15:00 AM	468900.000	68.319	15.408

153.896	41796.430	51171.043	33.658
34.796	23.925	1.025	14.767
1/17/2017 8:30:00 AM	469800.000	68.339	15.409
153.940	41806.848	51183.188	33.667
34.805	23.920	1.025	14.749
1/17/2017 8:45:00 AM	470700.000	68.337	15.408
153.937	41784.613	51156.477	33.648
34.786	23.932	1.025	14.756
1/17/2017 9:00:00 AM	471600.000	68.334	15.409
153.930	41822.254	51202.047	33.681
34.817	23.911	1.025	14.770
1/17/2017 9:15:00 AM	472500.000	68.342	15.408
153.948	41791.430	51165.363	33.654
34.792	23.928	1.025	14.774
1/17/2017 9:30:00 AM	473400.000	68.334	15.409
153.928	41783.602	51154.398	33.646
34.785	23.933	1.025	14.795
1/17/2017 9:45:00 AM	474300.000	68.334	15.409
153.929	41763.609	51129.715	33.628
34.768	23.944	1.025	14.802
1/17/2017 10:00:00 AM	475200.000	68.335	15.409
153.932	41787.570	51159.898	33.650
34.789	23.931	1.025	14.801
1/17/2017 10:15:00 AM	476100.000	68.332	15.409
153.925	41833.125	51215.672	33.691
34.827	23.905	1.025	14.811
1/17/2017 10:30:00 AM	477000.000	68.328	15.408
153.915	41775.918	51145.832	33.640
34.779	23.937	1.025	14.806
1/17/2017 10:45:00 AM	477900.000	68.328	15.409
153.917	41773.691	51142.266	33.637
34.777	23.939	1.025	14.797
1/17/2017 11:00:00 AM	478800.000	68.336	15.410
153.933	41807.648	51183.199	33.667
34.805	23.919	1.025	14.797
1/17/2017 11:15:00 AM	479700.000	68.343	15.409
153.948	41788.621	51160.234	33.651
34.789	23.930	1.025	14.790
1/17/2017 11:30:00 AM	480600.000	68.333	15.408
153.926	41778.176	51149.547	33.643
34.782	23.936	1.025	14.792
1/17/2017 11:45:00 AM	481500.000	68.332	15.409
153.925	41803.367	51179.238	33.664
34.802	23.922	1.025	14.792
1/17/2017 12:00:00 PM	482400.000	68.330	15.409
153.920	41784.102	51154.586	33.646
34.785	23.933	1.025	14.787
1/17/2017 12:15:00 PM	483300.000	68.330	15.409
153.920	41780.602	51150.516	33.643
34.782	23.935	1.025	14.788
1/17/2017 12:30:00 PM	484200.000	68.345	15.409
153.954	41797.449	51171.242	33.659
34.796	23.925	1.025	14.778
1/17/2017 12:45:00 PM	485100.000	68.342	15.409
153.947	41794.449	51168.320	33.656
34.794	23.927	1.025	14.778
1/17/2017 1:00:00 PM	486000.000	68.343	15.408

153.949	41775.453	51145.477	33.640
34.779	23.938	1.025	14.778
1/17/2017 1:15:00 PM	486900.000	68.348	15.408
153.961	41774.480	51144.512	33.639
34.778	23.938	1.025	14.769
1/17/2017 1:30:00 PM	487800.000	68.354	15.408
153.974	41762.164	51128.992	33.628
34.768	23.945	1.025	14.768
1/17/2017 1:45:00 PM	488700.000	68.356	15.408
153.979	41802.566	51178.785	33.664
34.802	23.922	1.025	14.768
1/17/2017 2:00:00 PM	489600.000	68.353	15.409
153.971	41803.984	51179.781	33.665
34.802	23.921	1.025	14.774
1/17/2017 2:15:00 PM	490500.000	68.355	15.408
153.977	41795.395	51170.004	33.658
34.796	23.926	1.025	14.774
1/17/2017 2:30:00 PM	491400.000	68.353	15.408
153.973	41757.387	51124.094	33.624
34.764	23.948	1.025	14.770
1/17/2017 2:45:00 PM	492300.000	68.353	15.407
153.972	41782.090	51154.766	33.646
34.785	23.934	1.025	14.774
1/17/2017 3:00:00 PM	493200.000	68.357	15.407
153.980	41780.602	51152.941	33.645
34.784	23.935	1.025	14.772
1/17/2017 3:15:00 PM	494100.000	68.351	15.407
153.967	41778.043	51150.242	33.643
34.782	23.936	1.025	14.779
1/17/2017 3:30:00 PM	495000.000	68.356	15.407
153.978	41810.746	51190.391	33.673
34.809	23.917	1.025	14.772
1/17/2017 3:45:00 PM	495900.000	68.356	15.407
153.980	41769.148	51138.922	33.635
34.774	23.941	1.025	14.771
1/17/2017 4:00:00 PM	496800.000	68.349	15.406
153.962	41781.457	51154.949	33.646
34.785	23.934	1.025	14.775
1/17/2017 4:15:00 PM	497700.000	68.332	15.407
153.924	41803.746	51181.820	33.666
34.804	23.921	1.025	14.786
1/17/2017 4:30:00 PM	498600.000	68.324	15.407
153.906	41800.578	51178.141	33.663
34.801	23.923	1.025	14.790
1/17/2017 4:45:00 PM	499500.000	68.334	15.407
153.928	41798.652	51175.586	33.662
34.799	23.924	1.025	14.780
1/17/2017 5:00:00 PM	500400.000	68.319	15.407
153.895	41787.445	51161.863	33.652
34.790	23.931	1.025	14.789
1/17/2017 5:15:00 PM	501300.000	68.304	15.406
153.861	41796.133	51173.438	33.660
34.798	23.926	1.025	14.794
1/17/2017 5:30:00 PM	502200.000	68.297	15.405
153.847	41768.617	51140.391	33.636
34.775	23.941	1.025	14.794
1/17/2017 5:45:00 PM	503100.000	68.290	15.408

153.829	41800.723	51177.152	33.663
34.800	23.923	1.025	14.791
1/17/2017 6:00:00 PM	504000.000	68.281	15.408
153.809	41794.961	51170.004	33.658
34.796	23.926	1.025	14.790
1/17/2017 6:15:00 PM	504900.000	68.269	15.407
153.781	41765.605	51134.387	33.631
34.771	23.943	1.025	14.800
1/17/2017 6:30:00 PM	505800.000	68.259	15.408
153.759	41797.480	51172.773	33.660
34.797	23.925	1.025	14.796
1/17/2017 6:45:00 PM	506700.000	68.249	15.408
153.738	41796.621	51172.035	33.659
34.797	23.925	1.025	14.796
1/17/2017 7:00:00 PM	507600.000	68.236	15.409
153.708	41801.211	51176.176	33.662
34.800	23.923	1.025	14.797
1/17/2017 7:15:00 PM	508500.000	68.232	15.409
153.700	41797.160	51171.109	33.659
34.796	23.925	1.025	14.794
1/17/2017 7:30:00 PM	509400.000	68.226	15.409
153.685	41820.398	51199.449	33.679
34.816	23.912	1.025	14.798
1/17/2017 7:45:00 PM	510300.000	68.212	15.409
153.655	41785.273	51156.234	33.648
34.786	23.932	1.025	14.801
1/17/2017 8:00:00 PM	511200.000	68.206	15.409
153.641	41820.254	51199.383	33.679
34.816	23.912	1.025	14.802
1/17/2017 8:15:00 PM	512100.000	68.192	15.410
153.610	41807.832	51182.477	33.667
34.804	23.919	1.025	14.805
1/17/2017 8:30:00 PM	513000.000	68.194	15.411
153.614	41821.898	51198.438	33.679
34.815	23.911	1.025	14.805
1/17/2017 8:45:00 PM	513900.000	68.191	15.411
153.606	41800.879	51173.125	33.660
34.798	23.923	1.025	14.806
1/17/2017 9:00:00 PM	514800.000	68.185	15.411
153.594	41785.945	51154.520	33.647
34.785	23.931	1.025	14.802
1/17/2017 9:15:00 PM	515700.000	68.186	15.412
153.595	41823.082	51199.566	33.680
34.816	23.910	1.025	14.795
1/17/2017 9:30:00 PM	516600.000	68.194	15.413
153.613	41792.250	51160.551	33.651
34.789	23.928	1.025	14.794
1/17/2017 9:45:00 PM	517500.000	68.193	15.413
153.611	41792.090	51159.816	33.651
34.789	23.928	1.025	14.790
1/17/2017 10:00:00 PM	518400.000	68.195	15.413
153.615	41793.539	51161.914	33.652
34.790	23.927	1.025	14.790
1/17/2017 10:15:00 PM	519300.000	68.197	15.413
153.620	41782.355	51147.699	33.642
34.780	23.934	1.025	14.788
1/17/2017 10:30:00 PM	520200.000	68.186	15.414

153.597	41809.844	51180.922	33.666
34.803	23.918	1.025	14.795
1/17/2017 10:45:00 PM	521100.000	68.191	15.415
153.608	41810.375	51180.621	33.666
34.803	23.918	1.025	14.794
1/17/2017 11:00:00 PM	522000.000	68.213	15.414
153.656	41823.055	51197.094	33.678
34.814	23.910	1.025	14.787
1/17/2017 11:15:00 PM	522900.000	68.194	15.415
153.615	41786.363	51150.391	33.644
34.782	23.931	1.025	14.797
1/17/2017 11:30:00 PM	523800.000	68.197	15.415
153.621	41745.512	51100.586	33.607
34.748	23.955	1.025	14.792
1/17/2017 11:45:00 PM	524700.000	68.202	15.415
153.632	41833.012	51208.023	33.686
34.821	23.905	1.025	14.790
1/18/2017 12:00:00 AM	525600.000	68.224	15.415
153.681	41769.582	51129.848	33.629
34.768	23.941	1.025	14.777
1/18/2017 12:15:00 AM	526500.000	68.224	15.416
153.682	41796.789	51161.992	33.652
34.790	23.925	1.025	14.783
1/18/2017 12:30:00 AM	527400.000	68.229	15.416
153.692	41809.238	51177.340	33.664
34.801	23.918	1.025	14.775
1/18/2017 12:45:00 AM	528300.000	68.230	15.417
153.695	41810.590	51178.348	33.664
34.801	23.917	1.025	14.779
1/18/2017 1:00:00 AM	529200.000	68.233	15.416
153.702	41825.227	51197.223	33.678
34.814	23.909	1.025	14.775
1/18/2017 1:15:00 AM	530100.000	68.247	15.417
153.732	41814.641	51182.465	33.668
34.804	23.915	1.025	14.775
1/18/2017 1:30:00 AM	531000.000	68.252	15.417
153.744	41777.488	51137.711	33.635
34.774	23.936	1.025	14.784
1/18/2017 1:45:00 AM	531900.000	68.248	15.416
153.736	41806.715	51173.922	33.661
34.798	23.920	1.025	14.792
1/18/2017 2:00:00 AM	532800.000	68.259	15.417
153.760	41794.078	51158.020	33.649
34.787	23.927	1.025	14.784
1/18/2017 2:15:00 AM	533700.000	68.267	15.416
153.778	41776.977	51137.742	33.635
34.774	23.937	1.025	14.788
1/18/2017 2:30:00 AM	534600.000	68.273	15.417
153.791	41790.707	51153.480	33.646
34.784	23.929	1.025	14.791
1/18/2017 2:45:00 AM	535500.000	68.279	15.417
153.805	41782.734	51144.133	33.639
34.778	23.933	1.025	14.789
1/18/2017 3:00:00 AM	536400.000	68.277	15.417
153.800	41809.258	51176.516	33.663
34.800	23.918	1.025	14.782
1/18/2017 3:15:00 AM	537300.000	68.286	15.416

153.820	41800.793	51167.414	33.656
34.794	23.923	1.025	14.783
1/18/2017 3:30:00 AM	538200.000	68.283	15.416
153.813	41786.219	51149.363	33.643
34.782	23.931	1.025	14.785
1/18/2017 3:45:00 AM	539100.000	68.296	15.415
153.843	41787.375	51152.258	33.645
34.784	23.931	1.025	14.783
1/18/2017 4:00:00 AM	540000.000	68.302	15.415
153.857	41759.352	51117.426	33.620
34.760	23.947	1.025	14.777
1/18/2017 4:15:00 AM	540900.000	68.308	15.416
153.871	41825.871	51198.430	33.679
34.815	23.909	1.025	14.785
1/18/2017 4:30:00 AM	541800.000	68.303	15.415
153.860	41780.914	51144.559	33.639
34.778	23.934	1.025	14.784
1/18/2017 4:45:00 AM	542700.000	68.295	15.414
153.842	41801.961	51170.961	33.659
34.796	23.922	1.025	14.786
1/18/2017 5:00:00 AM	543600.000	68.308	15.414
153.870	41808.414	51178.430	33.664
34.801	23.919	1.025	14.785
1/18/2017 5:15:00 AM	544500.000	68.311	15.414
153.878	41737.734	51092.230	33.601
34.743	23.959	1.025	14.779
1/18/2017 5:30:00 AM	545400.000	68.318	15.414
153.893	41774.184	51137.160	33.634
34.773	23.938	1.025	14.778
1/18/2017 5:45:00 AM	546300.000	68.331	15.412
153.922	41818.738	51193.406	33.675
34.812	23.913	1.025	14.768
1/18/2017 6:00:00 AM	547200.000	68.329	15.413
153.918	41764.410	51126.254	33.626
34.766	23.944	1.025	14.779
1/18/2017 6:15:00 AM	548100.000	68.335	15.411
153.931	41801.016	51173.500	33.660
34.798	23.923	1.025	14.785
1/18/2017 6:30:00 AM	549000.000	68.325	15.412
153.908	41787.660	51155.672	33.647
34.786	23.931	1.025	14.789
1/18/2017 6:45:00 AM	549900.000	68.329	15.411
153.919	41834.172	51213.781	33.690
34.825	23.904	1.025	14.788
1/18/2017 7:00:00 AM	550800.000	68.336	15.411
153.933	41786.512	51155.844	33.647
34.786	23.931	1.025	14.770
1/18/2017 7:15:00 AM	551700.000	68.341	15.411
153.946	41777.797	51145.387	33.640
34.779	23.936	1.025	14.773
1/18/2017 7:30:00 AM	552600.000	68.337	15.410
153.935	41772.207	51138.863	33.635
34.774	23.939	1.025	14.776
1/18/2017 7:45:00 AM	553500.000	68.328	15.410
153.916	41769.105	51135.172	33.632
34.772	23.941	1.025	14.764
1/18/2017 8:00:00 AM	554400.000	68.333	15.410

153.926	41781.523	51151.008	33.644
34.783	23.934	1.025	14.758
1/18/2017 8:15:00 AM	555300.000	68.325	15.409
153.909	41778.797	51148.090	33.642
34.781	23.936	1.025	14.759
1/18/2017 8:30:00 AM	556200.000	68.329	15.410
153.918	41764.059	51129.426	33.628
34.768	23.944	1.025	14.755
1/18/2017 8:45:00 AM	557100.000	68.345	15.409
153.953	41803.113	51177.859	33.664
34.801	23.922	1.025	14.746
1/18/2017 9:00:00 AM	558000.000	68.349	15.410
153.963	41789.738	51161.063	33.651
34.790	23.929	1.025	14.741
1/18/2017 9:15:00 AM	558900.000	68.333	15.409
153.927	41762.133	51128.543	33.627
34.767	23.945	1.025	14.745
1/18/2017 9:30:00 AM	559800.000	68.351	15.409
153.968	41800.918	51175.172	33.662
34.799	23.923	1.025	14.738
1/18/2017 9:45:00 AM	560700.000	68.340	15.409
153.941	41792.250	51164.676	33.654
34.792	23.928	1.025	14.742
1/18/2017 10:00:00 AM	561600.000	68.342	15.409
153.948	41789.836	51162.250	33.652
34.790	23.929	1.025	14.742
1/18/2017 10:15:00 AM	562500.000	68.334	15.409
153.929	41747.699	51110.555	33.614
34.755	23.953	1.025	14.772
1/18/2017 10:30:00 AM	563400.000	68.338	15.410
153.938	41803.172	51176.879	33.663
34.800	23.922	1.025	14.777
1/18/2017 10:45:00 AM	564300.000	68.340	15.408
153.942	41777.723	51148.039	33.642
34.781	23.936	1.025	14.783
1/18/2017 11:00:00 AM	565200.000	68.347	15.409
153.959	41762.727	51128.734	33.627
34.768	23.945	1.025	14.776
1/18/2017 11:15:00 AM	566100.000	68.330	15.409
153.921	41759.152	51124.258	33.624
34.764	23.947	1.025	14.772
1/18/2017 11:30:00 AM	567000.000	68.338	15.409
153.939	41771.875	51140.043	33.636
34.775	23.940	1.025	14.773
1/18/2017 11:45:00 AM	567900.000	68.334	15.408
153.928	41795.387	51169.879	33.658
34.796	23.926	1.025	14.771
1/18/2017 12:00:00 PM	568800.000	68.365	15.409
154.000	41765.227	51132.543	33.630
34.770	23.943	1.025	14.760
1/18/2017 12:15:00 PM	569700.000	68.328	15.409
153.916	41796.922	51171.035	33.658
34.796	23.925	1.025	14.761
1/18/2017 12:30:00 PM	570600.000	68.334	15.409
153.930	41779.617	51149.949	33.643
34.782	23.935	1.025	14.746
1/18/2017 12:45:00 PM	571500.000	68.339	15.409

153.941	41758.426	51123.688	33.624
34.764	23.947	1.025	14.743
1/18/2017 1:00:00 PM	572400.000	68.332	15.409
153.924	41789.434	51161.867	33.652
34.790	23.929	1.025	14.740
1/18/2017 1:15:00 PM	573300.000	68.341	15.408
153.944	41758.789	51125.301	33.625
34.765	23.947	1.025	14.730
1/18/2017 1:30:00 PM	574200.000	68.350	15.409
153.965	41771.969	51140.688	33.636
34.776	23.939	1.025	14.725
1/18/2017 1:45:00 PM	575100.000	68.347	15.408
153.958	41781.891	51153.684	33.646
34.785	23.934	1.025	14.723
1/18/2017 2:00:00 PM	576000.000	68.351	15.409
153.967	41785.203	51156.688	33.648
34.787	23.932	1.025	14.714
1/18/2017 2:15:00 PM	576900.000	68.355	15.408
153.976	41755.824	51121.230	33.622
34.762	23.949	1.025	14.706
1/18/2017 2:30:00 PM	577800.000	68.350	15.408
153.965	41774.012	51143.938	33.638
34.778	23.938	1.025	14.700
1/18/2017 2:45:00 PM	578700.000	68.355	15.408
153.976	41756.379	51122.238	33.623
34.763	23.948	1.025	14.690
1/18/2017 3:00:00 PM	579600.000	68.362	15.408
153.991	41794.246	51168.371	33.656
34.794	23.927	1.025	14.676
1/18/2017 3:15:00 PM	580500.000	68.366	15.407
154.002	41793.133	51169.023	33.657
34.795	23.927	1.025	14.673
1/18/2017 3:30:00 PM	581400.000	68.365	15.407
153.998	41770.813	51141.270	33.636
34.776	23.940	1.025	14.667
1/18/2017 3:45:00 PM	582300.000	68.364	15.407
153.996	41791.578	51166.816	33.655
34.793	23.928	1.025	14.672
1/18/2017 4:00:00 PM	583200.000	68.358	15.407
153.983	41765.328	51135.094	33.632
34.772	23.943	1.025	14.672
1/18/2017 4:15:00 PM	584100.000	68.358	15.407
153.982	41785.742	51159.449	33.650
34.788	23.932	1.025	14.660
1/18/2017 4:30:00 PM	585000.000	68.373	15.407
154.017	41786.137	51160.262	33.650
34.789	23.931	1.025	14.654
1/18/2017 4:45:00 PM	585900.000	68.362	15.406
153.992	41773.645	51145.383	33.639
34.779	23.939	1.025	14.657
1/18/2017 5:00:00 PM	586800.000	68.366	15.407
154.001	41762.973	51132.211	33.630
34.770	23.945	1.025	14.647
1/18/2017 5:15:00 PM	587700.000	68.367	15.406
154.003	41788.805	51164.039	33.653
34.792	23.930	1.025	14.638
1/18/2017 5:30:00 PM	588600.000	68.359	15.407

153.985	41790.730	51165.656	33.654
34.793	23.929	1.025	14.635
1/18/2017 5:45:00 PM	589500.000	68.356	15.406
153.980	41749.336	51115.621	33.618
34.759	23.952	1.025	14.632
1/18/2017 6:00:00 PM	590400.000	68.347	15.405
153.958	41781.070	51155.848	33.647
34.786	23.934	1.025	14.630
1/18/2017 6:15:00 PM	591300.000	68.346	15.406
153.956	41772.918	51144.906	33.639
34.779	23.939	1.025	14.622
1/18/2017 6:30:00 PM	592200.000	68.343	15.406
153.950	41821.324	51204.172	33.683
34.819	23.911	1.025	14.629
1/18/2017 6:45:00 PM	593100.000	68.336	15.407
153.934	41769.730	51140.176	33.636
34.775	23.941	1.025	14.627
1/18/2017 7:00:00 PM	594000.000	68.323	15.407
153.904	41756.523	51124.105	33.624
34.764	23.948	1.025	14.631
1/18/2017 7:15:00 PM	594900.000	68.321	15.407
153.901	41759.898	51128.027	33.627
34.767	23.946	1.025	14.629
1/18/2017 7:30:00 PM	595800.000	68.312	15.407
153.880	41774.184	51145.727	33.640
34.779	23.938	1.025	14.635
1/18/2017 7:45:00 PM	596700.000	68.315	15.406
153.886	41775.711	51147.914	33.641
34.781	23.937	1.025	14.637
1/18/2017 8:00:00 PM	597600.000	68.303	15.407
153.860	41788.297	51162.168	33.652
34.790	23.930	1.025	14.639
1/18/2017 8:15:00 PM	598500.000	68.322	15.407
153.901	41770.598	51141.434	33.637
34.776	23.940	1.025	14.640
1/18/2017 8:30:00 PM	599400.000	68.290	15.407
153.830	41768.734	51138.316	33.634
34.774	23.941	1.025	14.641
1/18/2017 8:45:00 PM	600300.000	68.300	15.408
153.853	41802.926	51179.227	33.664
34.802	23.922	1.025	14.645
1/18/2017 9:00:00 PM	601200.000	68.287	15.407
153.823	41773.574	51144.027	33.638
34.778	23.939	1.025	14.653
1/18/2017 9:15:00 PM	602100.000	68.294	15.408
153.839	41763.031	51130.496	33.629
34.769	23.945	1.025	14.646
1/18/2017 9:30:00 PM	603000.000	68.292	15.409
153.834	41774.230	51143.355	33.638
34.777	23.938	1.025	14.647
1/18/2017 9:45:00 PM	603900.000	68.287	15.409
153.822	41785.574	51156.605	33.648
34.786	23.932	1.025	14.649
1/18/2017 10:00:00 PM	604800.000	68.274	15.409
153.794	41769.098	51136.863	33.633
34.773	23.941	1.025	14.658
1/18/2017 10:15:00 PM	605700.000	68.279	15.409

153.806	41786.426	51157.969	33.649
34.787	23.931	1.025	14.657
1/18/2017 10:30:00 PM	606600.000	68.281	15.408
153.809	41767.141	51135.414	33.632
34.772	23.942	1.025	14.660
1/18/2017 10:45:00 PM	607500.000	68.270	15.409
153.786	41776.027	51145.016	33.639
34.779	23.937	1.025	14.655
1/18/2017 11:00:00 PM	608400.000	68.278	15.410
153.803	41767.648	51134.020	33.631
34.771	23.942	1.025	14.656
1/18/2017 11:15:00 PM	609300.000	68.270	15.410
153.785	41774.738	51142.383	33.637
34.777	23.938	1.025	14.665
1/18/2017 11:30:00 PM	610200.000	68.296	15.410
153.844	41772.535	51139.801	33.636
34.775	23.939	1.025	14.657
1/18/2017 11:45:00 PM	611100.000	68.284	15.410
153.815	41746.199	51107.969	33.612
34.753	23.954	1.025	14.670

Report Date: 1/20/2017 8:27:52 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_2017-01-19_08-33-47-076.wsl
Create Date: 1/19/2017 8:33:44 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

Log Data:
Record Count: 714
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
Elapsed Time		SN#: 421436	SN#: 421436	SN#: 421436
SN#: 421436		SN#: 421436	SN#: 421436	SN#: 421436
SN#: 421436		SN#: 421436		
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)	
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1/12/2017 12:00:00 AM	7200.000		20.401	14.518
45.956	41144.180		51442.914	33.785
34981.188	24.305		1.025	
1/12/2017 12:15:00 AM	8100.000		20.383	14.519
45.914	41167.656		51471.723	33.806
35000.773	24.291		1.025	
1/12/2017 12:30:00 AM	9000.000		20.373	14.518
45.893	41127.547		51422.547	33.770
34967.336	24.315		1.025	

1/12/2017 12:45:00 AM	9900.000	20.362	14.519
45.867	41133.824	51429.855	33.775
34972.301	24.311	1.025	
1/12/2017 1:00:00 AM	10800.000	20.355	14.519
45.851	41133.711	51428.961	33.774
34971.699	24.311	1.025	
1/12/2017 1:15:00 AM	11700.000	20.338	14.518
45.813	41184.332	51493.547	33.822
35015.613	24.281	1.025	
1/12/2017 1:30:00 AM	12600.000	20.325	14.519
45.784	41158.227	51460.148	33.797
34992.906	24.296	1.025	
1/12/2017 1:45:00 AM	13500.000	20.314	14.519
45.760	41130.945	51425.504	33.772
34969.344	24.313	1.025	
1/12/2017 2:00:00 AM	14400.000	20.295	14.519
45.716	41109.422	51399.027	33.753
34951.340	24.325	1.025	
1/12/2017 2:15:00 AM	15300.000	20.287	14.519
45.699	41160.816	51462.734	33.799
34994.664	24.295	1.025	
1/12/2017 2:30:00 AM	16200.000	20.284	14.519
45.692	41140.941	51438.645	33.782
34978.277	24.307	1.025	
1/12/2017 2:45:00 AM	17100.000	20.274	14.518
45.670	41136.250	51433.316	33.778
34974.660	24.309	1.025	
1/12/2017 3:00:00 AM	18000.000	20.273	14.519
45.667	41077.828	51358.758	33.723
34923.957	24.344	1.025	
1/12/2017 3:15:00 AM	18900.000	20.277	14.519
45.675	41138.023	51435.105	33.779
34975.871	24.308	1.025	
1/12/2017 3:30:00 AM	19800.000	20.275	14.519
45.671	41142.574	51440.238	33.783
34979.367	24.306	1.025	
1/12/2017 3:45:00 AM	20700.000	20.265	14.518
45.648	41130.730	51426.215	33.772
34969.828	24.313	1.025	
1/12/2017 4:00:00 AM	21600.000	20.266	14.519
45.652	41131.188	51425.688	33.772
34969.473	24.312	1.025	
1/12/2017 4:15:00 AM	22500.000	20.255	14.519
45.626	41181.375	51488.555	33.818
35012.223	24.283	1.025	
1/12/2017 4:30:00 AM	23400.000	20.254	14.519
45.623	41134.988	51430.879	33.776
34973.000	24.310	1.025	
1/12/2017 4:45:00 AM	24300.000	20.244	14.520
45.602	41094.234	51379.164	33.738
34937.832	24.334	1.025	
1/12/2017 5:00:00 AM	25200.000	20.242	14.520
45.596	41144.875	51442.160	33.784
34980.672	24.304	1.025	
1/12/2017 5:15:00 AM	26100.000	20.234	14.520

45.579	41171.828	51475.859	33.809
35003.586	24.288	1.025	
1/12/2017 5:30:00 AM	27000.000	20.228	14.519
45.565	41161.156	51463.043	33.799
34994.875	24.295	1.025	
1/12/2017 5:45:00 AM	27900.000	20.220	14.520
45.548	41141.469	51437.125	33.781
34977.250	24.306	1.025	
1/12/2017 6:00:00 AM	28800.000	20.212	14.520
45.530	41143.176	51439.699	33.782
34978.996	24.305	1.025	
1/12/2017 6:15:00 AM	29700.000	20.202	14.520
45.508	41190.621	51498.578	33.826
35019.035	24.277	1.025	
1/12/2017 6:30:00 AM	30600.000	20.205	14.520
45.513	41175.930	51480.547	33.812
35006.773	24.286	1.025	
1/12/2017 6:45:00 AM	31500.000	20.201	14.521
45.504	41163.336	51464.250	33.800
34995.691	24.293	1.025	
1/12/2017 7:00:00 AM	32400.000	20.199	14.520
45.501	41145.531	51442.438	33.784
34980.863	24.304	1.025	
1/12/2017 7:15:00 AM	33300.000	20.190	14.521
45.479	41151.566	51449.430	33.790
34985.613	24.300	1.025	
1/12/2017 7:30:00 AM	34200.000	20.193	14.522
45.486	41150.707	51446.934	33.788
34983.918	24.301	1.025	
1/12/2017 7:45:00 AM	35100.000	20.191	14.520
45.482	41160.914	51461.672	33.799
34993.938	24.295	1.025	
1/12/2017 8:00:00 AM	36000.000	20.185	14.520
45.468	41153.535	51452.762	33.792
34987.879	24.299	1.025	
1/12/2017 8:15:00 AM	36900.000	20.187	14.521
45.472	41136.797	51431.070	33.776
34973.129	24.309	1.025	
1/12/2017 8:30:00 AM	37800.000	20.187	14.521
45.474	41147.992	51445.066	33.786
34982.648	24.303	1.025	
1/12/2017 8:45:00 AM	38700.000	20.192	14.521
45.484	41132.586	51425.039	33.772
34969.027	24.312	1.025	
1/12/2017 9:00:00 AM	39600.000	20.194	14.521
45.489	41142.984	51438.039	33.781
34977.867	24.305	1.025	
1/12/2017 9:15:00 AM	40500.000	20.192	14.521
45.484	41151.004	51448.504	33.789
34984.984	24.301	1.025	
1/12/2017 9:30:00 AM	41400.000	20.198	14.521
45.497	41131.090	51424.039	33.771
34968.348	24.313	1.025	
1/12/2017 9:45:00 AM	42300.000	20.199	14.522
45.501	41117.141	51405.297	33.757

34955.605	24.321	1.025	
1/12/2017 10:00:00 AM	43200.000	20.207	14.521
45.518	41137.688	51432.078	33.777
34973.816	24.309	1.025	
1/12/2017 10:15:00 AM	44100.000	20.211	14.521
45.528	41125.664	51416.820	33.766
34963.441	24.316	1.025	
1/12/2017 10:30:00 AM	45000.000	20.208	14.521
45.521	41124.855	51415.926	33.765
34962.828	24.316	1.025	
1/12/2017 10:45:00 AM	45900.000	20.210	14.521
45.524	41151.832	51449.219	33.790
34985.469	24.300	1.025	
1/12/2017 11:00:00 AM	46800.000	20.213	14.520
45.532	41147.160	51444.355	33.786
34982.164	24.303	1.025	
1/12/2017 11:15:00 AM	47700.000	20.212	14.521
45.530	41147.496	51443.461	33.785
34981.555	24.303	1.025	
1/12/2017 11:30:00 AM	48600.000	20.213	14.521
45.533	41174.703	51478.566	33.811
35005.430	24.287	1.025	
1/12/2017 11:45:00 AM	49500.000	20.217	14.521
45.540	41186.504	51493.000	33.822
35015.242	24.280	1.025	
1/12/2017 12:00:00 PM	50400.000	20.215	14.521
45.536	41150.105	51446.828	33.788
34983.844	24.301	1.025	
1/12/2017 12:15:00 PM	51300.000	20.213	14.521
45.533	41168.637	51470.664	33.805
35000.055	24.290	1.025	
1/12/2017 12:30:00 PM	52200.000	20.212	14.521
45.529	41140.402	51435.473	33.779
34976.125	24.307	1.025	
1/12/2017 12:45:00 PM	53100.000	20.212	14.521
45.528	41146.027	51442.281	33.784
34980.750	24.304	1.025	
1/12/2017 1:00:00 PM	54000.000	20.209	14.521
45.522	41161.012	51460.246	33.798
34992.969	24.295	1.025	
1/12/2017 1:15:00 PM	54900.000	20.208	14.521
45.521	41148.789	51445.961	33.787
34983.258	24.302	1.025	
1/12/2017 1:30:00 PM	55800.000	20.199	14.521
45.501	41156.340	51455.063	33.794
34989.445	24.298	1.025	
1/12/2017 1:45:00 PM	56700.000	20.198	14.521
45.498	41131.910	51424.414	33.771
34968.605	24.312	1.025	
1/12/2017 2:00:00 PM	57600.000	20.193	14.521
45.486	41171.777	51474.473	33.808
35002.645	24.288	1.025	
1/12/2017 2:15:00 PM	58500.000	20.185	14.521
45.468	41166.531	51467.699	33.803
34998.035	24.292	1.025	

1/12/2017 2:30:00 PM	59400.000	20.178	14.520
45.452	41146.836	51444.387	33.786
34982.184	24.303	1.025	
1/12/2017 2:45:00 PM	60300.000	20.172	14.520
45.439	41180.848	51487.027	33.817
35011.180	24.283	1.025	
1/12/2017 3:00:00 PM	61200.000	20.163	14.521
45.418	41158.473	51457.840	33.796
34991.332	24.296	1.025	
1/12/2017 3:15:00 PM	62100.000	20.158	14.522
45.408	41161.301	51460.504	33.798
34993.145	24.295	1.025	
1/12/2017 3:30:00 PM	63000.000	20.147	14.521
45.383	41131.176	51423.273	33.770
34967.832	24.312	1.025	
1/12/2017 3:45:00 PM	63900.000	20.137	14.521
45.360	41177.824	51481.922	33.813
35007.711	24.285	1.025	
1/12/2017 4:00:00 PM	64800.000	20.131	14.521
45.347	41163.188	51463.848	33.800
34995.418	24.294	1.025	
1/12/2017 4:15:00 PM	65700.000	20.129	14.521
45.342	41159.262	51459.051	33.797
34992.156	24.296	1.025	
1/12/2017 4:30:00 PM	66600.000	20.138	14.521
45.362	41127.500	51419.230	33.767
34965.082	24.315	1.025	
1/12/2017 4:45:00 PM	67500.000	20.131	14.521
45.347	41146.070	51441.898	33.784
34980.496	24.304	1.025	
1/12/2017 5:00:00 PM	68400.000	20.127	14.520
45.339	41133.551	51428.098	33.774
34971.109	24.311	1.025	
1/12/2017 5:15:00 PM	69300.000	20.125	14.520
45.334	41159.215	51459.426	33.797
34992.414	24.296	1.025	
1/12/2017 5:30:00 PM	70200.000	20.123	14.521
45.328	41146.922	51442.633	33.785
34980.996	24.303	1.025	
1/12/2017 5:45:00 PM	71100.000	20.115	14.521
45.312	41168.660	51470.691	33.805
35000.074	24.290	1.025	
1/12/2017 6:00:00 PM	72000.000	20.111	14.521
45.302	41115.871	51404.141	33.756
34954.820	24.322	1.025	
1/12/2017 6:15:00 PM	72900.000	20.098	14.521
45.273	41113.086	51400.328	33.754
34952.227	24.323	1.025	
1/12/2017 6:30:00 PM	73800.000	20.098	14.522
45.273	41128.941	51419.723	33.768
34965.414	24.314	1.025	
1/12/2017 6:45:00 PM	74700.000	20.089	14.521
45.252	41150.297	51447.180	33.788
34984.086	24.301	1.025	
1/12/2017 7:00:00 PM	75600.000	20.082	14.521

45.237	41177.051	51480.629	33.813
35006.828	24.285	1.025	
1/12/2017 7:15:00 PM	76500.000	20.078	14.522
45.229	41172.500	51474.074	33.808
35002.371	24.288	1.025	
1/12/2017 7:30:00 PM	77400.000	20.074	14.521
45.218	41164.539	51465.313	33.801
34996.414	24.293	1.025	
1/12/2017 7:45:00 PM	78300.000	20.068	14.521
45.205	41164.945	51465.277	33.801
34996.391	24.293	1.025	
1/12/2017 8:00:00 PM	79200.000	20.066	14.522
45.200	41162.957	51461.816	33.799
34994.039	24.294	1.025	
1/12/2017 8:15:00 PM	80100.000	20.059	14.522
45.184	41149.227	51445.082	33.787
34982.660	24.302	1.025	
1/12/2017 8:30:00 PM	81000.000	20.049	14.523
45.163	41189.578	51494.227	33.823
35016.074	24.278	1.025	
1/12/2017 8:45:00 PM	81900.000	20.048	14.523
45.161	41144.926	51438.402	33.782
34978.113	24.304	1.025	
1/12/2017 9:00:00 PM	82800.000	20.041	14.522
45.145	41162.094	51460.398	33.798
34993.074	24.294	1.025	
1/12/2017 9:15:00 PM	83700.000	20.034	14.522
45.128	41141.383	51434.742	33.779
34975.629	24.306	1.025	
1/12/2017 9:30:00 PM	84600.000	20.033	14.522
45.126	41187.625	51492.551	33.821
35014.934	24.279	1.025	
1/12/2017 9:45:00 PM	85500.000	20.033	14.522
45.127	41138.785	51431.258	33.776
34973.254	24.308	1.025	
1/12/2017 10:00:00 PM	86400.000	20.024	14.523
45.105	41162.547	51460.648	33.798
34993.246	24.294	1.025	
1/12/2017 10:15:00 PM	87300.000	20.019	14.523
45.094	41146.453	51440.211	33.783
34979.348	24.303	1.025	
1/12/2017 10:30:00 PM	88200.000	20.021	14.523
45.099	41125.113	51413.082	33.763
34960.895	24.316	1.025	
1/12/2017 10:45:00 PM	89100.000	20.009	14.523
45.073	41151.281	51445.914	33.787
34983.223	24.301	1.025	
1/12/2017 11:00:00 PM	90000.000	20.010	14.523
45.073	41153.434	51449.039	33.790
34985.348	24.299	1.025	
1/12/2017 11:15:00 PM	90900.000	20.006	14.524
45.065	41160.914	51457.082	33.796
34990.816	24.295	1.025	
1/12/2017 11:30:00 PM	91800.000	19.994	14.523
45.039	41138.504	51430.047	33.776

34972.434	24.308	1.025	
1/12/2017 11:45:00 PM	92700.000	19.993	14.523
45.037	41148.313	51442.086	33.784
34980.617	24.302	1.025	
1/13/2017 12:00:00 AM	93600.000	19.983	14.524
45.013	41149.234	51443.020	33.785
34981.254	24.302	1.025	
1/13/2017 12:15:00 AM	94500.000	19.981	14.524
45.010	41128.684	51417.012	33.766
34963.570	24.314	1.025	
1/13/2017 12:30:00 AM	95400.000	19.973	14.525
44.992	41138.031	51426.945	33.774
34970.324	24.308	1.025	
1/13/2017 12:45:00 AM	96300.000	19.973	14.524
44.990	41163.820	51460.391	33.798
34993.070	24.293	1.025	
1/13/2017 1:00:00 AM	97200.000	19.962	14.525
44.966	41154.801	51448.770	33.789
34985.164	24.299	1.025	
1/13/2017 1:15:00 AM	98100.000	19.954	14.525
44.949	41131.953	51419.891	33.768
34965.531	24.312	1.025	
1/13/2017 1:30:00 AM	99000.000	19.941	14.524
44.919	41131.301	51419.625	33.768
34965.348	24.312	1.025	
1/13/2017 1:45:00 AM	99900.000	19.940	14.525
44.917	41121.633	51406.988	33.759
34956.758	24.318	1.025	
1/13/2017 2:00:00 AM	100800.000	19.937	14.526
44.911	41123.285	51407.863	33.760
34957.348	24.317	1.025	
1/13/2017 2:15:00 AM	101700.000	19.929	14.525
44.891	41132.121	51419.348	33.768
34965.156	24.312	1.025	
1/13/2017 2:30:00 AM	102600.000	19.928	14.526
44.890	41113.625	51395.785	33.751
34949.137	24.323	1.025	
1/13/2017 2:45:00 AM	103500.000	19.923	14.526
44.879	41162.520	51456.910	33.796
34990.699	24.294	1.025	
1/13/2017 3:00:00 AM	104400.000	19.929	14.526
44.892	41140.355	51428.773	33.775
34971.570	24.307	1.025	
1/13/2017 3:15:00 AM	105300.000	19.934	14.525
44.904	41175.137	51473.332	33.808
35001.871	24.287	1.025	
1/13/2017 3:30:00 AM	106200.000	19.935	14.526
44.907	41131.344	51417.938	33.767
34964.199	24.312	1.025	
1/13/2017 3:45:00 AM	107100.000	19.933	14.525
44.902	41128.754	51415.242	33.765
34962.363	24.314	1.025	
1/13/2017 4:00:00 AM	108000.000	19.928	14.525
44.890	41156.527	51450.609	33.791
34986.414	24.297	1.025	

1/13/2017 4:15:00 AM	108900.000	19.929	14.525
44.892	41124.152	51409.492	33.761
34958.453	24.317	1.025	
1/13/2017 4:30:00 AM	109800.000	19.926	14.526
44.885	41149.496	51439.973	33.783
34979.188	24.302	1.025	
1/13/2017 4:45:00 AM	110700.000	19.919	14.526
44.870	41147.398	51437.680	33.781
34977.621	24.303	1.025	
1/13/2017 5:00:00 AM	111600.000	19.919	14.526
44.870	41139.414	51427.805	33.774
34970.910	24.308	1.025	
1/13/2017 5:15:00 AM	112500.000	19.920	14.526
44.873	41155.500	51448.133	33.789
34984.734	24.298	1.025	
1/13/2017 5:30:00 AM	113400.000	19.912	14.526
44.855	41142.172	51431.598	33.777
34973.492	24.306	1.025	
1/13/2017 5:45:00 AM	114300.000	19.914	14.526
44.859	41158.949	51451.789	33.792
34987.223	24.296	1.025	
1/13/2017 6:00:00 AM	115200.000	19.912	14.526
44.854	41146.555	51436.082	33.780
34976.535	24.303	1.025	
1/13/2017 6:15:00 AM	116100.000	19.907	14.526
44.841	41128.730	51414.016	33.764
34961.531	24.314	1.025	
1/13/2017 6:30:00 AM	117000.000	19.903	14.526
44.833	41149.867	51440.438	33.784
34979.496	24.301	1.025	
1/13/2017 6:45:00 AM	117900.000	19.904	14.526
44.835	41130.512	51416.352	33.766
34963.125	24.313	1.025	
1/13/2017 7:00:00 AM	118800.000	19.904	14.526
44.836	41179.914	51478.109	33.811
35005.117	24.284	1.025	
1/13/2017 7:15:00 AM	119700.000	19.907	14.527
44.841	41158.809	51450.520	33.791
34986.359	24.296	1.025	
1/13/2017 7:30:00 AM	120600.000	19.899	14.527
44.825	41136.902	51423.461	33.771
34967.957	24.309	1.025	
1/13/2017 7:45:00 AM	121500.000	19.901	14.527
44.829	41168.711	51463.125	33.800
34994.926	24.290	1.025	
1/13/2017 8:00:00 AM	122400.000	19.895	14.527
44.815	41191.457	51491.656	33.821
35014.328	24.277	1.025	
1/13/2017 8:15:00 AM	123300.000	19.894	14.527
44.813	41177.262	51473.910	33.808
35002.258	24.285	1.025	
1/13/2017 8:30:00 AM	124200.000	19.897	14.528
44.819	41187.723	51485.902	33.817
35010.414	24.279	1.025	
1/13/2017 8:45:00 AM	125100.000	19.894	14.527

44.814	41119.859	51401.941	33.755
34953.324	24.319	1.025	
1/13/2017 9:00:00 AM	126000.000	19.899	14.527
44.825	41133.816	51419.172	33.768
34965.043	24.311	1.025	
1/13/2017 9:15:00 AM	126900.000	19.902	14.528
44.830	41167.316	51460.504	33.798
34993.145	24.291	1.025	
1/13/2017 9:30:00 AM	127800.000	19.906	14.528
44.839	41172.906	51466.836	33.803
34997.453	24.288	1.025	
1/13/2017 9:45:00 AM	128700.000	19.909	14.528
44.848	41148.402	51436.750	33.781
34976.992	24.302	1.025	
1/13/2017 10:00:00 AM	129600.000	19.913	14.528
44.857	41149.094	51437.184	33.781
34977.289	24.302	1.025	
1/13/2017 10:15:00 AM	130500.000	19.919	14.527
44.870	41161.660	51453.980	33.794
34988.707	24.294	1.025	
1/13/2017 10:30:00 AM	131400.000	19.913	14.528
44.855	41132.469	51416.508	33.766
34963.227	24.312	1.025	
1/13/2017 10:45:00 AM	132300.000	19.919	14.528
44.870	41169.281	51462.738	33.800
34994.668	24.290	1.025	
1/13/2017 11:00:00 AM	133200.000	19.921	14.527
44.875	41148.547	51437.477	33.781
34977.484	24.302	1.025	
1/13/2017 11:15:00 AM	134100.000	19.922	14.528
44.877	41162.402	51453.820	33.793
34988.598	24.294	1.025	
1/13/2017 11:30:00 AM	135000.000	19.924	14.527
44.882	41174.770	51470.469	33.806
34999.918	24.287	1.025	
1/13/2017 11:45:00 AM	135900.000	19.926	14.528
44.885	41135.066	51419.219	33.768
34965.074	24.310	1.025	
1/13/2017 12:00:00 PM	136800.000	19.927	14.528
44.887	41145.836	51433.750	33.779
34974.953	24.304	1.025	
1/13/2017 12:15:00 PM	137700.000	19.924	14.528
44.882	41168.070	51460.793	33.799
34993.344	24.291	1.025	
1/13/2017 12:30:00 PM	138600.000	19.929	14.528
44.893	41137.500	51422.898	33.771
34967.570	24.309	1.025	
1/13/2017 12:45:00 PM	139500.000	19.924	14.528
44.882	41154.977	51444.742	33.787
34982.426	24.298	1.025	
1/13/2017 1:00:00 PM	140400.000	19.927	14.528
44.887	41185.813	51482.859	33.815
35008.348	24.280	1.025	
1/13/2017 1:15:00 PM	141300.000	19.921	14.528
44.874	41179.473	51474.727	33.809

35002.816	24.284	1.025	
1/13/2017 1:30:00 PM	142200.000	19.916	14.528
44.864	41172.617	51467.227	33.803
34997.715	24.288	1.025	
1/13/2017 1:45:00 PM	143100.000	19.916	14.528
44.863	41161.035	51451.797	33.792
34987.223	24.295	1.025	
1/13/2017 2:00:00 PM	144000.000	19.917	14.528
44.865	41144.832	51431.543	33.777
34973.449	24.304	1.025	
1/13/2017 2:15:00 PM	144900.000	19.909	14.529
44.846	41182.012	51477.461	33.811
35004.672	24.282	1.025	
1/13/2017 2:30:00 PM	145800.000	19.904	14.528
44.835	41150.871	51439.184	33.783
34978.645	24.301	1.025	
1/13/2017 2:45:00 PM	146700.000	19.897	14.529
44.819	41131.012	51413.172	33.764
34960.961	24.313	1.025	
1/13/2017 3:00:00 PM	147600.000	19.891	14.528
44.805	41137.023	51421.984	33.770
34966.949	24.309	1.025	
1/13/2017 3:15:00 PM	148500.000	19.886	14.528
44.796	41206.855	51509.707	33.834
35026.605	24.268	1.025	
1/13/2017 3:30:00 PM	149400.000	19.876	14.528
44.773	41154.586	51443.938	33.786
34981.879	24.299	1.025	
1/13/2017 3:45:00 PM	150300.000	19.873	14.528
44.765	41161.633	51452.426	33.792
34987.652	24.294	1.025	
1/13/2017 4:00:00 PM	151200.000	19.864	14.528
44.745	41155.453	51444.703	33.787
34982.398	24.298	1.025	
1/13/2017 4:15:00 PM	152100.000	19.874	14.528
44.768	41180.742	51476.852	33.810
35004.262	24.283	1.025	
1/13/2017 4:30:00 PM	153000.000	19.878	14.528
44.778	41192.023	51490.734	33.821
35013.703	24.277	1.025	
1/13/2017 4:45:00 PM	153900.000	19.873	14.528
44.765	41158.563	51449.453	33.790
34985.629	24.296	1.025	
1/13/2017 5:00:00 PM	154800.000	19.865	14.528
44.748	41166.195	51458.336	33.797
34991.668	24.292	1.025	
1/13/2017 5:15:00 PM	155700.000	19.862	14.528
44.740	41149.891	51438.180	33.782
34977.961	24.301	1.025	
1/13/2017 5:30:00 PM	156600.000	19.858	14.529
44.733	41127.922	51410.055	33.761
34958.840	24.314	1.025	
1/13/2017 5:45:00 PM	157500.000	19.856	14.528
44.727	41168.082	51460.695	33.799
34993.273	24.291	1.025	

1/13/2017 6:00:00 PM	158400.000	19.852	14.529
44.718	41188.563	51485.648	33.817
35010.242	24.279	1.025	
1/13/2017 6:15:00 PM	159300.000	19.849	14.528
44.713	41109.586	51387.574	33.745
34943.555	24.325	1.025	
1/13/2017 6:30:00 PM	160200.000	19.847	14.529
44.707	41156.270	51445.055	33.787
34982.641	24.298	1.025	
1/13/2017 6:45:00 PM	161100.000	19.842	14.528
44.697	41181.363	51477.090	33.811
35004.426	24.283	1.025	
1/13/2017 7:00:00 PM	162000.000	19.834	14.530
44.678	41148.168	51434.059	33.779
34975.164	24.302	1.025	
1/13/2017 7:15:00 PM	162900.000	19.830	14.529
44.669	41157.898	51447.527	33.789
34984.320	24.297	1.025	
1/13/2017 7:30:00 PM	163800.000	19.818	14.529
44.643	41192.676	51490.789	33.821
35013.742	24.276	1.025	
1/13/2017 7:45:00 PM	164700.000	19.815	14.529
44.635	41151.879	51439.141	33.783
34978.617	24.300	1.025	
1/13/2017 8:00:00 PM	165600.000	19.810	14.529
44.623	41132.906	51415.969	33.766
34962.859	24.311	1.025	
1/13/2017 8:15:00 PM	166500.000	19.799	14.529
44.599	41160.215	51449.672	33.791
34985.777	24.295	1.025	
1/13/2017 8:30:00 PM	167400.000	19.801	14.530
44.603	41180.680	51474.820	33.809
35002.879	24.283	1.025	
1/13/2017 8:45:00 PM	168300.000	19.793	14.529
44.586	41146.922	51433.371	33.779
34974.691	24.303	1.025	
1/13/2017 9:00:00 PM	169200.000	19.791	14.530
44.581	41161.848	51450.730	33.791
34986.496	24.294	1.025	
1/13/2017 9:15:00 PM	170100.000	19.783	14.529
44.563	41173.234	51465.949	33.802
34996.848	24.288	1.025	
1/13/2017 9:30:00 PM	171000.000	19.782	14.530
44.560	41185.090	51480.211	33.813
35006.547	24.281	1.025	
1/13/2017 9:45:00 PM	171900.000	19.778	14.530
44.553	41170.809	51462.035	33.800
34994.188	24.289	1.025	
1/13/2017 10:00:00 PM	172800.000	19.773	14.530
44.541	41153.438	51439.879	33.783
34979.117	24.299	1.025	
1/13/2017 10:15:00 PM	173700.000	19.769	14.531
44.531	41199.840	51497.551	33.826
35018.336	24.272	1.025	
1/13/2017 10:30:00 PM	174600.000	19.766	14.531

44.526	41170.051	51460.316	33.798
34993.020	24.290	1.025	
1/13/2017 10:45:00 PM	175500.000	19.760	14.531
44.512	41173.984	51464.914	33.802
34996.145	24.287	1.025	
1/13/2017 11:00:00 PM	176400.000	19.754	14.530
44.498	41163.266	51452.063	33.792
34987.402	24.294	1.025	
1/13/2017 11:15:00 PM	177300.000	19.749	14.531
44.488	41156.742	51443.473	33.786
34981.563	24.297	1.025	
1/13/2017 11:30:00 PM	178200.000	19.746	14.531
44.480	41183.316	51475.828	33.810
35003.563	24.282	1.025	
1/13/2017 11:45:00 PM	179100.000	19.746	14.532
44.479	41141.820	51423.727	33.772
34968.137	24.306	1.025	
1/14/2017 12:00:00 AM	180000.000	19.740	14.532
44.467	41160.891	51447.563	33.789
34984.344	24.295	1.025	
1/14/2017 12:15:00 AM	180900.000	19.739	14.532
44.465	41163.387	51450.141	33.791
34986.098	24.293	1.025	
1/14/2017 12:30:00 AM	181800.000	19.731	14.532
44.446	41178.613	51469.715	33.805
34999.410	24.284	1.025	
1/14/2017 12:45:00 AM	182700.000	19.724	14.531
44.431	41195.891	51491.750	33.822
35014.395	24.274	1.025	
1/14/2017 1:00:00 AM	183600.000	19.725	14.533
44.433	41143.637	51424.789	33.773
34968.855	24.305	1.025	
1/14/2017 1:15:00 AM	184500.000	19.719	14.532
44.419	41135.395	51415.266	33.766
34962.383	24.310	1.025	
1/14/2017 1:30:00 AM	185400.000	19.716	14.532
44.413	41174.586	51464.465	33.802
34995.840	24.287	1.025	
1/14/2017 1:45:00 AM	186300.000	19.711	14.533
44.401	41168.875	51456.016	33.796
34990.094	24.290	1.025	
1/14/2017 2:00:00 AM	187200.000	19.709	14.533
44.398	41145.652	51427.207	33.774
34970.500	24.304	1.025	
1/14/2017 2:15:00 AM	188100.000	19.707	14.533
44.391	41159.957	51444.328	33.787
34982.148	24.295	1.025	
1/14/2017 2:30:00 AM	189000.000	19.697	14.533
44.369	41128.668	51405.875	33.759
34955.996	24.314	1.025	
1/14/2017 2:45:00 AM	189900.000	19.695	14.533
44.364	41159.980	51444.254	33.787
34982.094	24.295	1.025	
1/14/2017 3:00:00 AM	190800.000	19.695	14.533
44.365	41159.625	51443.809	33.787

34981.793	24.296	1.025	
1/14/2017 3:15:00 AM	191700.000	19.703	14.532
44.383	41147.328	51429.852	33.776
34972.301	24.303	1.025	
1/14/2017 3:30:00 AM	192600.000	19.701	14.534
44.379	41157.609	51441.074	33.785
34979.930	24.297	1.025	
1/14/2017 3:45:00 AM	193500.000	19.709	14.533
44.397	41144.602	51425.246	33.773
34969.168	24.305	1.025	
1/14/2017 4:00:00 AM	194400.000	19.701	14.533
44.379	41143.809	51424.359	33.772
34968.566	24.305	1.025	
1/14/2017 4:15:00 AM	195300.000	19.700	14.533
44.376	41192.895	51485.492	33.817
35010.141	24.276	1.025	
1/14/2017 4:30:00 AM	196200.000	19.698	14.533
44.372	41124.043	51399.766	33.754
34951.844	24.317	1.025	
1/14/2017 4:45:00 AM	197100.000	19.695	14.534
44.365	41143.270	51422.711	33.771
34967.445	24.305	1.025	
1/14/2017 5:00:00 AM	198000.000	19.690	14.532
44.353	41123.590	51399.969	33.754
34951.980	24.317	1.025	
1/14/2017 5:15:00 AM	198900.000	19.696	14.534
44.367	41167.246	51452.891	33.793
34987.965	24.291	1.025	
1/14/2017 5:30:00 AM	199800.000	19.686	14.534
44.344	41177.801	51466.086	33.803
34996.941	24.285	1.025	
1/14/2017 5:45:00 AM	200700.000	19.688	14.535
44.349	41163.723	51447.410	33.789
34984.242	24.293	1.025	
1/14/2017 6:00:00 AM	201600.000	19.684	14.535
44.341	41123.707	51397.504	33.753
34950.305	24.317	1.025	
1/14/2017 6:15:00 AM	202500.000	19.681	14.534
44.332	41178.016	51466.691	33.803
34997.352	24.285	1.025	
1/14/2017 6:30:00 AM	203400.000	19.688	14.534
44.348	41198.934	51492.066	33.822
35014.605	24.272	1.025	
1/14/2017 6:45:00 AM	204300.000	19.681	14.533
44.333	41161.324	51446.035	33.788
34983.309	24.295	1.025	
1/14/2017 7:00:00 AM	205200.000	19.681	14.535
44.332	41167.602	51452.258	33.793
34987.539	24.291	1.025	
1/14/2017 7:15:00 AM	206100.000	19.678	14.534
44.326	41141.789	51420.750	33.770
34966.109	24.306	1.025	
1/14/2017 7:30:00 AM	207000.000	19.675	14.535
44.321	41150.422	51431.004	33.777
34973.082	24.301	1.025	

1/14/2017 7:45:00 AM	207900.000	19.672	14.536
44.314	41149.703	51428.672	33.776
34971.496	24.302	1.025	
1/14/2017 8:00:00 AM	208800.000	19.675	14.534
44.320	41142.840	51421.742	33.770
34966.785	24.306	1.025	
1/14/2017 8:15:00 AM	209700.000	19.672	14.535
44.314	41126.332	51400.238	33.755
34952.168	24.315	1.025	
1/14/2017 8:30:00 AM	210600.000	19.675	14.535
44.319	41146.391	51425.414	33.773
34969.285	24.303	1.025	
1/14/2017 8:45:00 AM	211500.000	19.676	14.535
44.322	41190.707	51480.801	33.814
35006.945	24.277	1.025	
1/14/2017 9:00:00 AM	212400.000	19.678	14.534
44.328	41151.379	51432.527	33.778
34974.117	24.301	1.025	
1/14/2017 9:15:00 AM	213300.000	19.676	14.535
44.322	41157.652	51438.840	33.783
34978.414	24.297	1.025	
1/14/2017 9:30:00 AM	214200.000	19.672	14.535
44.314	41174.297	51459.641	33.798
34992.559	24.287	1.025	
1/14/2017 9:45:00 AM	215100.000	19.680	14.536
44.331	41193.605	51483.324	33.816
35008.664	24.276	1.025	
1/14/2017 10:00:00 AM	216000.000	19.680	14.536
44.331	41172.016	51456.012	33.796
34990.094	24.288	1.025	
1/14/2017 10:15:00 AM	216900.000	19.683	14.536
44.337	41141.500	51417.875	33.768
34964.156	24.306	1.025	
1/14/2017 10:30:00 AM	217800.000	19.684	14.536
44.341	41174.258	51458.703	33.798
34991.922	24.287	1.025	
1/14/2017 10:45:00 AM	218700.000	19.684	14.536
44.341	41185.746	51472.855	33.808
35001.547	24.280	1.025	
1/14/2017 11:00:00 AM	219600.000	19.688	14.536
44.349	41155.258	51435.504	33.781
34976.148	24.298	1.025	
1/14/2017 11:15:00 AM	220500.000	19.697	14.536
44.370	41177.703	51463.348	33.801
34995.078	24.285	1.025	
1/14/2017 11:30:00 AM	221400.000	19.695	14.536
44.365	41180.980	51467.105	33.804
34997.637	24.283	1.025	
1/14/2017 11:45:00 AM	222300.000	19.702	14.537
44.381	41163.984	51444.672	33.788
34982.379	24.293	1.025	
1/14/2017 12:00:00 PM	223200.000	19.706	14.536
44.389	41178.438	51463.723	33.801
34995.336	24.285	1.025	
1/14/2017 12:15:00 PM	224100.000	19.709	14.537

44.395	41145.047	51420.906	33.770
34966.219	24.304	1.025	
1/14/2017 12:30:00 PM	225000.000	19.714	14.536
44.407	41184.164	51470.988	33.807
35000.273	24.281	1.025	
1/14/2017 12:45:00 PM	225900.000	19.718	14.536
44.416	41155.766	51435.594	33.781
34976.203	24.298	1.025	
1/14/2017 1:00:00 PM	226800.000	19.720	14.536
44.422	41164.727	51447.449	33.789
34984.270	24.293	1.025	
1/14/2017 1:15:00 PM	227700.000	19.724	14.536
44.430	41142.410	51418.582	33.768
34964.637	24.306	1.025	
1/14/2017 1:30:00 PM	228600.000	19.722	14.536
44.426	41188.086	51475.891	33.810
35003.609	24.279	1.025	
1/14/2017 1:45:00 PM	229500.000	19.715	14.536
44.411	41164.875	51446.770	33.789
34983.805	24.293	1.025	
1/14/2017 2:00:00 PM	230400.000	19.719	14.537
44.419	41136.695	51411.000	33.763
34959.480	24.309	1.025	
1/14/2017 2:15:00 PM	231300.000	19.719	14.537
44.419	41143.402	51419.383	33.769
34965.180	24.305	1.025	
1/14/2017 2:30:00 PM	232200.000	19.716	14.536
44.413	41191.598	51480.711	33.814
35006.887	24.277	1.025	
1/14/2017 2:45:00 PM	233100.000	19.716	14.537
44.413	41153.820	51432.086	33.778
34973.824	24.299	1.025	
1/14/2017 3:00:00 PM	234000.000	19.705	14.537
44.388	41159.574	51439.828	33.784
34979.086	24.296	1.025	
1/14/2017 3:15:00 PM	234900.000	19.707	14.536
44.391	41150.469	51428.879	33.776
34971.637	24.301	1.025	
1/14/2017 3:30:00 PM	235800.000	19.701	14.537
44.378	41157.086	51436.168	33.781
34976.598	24.297	1.025	
1/14/2017 3:45:00 PM	236700.000	19.700	14.537
44.375	41154.969	51433.633	33.779
34974.871	24.298	1.025	
1/14/2017 4:00:00 PM	237600.000	19.696	14.536
44.367	41133.145	51407.660	33.760
34957.215	24.311	1.025	
1/14/2017 4:15:00 PM	238500.000	19.690	14.536
44.353	41132.992	51406.926	33.760
34956.711	24.311	1.025	
1/14/2017 4:30:00 PM	239400.000	19.683	14.537
44.338	41134.914	51408.566	33.761
34957.824	24.310	1.025	
1/14/2017 4:45:00 PM	240300.000	19.668	14.537
44.305	41151.832	51429.711	33.777

34972.207	24.300	1.025	
1/14/2017 5:00:00 PM	241200.000	19.668	14.536
44.303	41141.555	51417.516	33.768
34963.914	24.306	1.025	
1/14/2017 5:15:00 PM	242100.000	19.660	14.537
44.285	41143.602	51419.633	33.769
34965.355	24.305	1.025	
1/14/2017 5:30:00 PM	243000.000	19.652	14.537
44.268	41148.285	51425.055	33.773
34969.039	24.302	1.025	
1/14/2017 5:45:00 PM	243900.000	19.649	14.537
44.261	41180.680	51465.336	33.803
34996.430	24.283	1.025	
1/14/2017 6:00:00 PM	244800.000	19.640	14.537
44.240	41166.074	51447.953	33.790
34984.613	24.292	1.025	
1/14/2017 6:15:00 PM	245700.000	19.632	14.537
44.224	41147.012	51423.148	33.772
34967.742	24.303	1.025	
1/14/2017 6:30:00 PM	246600.000	19.628	14.537
44.214	41162.668	51443.145	33.786
34981.344	24.294	1.025	
1/14/2017 6:45:00 PM	247500.000	19.624	14.537
44.206	41168.180	51450.348	33.792
34986.242	24.291	1.025	
1/14/2017 7:00:00 PM	248400.000	19.623	14.538
44.203	41163.051	51442.965	33.786
34981.215	24.294	1.025	
1/14/2017 7:15:00 PM	249300.000	19.620	14.537
44.195	41132.246	51404.805	33.758
34955.270	24.312	1.025	
1/14/2017 7:30:00 PM	250200.000	19.618	14.538
44.192	41153.820	51431.543	33.778
34973.449	24.299	1.025	
1/14/2017 7:45:00 PM	251100.000	19.614	14.537
44.183	41138.762	51413.051	33.764
34960.875	24.308	1.025	
1/14/2017 8:00:00 PM	252000.000	19.608	14.537
44.169	41159.914	51439.488	33.784
34978.852	24.295	1.025	
1/14/2017 8:15:00 PM	252900.000	19.607	14.537
44.166	41143.395	51419.055	33.769
34964.957	24.305	1.025	
1/14/2017 8:30:00 PM	253800.000	19.599	14.538
44.149	41113.133	51380.039	33.740
34938.426	24.323	1.025	
1/14/2017 8:45:00 PM	254700.000	19.602	14.538
44.155	41136.551	51409.520	33.762
34958.473	24.309	1.025	
1/14/2017 9:00:00 PM	255600.000	19.597	14.538
44.144	41151.641	51427.836	33.775
34970.934	24.300	1.025	
1/14/2017 9:15:00 PM	256500.000	19.593	14.537
44.136	41129.043	51400.691	33.755
34952.469	24.314	1.025	

1/14/2017 9:30:00 PM	257400.000	19.591	14.539
44.130	41172.113	51452.652	33.794
34987.809	24.288	1.025	
1/14/2017 9:45:00 PM	258300.000	19.588	14.538
44.124	41123.164	51392.133	33.749
34946.656	24.317	1.025	
1/14/2017 10:00:00 PM	259200.000	19.585	14.538
44.118	41137.500	51410.379	33.762
34959.063	24.309	1.025	
1/14/2017 10:15:00 PM	260100.000	19.581	14.539
44.107	41171.371	51451.406	33.793
34986.957	24.289	1.025	
1/14/2017 10:30:00 PM	261000.000	19.580	14.539
44.105	41142.410	51415.000	33.766
34962.199	24.306	1.025	
1/14/2017 10:45:00 PM	261900.000	19.576	14.539
44.097	41135.863	51407.137	33.760
34956.852	24.310	1.025	
1/14/2017 11:00:00 PM	262800.000	19.573	14.539
44.090	41141.305	51414.703	33.766
34962.000	24.306	1.025	
1/14/2017 11:15:00 PM	263700.000	19.569	14.539
44.081	41168.301	51447.355	33.790
34984.203	24.291	1.025	
1/14/2017 11:30:00 PM	264600.000	19.572	14.539
44.087	41165.020	51443.570	33.787
34981.633	24.292	1.025	
1/14/2017 11:45:00 PM	265500.000	19.562	14.540
44.066	41122.063	51388.371	33.747
34944.094	24.318	1.025	
1/15/2017 12:00:00 AM	266400.000	19.559	14.539
44.058	41168.063	51446.941	33.789
34983.926	24.291	1.025	
1/15/2017 12:15:00 AM	267300.000	19.560	14.540
44.061	41129.430	51397.906	33.754
34950.582	24.313	1.025	
1/15/2017 12:30:00 AM	268200.000	19.555	14.540
44.050	41124.000	51391.008	33.748
34945.887	24.317	1.025	
1/15/2017 12:45:00 AM	269100.000	19.555	14.541
44.050	41126.852	51394.141	33.751
34948.016	24.315	1.025	
1/15/2017 1:00:00 AM	270000.000	19.554	14.541
44.047	41153.488	51426.445	33.775
34969.984	24.299	1.025	
1/15/2017 1:15:00 AM	270900.000	19.545	14.541
44.028	41128.313	51394.871	33.751
34948.512	24.314	1.025	
1/15/2017 1:30:00 AM	271800.000	19.544	14.541
44.024	41152.238	51425.863	33.774
34969.590	24.300	1.025	
1/15/2017 1:45:00 AM	272700.000	19.543	14.541
44.022	41117.137	51381.117	33.741
34939.164	24.321	1.025	
1/15/2017 2:00:00 AM	273600.000	19.537	14.541

44.010	41167.684	51444.930	33.788
34982.551	24.291	1.025	
1/15/2017 2:15:00 AM	274500.000	19.537	14.541
44.008	41096.313	51355.098	33.722
34921.469	24.333	1.025	
1/15/2017 2:30:00 AM	275400.000	19.530	14.541
43.994	41117.840	51382.328	33.742
34939.988	24.320	1.025	
1/15/2017 2:45:00 AM	276300.000	19.530	14.541
43.993	41158.930	51433.129	33.779
34974.527	24.296	1.025	
1/15/2017 3:00:00 AM	277200.000	19.528	14.542
43.988	41115.426	51378.551	33.739
34937.418	24.322	1.025	
1/15/2017 3:15:00 AM	278100.000	19.529	14.542
43.990	41131.930	51398.195	33.754
34950.773	24.312	1.025	
1/15/2017 3:30:00 AM	279000.000	19.524	14.542
43.979	41109.168	51370.078	33.733
34931.656	24.325	1.025	
1/15/2017 3:45:00 AM	279900.000	19.539	14.543
44.014	41177.566	51454.801	33.795
34989.266	24.285	1.025	
1/15/2017 4:00:00 AM	280800.000	19.543	14.542
44.023	41147.949	51419.297	33.769
34965.121	24.303	1.025	
1/15/2017 4:15:00 AM	281700.000	19.541	14.542
44.019	41126.152	51391.191	33.749
34946.016	24.315	1.025	
1/15/2017 4:30:00 AM	282600.000	19.540	14.542
44.015	41137.668	51405.477	33.759
34955.723	24.309	1.025	
1/15/2017 4:45:00 AM	283500.000	19.543	14.541
44.023	41136.422	51405.438	33.759
34955.699	24.309	1.025	
1/15/2017 5:00:00 AM	284400.000	19.541	14.542
44.019	41129.117	51394.895	33.751
34948.527	24.314	1.025	
1/15/2017 5:15:00 AM	285300.000	19.540	14.542
44.015	41146.270	51416.441	33.767
34963.180	24.304	1.025	
1/15/2017 5:30:00 AM	286200.000	19.540	14.542
44.015	41133.707	51400.418	33.756
34952.285	24.311	1.025	
1/15/2017 5:45:00 AM	287100.000	19.541	14.543
44.019	41149.285	51419.664	33.770
34965.375	24.302	1.025	
1/15/2017 6:00:00 AM	288000.000	19.538	14.542
44.011	41148.762	51419.555	33.770
34965.297	24.302	1.025	
1/15/2017 6:15:00 AM	288900.000	19.532	14.543
43.998	41132.574	51398.781	33.754
34951.172	24.312	1.025	
1/15/2017 6:30:00 AM	289800.000	19.533	14.543
43.999	41150.414	51420.871	33.771

34966.195	24.301	1.025	
1/15/2017 6:45:00 AM	290700.000	19.530	14.543
43.992	41130.867	51395.996	33.752
34949.281	24.313	1.025	
1/15/2017 7:00:00 AM	291600.000	19.531	14.543
43.994	41133.434	51399.746	33.755
34951.828	24.311	1.025	
1/15/2017 7:15:00 AM	292500.000	19.525	14.543
43.982	41112.348	51373.398	33.736
34933.910	24.324	1.025	
1/15/2017 7:30:00 AM	293400.000	19.524	14.543
43.979	41113.910	51374.910	33.737
34934.941	24.323	1.025	
1/15/2017 7:45:00 AM	294300.000	19.525	14.543
43.982	41133.953	51400.617	33.756
34952.422	24.311	1.025	
1/15/2017 8:00:00 AM	295200.000	19.526	14.543
43.984	41137.477	51404.039	33.758
34954.746	24.309	1.025	
1/15/2017 8:15:00 AM	296100.000	19.520	14.543
43.971	41118.613	51380.355	33.741
34938.641	24.320	1.025	
1/15/2017 8:30:00 AM	297000.000	19.524	14.543
43.979	41162.000	51434.469	33.781
34975.441	24.294	1.025	
1/15/2017 8:45:00 AM	297900.000	19.522	14.543
43.975	41138.711	51405.691	33.759
34955.871	24.308	1.025	
1/15/2017 9:00:00 AM	298800.000	19.525	14.544
43.982	41175.070	51450.246	33.792
34986.168	24.287	1.025	
1/15/2017 9:15:00 AM	299700.000	19.530	14.543
43.993	41150.461	51420.375	33.770
34965.859	24.301	1.025	
1/15/2017 9:30:00 AM	300600.000	19.525	14.543
43.982	41127.344	51391.164	33.749
34945.996	24.315	1.025	
1/15/2017 9:45:00 AM	301500.000	19.530	14.544
43.992	41128.148	51390.973	33.749
34945.867	24.314	1.025	
1/15/2017 10:00:00 AM	302400.000	19.531	14.544
43.996	41138.961	51404.586	33.759
34955.121	24.308	1.025	
1/15/2017 10:15:00 AM	303300.000	19.541	14.545
44.019	41147.965	51415.617	33.767
34962.625	24.303	1.025	
1/15/2017 10:30:00 AM	304200.000	19.537	14.544
44.010	41111.813	51370.988	33.734
34932.273	24.324	1.025	
1/15/2017 10:45:00 AM	305100.000	19.540	14.545
44.015	41103.664	51359.926	33.726
34924.750	24.329	1.025	
1/15/2017 11:00:00 AM	306000.000	19.547	14.544
44.031	41104.910	51362.250	33.728
34926.336	24.328	1.025	

1/15/2017 11:15:00 AM	306900.000	19.546	14.545
44.029	41145.758	51412.750	33.765
34960.676	24.304	1.025	
1/15/2017 11:30:00 AM	307800.000	19.549	14.544
44.037	41127.641	51390.336	33.748
34945.430	24.315	1.025	
1/15/2017 11:45:00 AM	308700.000	19.553	14.544
44.044	41104.336	51361.320	33.727
34925.699	24.328	1.025	
1/15/2017 12:00:00 PM	309600.000	19.559	14.545
44.060	41115.781	51375.293	33.737
34935.199	24.322	1.025	
1/15/2017 12:15:00 PM	310500.000	19.562	14.544
44.065	41129.418	51392.559	33.750
34946.941	24.313	1.025	
1/15/2017 12:30:00 PM	311400.000	19.561	14.546
44.063	41094.641	51347.789	33.717
34916.496	24.334	1.025	
1/15/2017 12:45:00 PM	312300.000	19.562	14.546
44.065	41119.531	51378.793	33.740
34937.582	24.319	1.025	
1/15/2017 1:00:00 PM	313200.000	19.569	14.545
44.081	41131.176	51394.090	33.751
34947.984	24.312	1.025	
1/15/2017 1:15:00 PM	314100.000	19.569	14.545
44.081	41110.172	51368.395	33.732
34930.508	24.325	1.025	
1/15/2017 1:30:00 PM	315000.000	19.573	14.546
44.091	41134.156	51396.848	33.753
34949.855	24.311	1.025	
1/15/2017 1:45:00 PM	315900.000	19.573	14.546
44.091	41115.738	51374.051	33.736
34934.355	24.322	1.025	
1/15/2017 2:00:00 PM	316800.000	19.575	14.545
44.094	41116.781	51376.652	33.738
34936.125	24.321	1.025	
1/15/2017 2:15:00 PM	317700.000	19.576	14.546
44.097	41121.945	51381.488	33.742
34939.414	24.318	1.025	
1/15/2017 2:30:00 PM	318600.000	19.576	14.545
44.097	41120.371	51380.586	33.741
34938.797	24.319	1.025	
1/15/2017 2:45:00 PM	319500.000	19.576	14.546
44.097	41124.289	51384.738	33.744
34941.625	24.317	1.025	
1/15/2017 3:00:00 PM	320400.000	19.575	14.545
44.094	41073.977	51322.074	33.698
34899.012	24.346	1.025	
1/15/2017 3:15:00 PM	321300.000	19.576	14.545
44.097	41112.563	51370.727	33.734
34932.094	24.323	1.025	
1/15/2017 3:30:00 PM	322200.000	19.569	14.545
44.081	41091.383	51343.938	33.714
34913.879	24.336	1.025	
1/15/2017 3:45:00 PM	323100.000	19.569	14.545

44.081	41097.172	51351.598	33.720
34919.086	24.333	1.025	
1/15/2017 4:00:00 PM	324000.000	19.565	14.544
44.072	41125.848	51388.098	33.747
34943.910	24.316	1.025	
1/15/2017 4:15:00 PM	324900.000	19.560	14.546
44.062	41095.867	51348.559	33.718
34917.023	24.333	1.025	
1/15/2017 4:30:00 PM	325800.000	19.563	14.545
44.067	41079.602	51329.219	33.704
34903.871	24.343	1.025	
1/15/2017 4:45:00 PM	326700.000	19.554	14.545
44.047	41090.137	51342.379	33.713
34912.820	24.337	1.025	
1/15/2017 5:00:00 PM	327600.000	19.546	14.545
44.029	41148.441	51415.773	33.767
34962.727	24.302	1.025	
1/15/2017 5:15:00 PM	328500.000	19.548	14.546
44.034	41136.570	51400.082	33.756
34952.059	24.309	1.025	
1/15/2017 5:30:00 PM	329400.000	19.545	14.545
44.027	41104.559	51360.621	33.727
34925.223	24.328	1.025	
1/15/2017 5:45:00 PM	330300.000	19.531	14.545
43.994	41075.406	51324.301	33.700
34900.523	24.345	1.025	
1/15/2017 6:00:00 PM	331200.000	19.532	14.545
43.998	41112.289	51370.387	33.734
34931.867	24.324	1.025	
1/15/2017 6:15:00 PM	332100.000	19.524	14.545
43.979	41142.742	51408.113	33.761
34957.516	24.306	1.025	
1/15/2017 6:30:00 PM	333000.000	19.520	14.546
43.971	41125.883	51386.297	33.745
34942.684	24.316	1.025	
1/15/2017 6:45:00 PM	333900.000	19.514	14.546
43.958	41130.957	51392.512	33.750
34946.910	24.313	1.025	
1/15/2017 7:00:00 PM	334800.000	19.507	14.545
43.942	41089.660	51342.324	33.713
34912.785	24.337	1.025	
1/15/2017 7:15:00 PM	335700.000	19.510	14.545
43.948	41111.484	51369.277	33.733
34931.109	24.324	1.025	
1/15/2017 7:30:00 PM	336600.000	19.504	14.546
43.935	41099.445	51352.711	33.721
34919.844	24.331	1.025	
1/15/2017 7:45:00 PM	337500.000	19.504	14.546
43.935	41095.539	51348.258	33.718
34916.816	24.334	1.025	
1/15/2017 8:00:00 PM	338400.000	19.503	14.546
43.932	41077.168	51325.641	33.701
34901.441	24.344	1.025	
1/15/2017 8:15:00 PM	339300.000	19.497	14.546
43.918	41098.070	51351.863	33.720

34919.266	24.332	1.025	
1/15/2017 8:30:00 PM	340200.000	19.490	14.546
43.904	41096.434	51349.715	33.719
34917.805	24.333	1.025	
1/15/2017 8:45:00 PM	341100.000	19.493	14.546
43.909	41117.965	51375.961	33.738
34935.652	24.320	1.025	
1/15/2017 9:00:00 PM	342000.000	19.486	14.547
43.894	41095.508	51347.680	33.717
34916.422	24.334	1.025	
1/15/2017 9:15:00 PM	342900.000	19.487	14.547
43.895	41124.828	51384.098	33.744
34941.188	24.316	1.025	
1/15/2017 9:30:00 PM	343800.000	19.480	14.547
43.880	41144.840	51409.102	33.762
34958.191	24.304	1.025	
1/15/2017 9:45:00 PM	344700.000	19.479	14.548
43.878	41110.199	51364.414	33.730
34927.805	24.325	1.025	
1/15/2017 10:00:00 PM	345600.000	19.478	14.547
43.875	41115.328	51371.688	33.735
34932.746	24.322	1.025	
1/15/2017 10:15:00 PM	346500.000	19.476	14.547
43.872	41154.848	51421.504	33.771
34966.621	24.298	1.025	
1/15/2017 10:30:00 PM	347400.000	19.471	14.547
43.860	41131.688	51391.793	33.750
34946.418	24.312	1.025	
1/15/2017 10:45:00 PM	348300.000	19.471	14.547
43.860	41084.348	51333.414	33.707
34906.723	24.340	1.025	
1/15/2017 11:00:00 PM	349200.000	19.469	14.547
43.856	41130.664	51391.164	33.749
34945.996	24.313	1.025	
1/15/2017 11:15:00 PM	350100.000	19.465	14.548
43.847	41130.160	51389.355	33.748
34944.762	24.313	1.025	
1/15/2017 11:30:00 PM	351000.000	19.466	14.547
43.850	41088.250	51337.953	33.710
34909.809	24.338	1.025	
1/15/2017 11:45:00 PM	351900.000	19.462	14.548
43.839	41071.848	51316.387	33.694
34895.145	24.348	1.025	
1/16/2017 12:00:00 AM	352800.000	19.456	14.548
43.827	41115.957	51371.379	33.735
34932.539	24.321	1.025	
1/16/2017 12:15:00 AM	353700.000	19.460	14.548
43.835	41104.465	51357.141	33.724
34922.855	24.328	1.025	
1/16/2017 12:30:00 AM	354600.000	19.453	14.548
43.820	41114.145	51368.578	33.733
34930.633	24.323	1.025	
1/16/2017 12:45:00 AM	355500.000	19.458	14.548
43.832	41121.984	51379.027	33.740
34937.742	24.318	1.025	

1/16/2017 1:00:00 AM	356400.000	19.454	14.549
43.822	41095.449	51344.230	33.715
34914.082	24.334	1.025	
1/16/2017 1:15:00 AM	357300.000	19.450	14.549
43.813	41095.055	51343.738	33.715
34913.742	24.334	1.025	
1/16/2017 1:30:00 AM	358200.000	19.445	14.550
43.803	41111.137	51363.082	33.729
34926.895	24.324	1.025	
1/16/2017 1:45:00 AM	359100.000	19.446	14.549
43.804	41075.379	51319.156	33.697
34897.031	24.345	1.025	
1/16/2017 2:00:00 AM	360000.000	19.443	14.549
43.797	41066.387	51307.715	33.688
34889.246	24.351	1.025	
1/16/2017 2:15:00 AM	360900.000	19.451	14.550
43.814	41074.133	51316.852	33.695
34895.461	24.346	1.025	
1/16/2017 2:30:00 AM	361800.000	19.443	14.550
43.798	41106.367	51357.555	33.725
34923.137	24.327	1.025	
1/16/2017 2:45:00 AM	362700.000	19.438	14.550
43.786	41082.020	51326.367	33.702
34901.934	24.342	1.025	
1/16/2017 3:00:00 AM	363600.000	19.439	14.550
43.789	41063.977	51304.160	33.686
34886.828	24.352	1.025	
1/16/2017 3:15:00 AM	364500.000	19.441	14.550
43.793	41100.406	51349.125	33.719
34917.406	24.331	1.025	
1/16/2017 3:30:00 AM	365400.000	19.444	14.550
43.800	41131.777	51388.750	33.748
34944.355	24.312	1.025	
1/16/2017 3:45:00 AM	366300.000	19.446	14.551
43.805	41079.355	51322.391	33.699
34899.227	24.343	1.025	
1/16/2017 4:00:00 AM	367200.000	19.445	14.550
43.802	41112.160	51363.582	33.729
34927.234	24.324	1.025	
1/16/2017 4:15:00 AM	368100.000	19.459	14.551
43.834	41109.328	51359.727	33.726
34924.613	24.325	1.025	
1/16/2017 4:30:00 AM	369000.000	19.465	14.550
43.847	41099.891	51348.254	33.718
34916.813	24.331	1.025	
1/16/2017 4:45:00 AM	369900.000	19.469	14.550
43.855	41095.402	51343.191	33.714
34913.371	24.334	1.025	
1/16/2017 5:00:00 AM	370800.000	19.461	14.551
43.838	41131.043	51386.754	33.746
34942.992	24.313	1.025	
1/16/2017 5:15:00 AM	371700.000	19.464	14.550
43.844	41127.406	51382.969	33.743
34940.418	24.315	1.025	
1/16/2017 5:30:00 AM	372600.000	19.469	14.550

43.856	41110.602	51361.973	33.728
34926.145	24.325	1.025	
1/16/2017 5:45:00 AM	373500.000	19.474	14.551
43.868	41087.813	51332.090	33.706
34905.824	24.338	1.025	
1/16/2017 6:00:00 AM	374400.000	19.477	14.551
43.873	41078.668	51321.648	33.698
34898.723	24.344	1.025	
1/16/2017 6:15:00 AM	375300.000	19.468	14.551
43.853	41123.582	51376.777	33.739
34936.207	24.317	1.025	
1/16/2017 6:30:00 AM	376200.000	19.474	14.551
43.868	41076.813	51318.348	33.696
34896.477	24.345	1.025	
1/16/2017 6:45:00 AM	377100.000	19.472	14.551
43.863	41086.016	51330.602	33.705
34904.813	24.339	1.025	
1/16/2017 7:00:00 AM	378000.000	19.474	14.551
43.867	41112.137	51363.035	33.729
34926.863	24.324	1.025	
1/16/2017 7:15:00 AM	378900.000	19.478	14.551
43.875	41074.223	51315.430	33.694
34894.492	24.346	1.025	
1/16/2017 7:30:00 AM	379800.000	19.476	14.551
43.871	41091.070	51336.813	33.710
34909.035	24.336	1.025	
1/16/2017 7:45:00 AM	380700.000	19.473	14.552
43.864	41091.383	51336.121	33.709
34908.566	24.336	1.025	
1/16/2017 8:00:00 AM	381600.000	19.472	14.550
43.863	41098.195	51346.363	33.717
34915.527	24.332	1.025	
1/16/2017 8:15:00 AM	382500.000	19.474	14.550
43.868	41053.938	51290.844	33.676
34877.773	24.358	1.025	
1/16/2017 8:30:00 AM	383400.000	19.473	14.551
43.864	41056.063	51292.977	33.678
34879.223	24.357	1.025	
1/16/2017 8:45:00 AM	384300.000	19.480	14.552
43.881	41112.672	51362.934	33.729
34926.801	24.323	1.025	
1/16/2017 9:00:00 AM	385200.000	19.478	14.551
43.876	41098.957	51346.125	33.717
34915.367	24.332	1.025	
1/16/2017 9:15:00 AM	386100.000	19.480	14.552
43.880	41094.922	51340.313	33.712
34911.414	24.334	1.025	
1/16/2017 9:30:00 AM	387000.000	19.482	14.551
43.885	41095.750	51342.215	33.714
34912.707	24.333	1.025	
1/16/2017 9:45:00 AM	387900.000	19.482	14.553
43.885	41116.020	51365.473	33.731
34928.523	24.321	1.025	
1/16/2017 10:00:00 AM	388800.000	19.479	14.552
43.879	41100.898	51347.344	33.717

34916.199	24.330	1.025	
1/16/2017 10:15:00 AM	389700.000	19.487	14.551
43.896	41080.523	51323.301	33.700
34899.844	24.342	1.025	
1/16/2017 10:30:00 AM	390600.000	19.486	14.552
43.895	41093.691	51338.453	33.711
34910.148	24.335	1.025	
1/16/2017 10:45:00 AM	391500.000	19.486	14.552
43.893	41103.340	51351.273	33.720
34918.867	24.329	1.025	
1/16/2017 11:00:00 AM	392400.000	19.480	14.552
43.880	41135.473	51390.867	33.749
34945.789	24.310	1.025	
1/16/2017 11:15:00 AM	393300.000	19.490	14.553
43.903	41061.297	51297.227	33.681
34882.113	24.354	1.025	
1/16/2017 11:30:00 AM	394200.000	19.489	14.552
43.901	41106.930	51354.992	33.723
34921.395	24.327	1.025	
1/16/2017 11:45:00 AM	395100.000	19.491	14.552
43.904	41074.699	51314.840	33.694
34894.094	24.346	1.025	
1/16/2017 12:00:00 PM	396000.000	19.492	14.552
43.907	41114.797	51365.141	33.730
34928.301	24.322	1.025	
1/16/2017 12:15:00 PM	396900.000	19.496	14.553
43.916	41088.445	51330.805	33.705
34904.949	24.338	1.025	
1/16/2017 12:30:00 PM	397800.000	19.500	14.553
43.927	41107.816	51355.004	33.723
34921.406	24.326	1.025	
1/16/2017 12:45:00 PM	398700.000	19.500	14.552
43.926	41066.625	51304.527	33.686
34887.082	24.351	1.025	
1/16/2017 1:00:00 PM	399600.000	19.497	14.553
43.918	41116.770	51366.078	33.731
34928.938	24.321	1.025	
1/16/2017 1:15:00 PM	400500.000	19.503	14.554
43.932	41095.813	51339.477	33.712
34910.848	24.333	1.025	
1/16/2017 1:30:00 PM	401400.000	19.508	14.554
43.944	41132.316	51385.082	33.745
34941.855	24.312	1.025	
1/16/2017 1:45:00 PM	402300.000	19.507	14.553
43.942	41072.789	51311.031	33.691
34891.504	24.347	1.025	
1/16/2017 2:00:00 PM	403200.000	19.507	14.553
43.942	41079.465	51320.031	33.697
34897.621	24.343	1.025	
1/16/2017 2:15:00 PM	404100.000	19.508	14.553
43.944	41046.492	51278.180	33.667
34869.168	24.363	1.025	
1/16/2017 2:30:00 PM	405000.000	19.511	14.553
43.950	41092.465	51335.941	33.709
34908.445	24.335	1.025	

1/16/2017 2:45:00 PM	405900.000	19.509	14.553
43.947	41085.477	51327.316	33.703
34902.578	24.340	1.025	
1/16/2017 3:00:00 PM	406800.000	19.512	14.553
43.952	41095.133	51338.730	33.711
34910.340	24.334	1.025	
1/16/2017 3:15:00 PM	407700.000	19.513	14.553
43.955	41092.313	51335.855	33.709
34908.387	24.335	1.025	
1/16/2017 3:30:00 PM	408600.000	19.516	14.553
43.961	41061.453	51296.871	33.681
34881.875	24.354	1.025	
1/16/2017 3:45:00 PM	409500.000	19.512	14.553
43.954	41063.887	51300.016	33.683
34884.016	24.352	1.025	
1/16/2017 4:00:00 PM	410400.000	19.512	14.553
43.954	41084.105	51325.719	33.702
34901.488	24.340	1.025	
1/16/2017 4:15:00 PM	411300.000	19.519	14.554
43.968	41105.777	51351.711	33.721
34919.168	24.327	1.025	
1/16/2017 4:30:00 PM	412200.000	19.512	14.553
43.952	41090.824	51333.777	33.708
34906.973	24.336	1.025	
1/16/2017 4:45:00 PM	413100.000	19.509	14.554
43.947	41098.410	51342.723	33.714
34913.051	24.332	1.025	
1/16/2017 5:00:00 PM	414000.000	19.505	14.554
43.938	41043.926	51274.656	33.664
34866.770	24.364	1.025	
1/16/2017 5:15:00 PM	414900.000	19.512	14.553
43.952	41076.164	51315.461	33.694
34894.516	24.345	1.025	
1/16/2017 5:30:00 PM	415800.000	19.509	14.553
43.945	41055.059	51289.313	33.675
34876.734	24.358	1.025	
1/16/2017 5:45:00 PM	416700.000	19.503	14.554
43.931	41071.219	51308.645	33.689
34889.883	24.348	1.025	
1/16/2017 6:00:00 PM	417600.000	19.500	14.555
43.926	41088.000	51328.203	33.704
34903.184	24.338	1.025	
1/16/2017 6:15:00 PM	418500.000	19.497	14.554
43.919	41097.926	51342.008	33.714
34912.566	24.332	1.025	
1/16/2017 6:30:00 PM	419400.000	19.497	14.554
43.918	41071.277	51308.828	33.689
34890.008	24.348	1.025	
1/16/2017 6:45:00 PM	420300.000	19.486	14.554
43.895	41064.473	51299.563	33.683
34883.707	24.352	1.025	
1/16/2017 7:00:00 PM	421200.000	19.486	14.554
43.893	41085.824	51326.676	33.702
34902.141	24.339	1.025	
1/16/2017 7:15:00 PM	422100.000	19.479	14.554

43.879	41092.590	51335.004	33.709
34907.805	24.335	1.025	
1/16/2017 7:30:00 PM	423000.000	19.478	14.554
43.876	41086.555	51326.832	33.703
34902.250	24.339	1.025	
1/16/2017 7:45:00 PM	423900.000	19.473	14.554
43.864	41080.051	51319.461	33.697
34897.234	24.343	1.025	
1/16/2017 8:00:00 PM	424800.000	19.469	14.554
43.855	41066.699	51302.344	33.685
34885.598	24.351	1.025	
1/16/2017 8:15:00 PM	425700.000	19.460	14.555
43.836	41089.223	51329.938	33.705
34904.363	24.337	1.025	
1/16/2017 8:30:00 PM	426600.000	19.455	14.555
43.823	41065.684	51299.777	33.683
34883.852	24.351	1.025	
1/16/2017 8:45:00 PM	427500.000	19.452	14.555
43.817	41076.359	51313.664	33.693
34893.297	24.345	1.025	
1/16/2017 9:00:00 PM	428400.000	19.451	14.555
43.815	41093.348	51334.652	33.708
34907.563	24.335	1.025	
1/16/2017 9:15:00 PM	429300.000	19.452	14.555
43.817	41119.250	51367.449	33.732
34929.871	24.320	1.025	
1/16/2017 9:30:00 PM	430200.000	19.446	14.554
43.804	41064.500	51299.379	33.682
34883.578	24.352	1.025	
1/16/2017 9:45:00 PM	431100.000	19.443	14.555
43.797	41092.027	51332.684	33.707
34906.227	24.336	1.025	
1/16/2017 10:00:00 PM	432000.000	19.439	14.555
43.789	41072.645	51308.574	33.689
34889.836	24.347	1.025	
1/16/2017 10:15:00 PM	432900.000	19.440	14.556
43.791	41072.438	51307.672	33.689
34889.223	24.347	1.025	
1/16/2017 10:30:00 PM	433800.000	19.432	14.556
43.773	41035.418	51260.559	33.654
34857.180	24.369	1.025	
1/16/2017 10:45:00 PM	434700.000	19.431	14.556
43.770	41125.566	51373.488	33.737
34933.977	24.316	1.025	
1/16/2017 11:00:00 PM	435600.000	19.432	14.556
43.774	41076.832	51312.824	33.692
34892.723	24.345	1.025	
1/16/2017 11:15:00 PM	436500.000	19.430	14.556
43.767	41100.516	51342.410	33.714
34912.844	24.331	1.025	
1/16/2017 11:30:00 PM	437400.000	19.429	14.556
43.766	41048.176	51276.926	33.666
34868.309	24.362	1.025	
1/16/2017 11:45:00 PM	438300.000	19.427	14.556
43.762	41071.398	51305.824	33.687

34887.961	24.348	1.025	
1/17/2017 12:00:00 AM	439200.000	19.424	14.556
43.754	41065.598	51298.352	33.682
34882.883	24.351	1.025	
1/17/2017 12:15:00 AM	440100.000	19.427	14.557
43.760	41083.273	51319.797	33.698
34897.461	24.341	1.025	
1/17/2017 12:30:00 AM	441000.000	19.421	14.557
43.748	41081.520	51317.277	33.696
34895.750	24.342	1.025	
1/17/2017 12:45:00 AM	441900.000	19.420	14.557
43.745	41102.242	51343.164	33.715
34913.352	24.330	1.025	
1/17/2017 1:00:00 AM	442800.000	19.413	14.557
43.730	41091.168	51329.426	33.705
34904.016	24.336	1.025	
1/17/2017 1:15:00 AM	443700.000	19.416	14.557
43.737	41074.984	51309.113	33.690
34890.203	24.346	1.025	
1/17/2017 1:30:00 AM	444600.000	19.417	14.558
43.738	41077.098	51310.008	33.691
34890.809	24.344	1.025	
1/17/2017 1:45:00 AM	445500.000	19.410	14.558
43.723	41092.801	51330.500	33.706
34904.742	24.335	1.025	
1/17/2017 2:00:00 AM	446400.000	19.409	14.558
43.721	41060.133	51289.359	33.675
34876.766	24.355	1.025	
1/17/2017 2:15:00 AM	447300.000	19.417	14.558
43.738	41102.773	51342.855	33.715
34913.145	24.329	1.025	
1/17/2017 2:30:00 AM	448200.000	19.416	14.558
43.737	41028.199	51249.359	33.646
34849.566	24.373	1.025	
1/17/2017 2:45:00 AM	449100.000	19.423	14.558
43.753	41083.211	51318.523	33.697
34896.598	24.341	1.025	
1/17/2017 3:00:00 AM	450000.000	19.421	14.558
43.748	41078.598	51312.211	33.692
34892.309	24.344	1.025	
1/17/2017 3:15:00 AM	450900.000	19.421	14.559
43.748	41061.816	51290.816	33.677
34877.754	24.354	1.025	
1/17/2017 3:30:00 AM	451800.000	19.423	14.559
43.753	41079.566	51312.543	33.693
34892.531	24.343	1.025	
1/17/2017 3:45:00 AM	452700.000	19.425	14.560
43.757	41034.383	51255.355	33.651
34853.641	24.370	1.025	
1/17/2017 4:00:00 AM	453600.000	19.426	14.558
43.758	41081.488	51315.492	33.695
34894.535	24.342	1.025	
1/17/2017 4:15:00 AM	454500.000	19.423	14.559
43.752	41082.566	51316.082	33.695
34894.938	24.341	1.025	

1/17/2017 4:30:00 AM	455400.000	19.427	14.560
43.760	41061.699	51288.938	33.675
34876.480	24.354	1.025	
1/17/2017 4:45:00 AM	456300.000	19.432	14.560
43.774	41072.359	51302.789	33.685
34885.898	24.347	1.025	
1/17/2017 5:00:00 AM	457200.000	19.446	14.559
43.805	41073.898	51305.043	33.687
34887.434	24.346	1.025	
1/17/2017 5:15:00 AM	458100.000	19.448	14.559
43.809	41073.465	51304.500	33.687
34887.063	24.347	1.025	
1/17/2017 5:30:00 AM	459000.000	19.450	14.560
43.814	41063.711	51291.230	33.677
34878.035	24.352	1.025	
1/17/2017 5:45:00 AM	459900.000	19.453	14.559
43.820	41064.602	51293.316	33.678
34879.461	24.352	1.025	
1/17/2017 6:00:00 AM	460800.000	19.458	14.559
43.831	41076.129	51308.582	33.690
34889.840	24.345	1.025	
1/17/2017 6:15:00 AM	461700.000	19.462	14.560
43.839	41071.566	51301.484	33.685
34885.008	24.348	1.025	
1/17/2017 6:30:00 AM	462600.000	19.462	14.559
43.839	41108.488	51348.035	33.719
34916.664	24.326	1.025	
1/17/2017 6:45:00 AM	463500.000	19.464	14.560
43.844	41118.109	51359.066	33.727
34924.164	24.320	1.025	
1/17/2017 7:00:00 AM	464400.000	19.460	14.560
43.836	41060.117	51286.418	33.674
34874.766	24.355	1.025	
1/17/2017 7:15:00 AM	465300.000	19.464	14.560
43.844	41096.867	51332.965	33.708
34906.418	24.333	1.025	
1/17/2017 7:30:00 AM	466200.000	19.466	14.560
43.850	41073.367	51303.938	33.686
34886.680	24.347	1.025	
1/17/2017 7:45:00 AM	467100.000	19.468	14.559
43.853	41080.660	51313.273	33.693
34893.027	24.342	1.025	
1/17/2017 8:00:00 AM	468000.000	19.467	14.561
43.851	41080.277	51311.270	33.692
34891.668	24.343	1.025	
1/17/2017 8:15:00 AM	468900.000	19.480	14.560
43.880	41075.980	51306.445	33.688
34888.387	24.345	1.025	
1/17/2017 8:30:00 AM	469800.000	19.469	14.560
43.856	41065.813	51293.855	33.679
34879.820	24.351	1.025	
1/17/2017 8:45:00 AM	470700.000	19.477	14.560
43.873	41080.211	51312.281	33.692
34892.352	24.343	1.025	
1/17/2017 9:00:00 AM	471600.000	19.478	14.560

43.877	41066.461	51294.344	33.679
34880.152	24.351	1.025	
1/17/2017 9:15:00 AM	472500.000	19.471	14.560
43.860	41064.473	51292.500	33.678
34878.898	24.352	1.025	
1/17/2017 9:30:00 AM	473400.000	19.471	14.560
43.861	41068.707	51298.117	33.682
34882.723	24.349	1.025	
1/17/2017 9:45:00 AM	474300.000	19.471	14.560
43.860	41102.488	51339.984	33.713
34911.195	24.329	1.025	
1/17/2017 10:00:00 AM	475200.000	19.470	14.561
43.859	41082.895	51314.766	33.694
34894.039	24.341	1.025	
1/17/2017 10:15:00 AM	476100.000	19.467	14.560
43.851	41103.465	51340.563	33.713
34911.582	24.329	1.025	
1/17/2017 10:30:00 AM	477000.000	19.467	14.561
43.852	41102.270	51338.965	33.712
34910.500	24.330	1.025	
1/17/2017 10:45:00 AM	477900.000	19.450	14.560
43.813	41078.160	51309.055	33.690
34890.160	24.344	1.025	
1/17/2017 11:00:00 AM	478800.000	19.452	14.560
43.817	41101.059	51337.656	33.711
34909.605	24.330	1.025	
1/17/2017 11:15:00 AM	479700.000	19.444	14.561
43.799	41031.125	51249.656	33.647
34849.766	24.372	1.025	
1/17/2017 11:30:00 AM	480600.000	19.446	14.561
43.804	41033.258	51251.676	33.648
34851.145	24.370	1.025	
1/17/2017 11:45:00 AM	481500.000	19.443	14.561
43.796	41067.809	51295.148	33.680
34880.703	24.350	1.025	
1/17/2017 12:00:00 PM	482400.000	19.435	14.561
43.778	41078.023	51307.906	33.689
34889.379	24.344	1.025	
1/17/2017 12:15:00 PM	483300.000	19.436	14.561
43.781	41052.699	51276.824	33.667
34868.246	24.359	1.025	
1/17/2017 12:30:00 PM	484200.000	19.440	14.562
43.789	41091.043	51322.758	33.700
34899.480	24.336	1.025	
1/17/2017 12:45:00 PM	485100.000	19.435	14.561
43.779	41037.738	51258.016	33.653
34855.449	24.368	1.025	
1/17/2017 1:00:00 PM	486000.000	19.437	14.562
43.784	41087.273	51317.945	33.697
34896.207	24.338	1.025	
1/17/2017 1:15:00 PM	486900.000	19.437	14.563
43.784	41090.438	51321.684	33.700
34898.746	24.337	1.025	
1/17/2017 1:30:00 PM	487800.000	19.436	14.562
43.781	41081.387	51311.359	33.692

34891.727	24.342	1.025	
1/17/2017 1:45:00 PM	488700.000	19.437	14.563
43.784	41055.594	51277.844	33.667
34868.934	24.357	1.025	
1/17/2017 2:00:00 PM	489600.000	19.437	14.564
43.784	41082.813	51310.863	33.692
34891.387	24.341	1.025	
1/17/2017 2:15:00 PM	490500.000	19.442	14.563
43.796	41076.461	51304.016	33.687
34886.734	24.345	1.025	
1/17/2017 2:30:00 PM	491400.000	19.439	14.564
43.789	41064.543	51288.043	33.675
34875.875	24.352	1.025	
1/17/2017 2:45:00 PM	492300.000	19.440	14.563
43.790	41062.465	51285.992	33.673
34874.477	24.353	1.025	
1/17/2017 3:00:00 PM	493200.000	19.447	14.563
43.805	41062.250	51286.039	33.673
34874.508	24.353	1.025	
1/17/2017 3:15:00 PM	494100.000	19.445	14.563
43.802	41073.461	51300.480	33.684
34884.332	24.347	1.025	
1/17/2017 3:30:00 PM	495000.000	19.443	14.563
43.796	41046.895	51267.086	33.660
34861.617	24.362	1.025	
1/17/2017 3:45:00 PM	495900.000	19.445	14.564
43.803	41047.781	51266.875	33.659
34861.477	24.362	1.025	
1/17/2017 4:00:00 PM	496800.000	19.445	14.563
43.802	41089.469	51319.492	33.698
34897.254	24.337	1.025	
1/17/2017 4:15:00 PM	497700.000	19.440	14.563
43.792	41061.414	51285.113	33.673
34873.883	24.354	1.025	
1/17/2017 4:30:00 PM	498600.000	19.439	14.563
43.789	41084.063	51312.852	33.693
34892.738	24.340	1.025	
1/17/2017 4:45:00 PM	499500.000	19.438	14.564
43.786	41083.008	51310.992	33.692
34891.480	24.341	1.025	
1/17/2017 5:00:00 PM	500400.000	19.440	14.564
43.792	41047.492	51266.633	33.659
34861.313	24.362	1.025	
1/17/2017 5:15:00 PM	501300.000	19.438	14.565
43.786	41056.117	51276.316	33.666
34867.898	24.357	1.025	
1/17/2017 5:30:00 PM	502200.000	19.438	14.564
43.786	41041.348	51258.625	33.653
34855.871	24.366	1.025	
1/17/2017 5:45:00 PM	503100.000	19.432	14.564
43.773	41047.922	51267.051	33.660
34861.594	24.362	1.025	
1/17/2017 6:00:00 PM	504000.000	19.429	14.564
43.765	41084.367	51312.141	33.693
34892.258	24.340	1.025	

1/17/2017 6:15:00 PM	504900.000	19.426	14.564
43.760	41048.684	51268.121	33.660
34862.328	24.361	1.025	
1/17/2017 6:30:00 PM	505800.000	19.423	14.564
43.752	41073.820	51299.398	33.683
34883.590	24.346	1.025	
1/17/2017 6:45:00 PM	506700.000	19.423	14.565
43.751	41073.918	51298.430	33.683
34882.934	24.346	1.025	
1/17/2017 7:00:00 PM	507600.000	19.414	14.564
43.732	41049.938	51269.352	33.661
34863.164	24.361	1.025	
1/17/2017 7:15:00 PM	508500.000	19.411	14.564
43.725	41044.125	51261.664	33.656
34857.938	24.364	1.025	
1/17/2017 7:30:00 PM	509400.000	19.408	14.566
43.718	41044.086	51259.789	33.654
34856.660	24.364	1.025	
1/17/2017 7:45:00 PM	510300.000	19.404	14.566
43.710	41062.191	51282.055	33.671
34871.801	24.353	1.025	
1/17/2017 8:00:00 PM	511200.000	19.410	14.565
43.723	41087.715	51315.234	33.695
34894.359	24.338	1.025	
1/17/2017 8:15:00 PM	512100.000	19.409	14.565
43.721	41066.332	51288.316	33.675
34876.059	24.351	1.025	
1/17/2017 8:30:00 PM	513000.000	19.398	14.566
43.697	41067.855	51289.793	33.676
34877.059	24.350	1.025	
1/17/2017 8:45:00 PM	513900.000	19.400	14.566
43.700	41048.266	51265.211	33.658
34860.344	24.362	1.025	
1/17/2017 9:00:00 PM	514800.000	19.395	14.566
43.689	41062.410	51282.875	33.671
34872.355	24.353	1.025	
1/17/2017 9:15:00 PM	515700.000	19.397	14.566
43.693	41046.473	51262.215	33.656
34858.309	24.363	1.025	
1/17/2017 9:30:00 PM	516600.000	19.396	14.565
43.690	41060.305	51281.219	33.670
34871.230	24.354	1.025	
1/17/2017 9:45:00 PM	517500.000	19.396	14.566
43.690	41061.297	51281.285	33.670
34871.277	24.354	1.025	
1/17/2017 10:00:00 PM	518400.000	19.389	14.565
43.676	41043.598	51259.598	33.654
34856.527	24.364	1.025	
1/17/2017 10:15:00 PM	519300.000	19.386	14.566
43.669	41064.148	51284.949	33.673
34873.770	24.352	1.025	
1/17/2017 10:30:00 PM	520200.000	19.392	14.566
43.682	41067.500	51289.348	33.676
34876.758	24.350	1.025	
1/17/2017 10:45:00 PM	521100.000	19.386	14.566

43.669	41068.219	51289.480	33.676
34876.852	24.350	1.025	
1/17/2017 11:00:00 PM	522000.000	19.383	14.567
43.662	41079.648	51303.305	33.686
34886.250	24.343	1.025	
1/17/2017 11:15:00 PM	522900.000	19.385	14.566
43.667	41073.496	51295.855	33.681
34881.184	24.347	1.025	
1/17/2017 11:30:00 PM	523800.000	19.378	14.567
43.650	41041.477	51254.664	33.651
34853.172	24.366	1.025	
1/17/2017 11:45:00 PM	524700.000	19.386	14.568
43.669	41059.324	51276.430	33.667
34867.973	24.355	1.025	
1/18/2017 12:00:00 AM	525600.000	19.380	14.568
43.656	41053.867	51269.934	33.662
34863.555	24.358	1.025	
1/18/2017 12:15:00 AM	526500.000	19.375	14.567
43.644	41050.969	51266.414	33.659
34861.160	24.360	1.025	
1/18/2017 12:30:00 AM	527400.000	19.376	14.569
43.647	41086.609	51309.289	33.691
34890.320	24.339	1.025	
1/18/2017 12:45:00 AM	528300.000	19.376	14.567
43.645	41070.332	51290.813	33.677
34877.754	24.348	1.025	
1/18/2017 1:00:00 AM	529200.000	19.365	14.568
43.622	41033.281	51244.223	33.643
34846.074	24.370	1.025	
1/18/2017 1:15:00 AM	530100.000	19.358	14.569
43.607	41069.582	51287.484	33.675
34875.488	24.349	1.025	
1/18/2017 1:30:00 AM	531000.000	19.355	14.568
43.600	41094.855	51320.996	33.699
34898.277	24.334	1.025	
1/18/2017 1:45:00 AM	531900.000	19.367	14.569
43.625	41053.328	51267.523	33.660
34861.918	24.359	1.025	
1/18/2017 2:00:00 AM	532800.000	19.364	14.569
43.620	41033.301	51242.176	33.642
34844.680	24.370	1.025	
1/18/2017 2:15:00 AM	533700.000	19.360	14.570
43.611	41078.305	51297.512	33.682
34882.309	24.344	1.025	
1/18/2017 2:30:00 AM	534600.000	19.361	14.568
43.613	41085.762	51308.578	33.690
34889.836	24.339	1.025	
1/18/2017 2:45:00 AM	535500.000	19.364	14.570
43.619	41092.238	51315.020	33.695
34894.215	24.335	1.025	
1/18/2017 3:00:00 AM	536400.000	19.368	14.569
43.629	41061.344	51276.879	33.667
34868.277	24.354	1.025	
1/18/2017 3:15:00 AM	537300.000	19.364	14.570
43.620	41034.320	51242.043	33.642

34844.594	24.370	1.025	
1/18/2017 3:30:00 AM	538200.000	19.365	14.570
43.622	41097.277	51321.090	33.700
34898.344	24.333	1.025	
1/18/2017 3:45:00 AM	539100.000	19.370	14.571
43.634	41046.043	51255.926	33.652
34854.035	24.363	1.025	
1/18/2017 4:00:00 AM	540000.000	19.370	14.571
43.632	41059.559	51272.691	33.664
34865.434	24.355	1.025	
1/18/2017 4:15:00 AM	540900.000	19.377	14.571
43.648	41050.605	51261.738	33.656
34857.984	24.360	1.025	
1/18/2017 4:30:00 AM	541800.000	19.380	14.571
43.656	41065.598	51280.234	33.670
34870.559	24.351	1.025	
1/18/2017 4:45:00 AM	542700.000	19.386	14.571
43.669	41081.641	51300.695	33.685
34884.477	24.342	1.025	
1/18/2017 5:00:00 AM	543600.000	19.385	14.571
43.667	41068.277	51283.469	33.672
34872.762	24.350	1.025	
1/18/2017 5:15:00 AM	544500.000	19.393	14.571
43.685	41058.809	51272.402	33.664
34865.234	24.355	1.025	
1/18/2017 5:30:00 AM	545400.000	19.403	14.571
43.708	41070.117	51285.563	33.674
34874.184	24.349	1.025	
1/18/2017 5:45:00 AM	546300.000	19.409	14.571
43.720	41059.871	51272.652	33.664
34865.402	24.355	1.025	
1/18/2017 6:00:00 AM	547200.000	19.409	14.571
43.720	41066.609	51281.926	33.671
34871.711	24.351	1.025	
1/18/2017 6:15:00 AM	548100.000	19.415	14.571
43.735	41066.688	51281.164	33.671
34871.191	24.351	1.025	
1/18/2017 6:30:00 AM	549000.000	19.414	14.571
43.732	41068.852	51284.188	33.673
34873.250	24.349	1.025	
1/18/2017 6:45:00 AM	549900.000	19.426	14.571
43.759	41037.770	51245.707	33.645
34847.086	24.368	1.025	
1/18/2017 7:00:00 AM	550800.000	19.430	14.571
43.768	41041.953	51250.391	33.648
34850.266	24.365	1.025	
1/18/2017 7:15:00 AM	551700.000	19.430	14.571
43.767	41072.738	51289.375	33.677
34876.773	24.347	1.025	
1/18/2017 7:30:00 AM	552600.000	19.430	14.571
43.769	41077.402	51294.543	33.680
34880.289	24.344	1.025	
1/18/2017 7:45:00 AM	553500.000	19.441	14.571
43.793	41049.406	51260.238	33.655
34856.965	24.361	1.025	

1/18/2017 8:00:00 AM	554400.000	19.445	14.571
43.802	41061.469	51275.188	33.666
34867.129	24.354	1.025	
1/18/2017 8:15:00 AM	555300.000	19.445	14.571
43.802	41026.207	51231.270	33.634
34837.266	24.375	1.025	
1/18/2017 8:30:00 AM	556200.000	19.458	14.572
43.832	41051.945	51262.547	33.657
34858.531	24.359	1.025	
1/18/2017 8:45:00 AM	557100.000	19.462	14.570
43.840	41020.797	51225.156	33.629
34833.105	24.378	1.025	
1/18/2017 9:00:00 AM	558000.000	19.459	14.571
43.834	41077.285	51294.609	33.680
34880.336	24.344	1.025	
1/18/2017 9:15:00 AM	558900.000	19.471	14.572
43.861	41036.797	51243.402	33.643
34845.516	24.368	1.025	
1/18/2017 9:30:00 AM	559800.000	19.465	14.571
43.847	41040.348	51248.387	33.647
34848.902	24.366	1.025	
1/18/2017 9:45:00 AM	560700.000	19.469	14.572
43.856	41032.762	51237.934	33.639
34841.797	24.371	1.025	
1/18/2017 10:00:00 AM	561600.000	19.466	14.571
43.850	41048.637	51259.699	33.655
34856.598	24.361	1.025	
1/18/2017 10:15:00 AM	562500.000	19.466	14.571
43.850	41053.145	51264.250	33.658
34859.691	24.359	1.025	
1/18/2017 10:30:00 AM	563400.000	19.467	14.571
43.852	41026.055	51230.637	33.634
34836.832	24.375	1.025	
1/18/2017 10:45:00 AM	564300.000	19.473	14.572
43.865	41023.148	51226.145	33.630
34833.777	24.376	1.025	
1/18/2017 11:00:00 AM	565200.000	19.468	14.572
43.853	41041.566	51249.359	33.647
34849.566	24.366	1.025	
1/18/2017 11:15:00 AM	566100.000	19.469	14.571
43.855	41047.543	51257.914	33.654
34855.387	24.362	1.025	
1/18/2017 11:30:00 AM	567000.000	19.468	14.572
43.853	41052.355	51262.727	33.657
34858.656	24.359	1.025	
1/18/2017 11:45:00 AM	567900.000	19.465	14.572
43.848	41039.207	51245.980	33.645
34847.266	24.367	1.025	
1/18/2017 12:00:00 PM	568800.000	19.469	14.572
43.855	41107.637	51331.973	33.708
34905.742	24.326	1.025	
1/18/2017 12:15:00 PM	569700.000	19.464	14.572
43.844	41019.887	51221.969	33.627
34830.941	24.378	1.025	
1/18/2017 12:30:00 PM	570600.000	19.462	14.572

43.840	41034.059	51239.664	33.640
34842.977	24.370	1.025	
1/18/2017 12:45:00 PM	571500.000	19.462	14.573
43.839	41065.887	51278.207	33.669
34869.184	24.351	1.025	
1/18/2017 1:00:00 PM	572400.000	19.464	14.572
43.845	41077.496	51293.684	33.680
34879.707	24.344	1.025	
1/18/2017 1:15:00 PM	573300.000	19.457	14.572
43.829	41045.074	51253.199	33.650
34852.176	24.363	1.025	
1/18/2017 1:30:00 PM	574200.000	19.454	14.573
43.823	41052.363	51260.879	33.656
34857.398	24.359	1.025	
1/18/2017 1:45:00 PM	575100.000	19.458	14.573
43.830	41048.059	51255.730	33.652
34853.902	24.362	1.025	
1/18/2017 2:00:00 PM	576000.000	19.459	14.573
43.833	41046.719	51253.953	33.651
34852.688	24.362	1.025	
1/18/2017 2:15:00 PM	576900.000	19.458	14.573
43.830	41064.934	51276.465	33.667
34867.996	24.352	1.025	
1/18/2017 2:30:00 PM	577800.000	19.465	14.573
43.846	41070.117	51283.051	33.672
34872.477	24.349	1.025	
1/18/2017 2:45:00 PM	578700.000	19.459	14.574
43.834	41043.938	51249.934	33.648
34849.961	24.364	1.025	
1/18/2017 3:00:00 PM	579600.000	19.465	14.572
43.846	41076.484	51292.098	33.679
34878.629	24.345	1.025	
1/18/2017 3:15:00 PM	580500.000	19.463	14.574
43.843	41041.949	51247.348	33.646
34848.199	24.365	1.025	
1/18/2017 3:30:00 PM	581400.000	19.466	14.573
43.850	41024.023	51225.492	33.630
34833.336	24.376	1.025	
1/18/2017 3:45:00 PM	582300.000	19.465	14.574
43.847	41105.434	51326.398	33.704
34901.953	24.328	1.025	
1/18/2017 4:00:00 PM	583200.000	19.469	14.574
43.855	41063.453	51274.301	33.666
34866.523	24.353	1.025	
1/18/2017 4:15:00 PM	584100.000	19.469	14.574
43.856	41049.977	51257.582	33.653
34855.160	24.361	1.025	
1/18/2017 4:30:00 PM	585000.000	19.471	14.574
43.861	41070.344	51283.137	33.672
34872.535	24.348	1.025	
1/18/2017 4:45:00 PM	585900.000	19.468	14.574
43.853	41070.379	51282.629	33.672
34872.188	24.348	1.025	
1/18/2017 5:00:00 PM	586800.000	19.470	14.574
43.857	41066.883	51278.043	33.669

34869.070	24.351	1.025	
1/18/2017 5:15:00 PM	587700.000	19.467	14.574
43.851	41035.328	51239.078	33.640
34842.574	24.369	1.025	
1/18/2017 5:30:00 PM	588600.000	19.471	14.574
43.860	41025.504	51226.277	33.631
34833.871	24.375	1.025	
1/18/2017 5:45:00 PM	589500.000	19.472	14.574
43.862	41041.809	51247.383	33.646
34848.223	24.365	1.025	
1/18/2017 6:00:00 PM	590400.000	19.473	14.574
43.865	41053.168	51260.820	33.656
34857.359	24.359	1.025	
1/18/2017 6:15:00 PM	591300.000	19.474	14.574
43.868	41056.246	51264.664	33.659
34859.973	24.357	1.025	
1/18/2017 6:30:00 PM	592200.000	19.469	14.575
43.855	41056.840	51265.070	33.659
34860.254	24.356	1.025	
1/18/2017 6:45:00 PM	593100.000	19.466	14.575
43.850	41051.559	51258.262	33.654
34855.617	24.360	1.025	
1/18/2017 7:00:00 PM	594000.000	19.470	14.574
43.857	41077.414	51291.516	33.678
34878.230	24.344	1.025	
1/18/2017 7:15:00 PM	594900.000	19.464	14.574
43.844	41064.191	51274.352	33.666
34866.563	24.352	1.025	
1/18/2017 7:30:00 PM	595800.000	19.462	14.575
43.839	41035.164	51237.895	33.639
34841.770	24.369	1.025	
1/18/2017 7:45:00 PM	596700.000	19.464	14.574
43.844	41046.363	51252.215	33.650
34851.508	24.363	1.025	
1/18/2017 8:00:00 PM	597600.000	19.460	14.574
43.836	41053.063	51260.578	33.656
34857.195	24.359	1.025	
1/18/2017 8:15:00 PM	598500.000	19.459	14.575
43.834	41011.098	51207.199	33.617
34820.895	24.384	1.025	
1/18/2017 8:30:00 PM	599400.000	19.458	14.574
43.830	41027.805	51229.039	33.633
34835.746	24.374	1.025	
1/18/2017 8:45:00 PM	600300.000	19.454	14.575
43.822	41021.758	51220.398	33.626
34829.871	24.377	1.025	
1/18/2017 9:00:00 PM	601200.000	19.452	14.575
43.817	41084.027	51298.371	33.684
34882.895	24.340	1.025	
1/18/2017 9:15:00 PM	602100.000	19.452	14.576
43.818	41071.680	51281.434	33.671
34871.375	24.348	1.025	
1/18/2017 9:30:00 PM	603000.000	19.445	14.575
43.802	41033.246	51234.621	33.637
34839.547	24.370	1.025	

1/18/2017 9:45:00 PM	603900.000	19.442	14.576
43.794	41037.445	51238.898	33.640
34842.453	24.368	1.025	
1/18/2017 10:00:00 PM	604800.000	19.442	14.577
43.794	41055.000	51260.172	33.656
34856.918	24.358	1.025	
1/18/2017 10:15:00 PM	605700.000	19.440	14.576
43.789	41000.473	51192.527	33.606
34810.922	24.390	1.025	
1/18/2017 10:30:00 PM	606600.000	19.433	14.576
43.775	41052.477	51258.207	33.654
34855.582	24.359	1.025	
1/18/2017 10:45:00 PM	607500.000	19.440	14.576
43.792	41037.406	51238.746	33.640
34842.352	24.368	1.025	
1/18/2017 11:00:00 PM	608400.000	19.430	14.576
43.769	41050.645	51255.918	33.652
34854.027	24.360	1.025	
1/18/2017 11:15:00 PM	609300.000	19.429	14.576
43.766	41061.168	51268.516	33.662
34862.590	24.354	1.025	
1/18/2017 11:30:00 PM	610200.000	19.425	14.577
43.758	41007.133	51200.516	33.612
34816.352	24.386	1.025	
1/18/2017 11:45:00 PM	611100.000	19.429	14.577
43.766	41093.266	51306.965	33.690
34888.742	24.335	1.025	

Report Date: 1/20/2017 8:27:57 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_2017-01-19_10-05-50-584-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

Log Notes:

Date and Time

Note

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

1/19/2017 10:05:00 AM Log Download - Used Battery: 16% Used Memory: 39% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:00:00 AM

1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-

Log Data:

Record Count: 721

Sensors: 2

1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

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	Sensor: PCTD(A) 197.3ft	Sensor:
SN#: 446752		SN#: 446752	SN#: 446752	SN#: 446752
SN#: 446752		SN#: 446752	SN#: 446752	SN#: 446752
SN#: 446752		SN#: 446752	SN#: 000000	SN#: 446752
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 (ppt)		Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric
Pressure (PSI)				
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1/12/2017 12:00:00 AM	7200.000	125.416	19.680	
282.513	41821.605	46552.266	30.529	
31.656	23.911	1.021	14.679	
1/12/2017 12:15:00 AM	8100.000	125.407	19.680	
282.491	41844.652	46577.656	30.547	
31.673	23.898	1.021	14.679	
1/12/2017 12:30:00 AM	9000.000	125.398	19.681	
282.472	41812.891	46541.012	30.520	
31.648	23.916	1.021	14.671	
1/12/2017 12:45:00 AM	9900.000	125.379	19.679	
282.429	41846.500	46580.410	30.549	
31.675	23.897	1.021	14.669	
1/12/2017 1:00:00 AM	10800.000	125.363	19.682	
282.392	41821.762	46549.676	30.527	
31.654	23.911	1.021	14.663	
1/12/2017 1:15:00 AM	11700.000	125.343	19.679	
282.347	41868.598	46605.172	30.567	
31.692	23.884	1.021	14.661	
1/12/2017 1:30:00 AM	12600.000	125.326	19.679	
282.309	41815.035	46545.137	30.523	
31.651	23.915	1.021	14.663	
1/12/2017 1:45:00 AM	13500.000	125.337	19.681	
282.334	41833.348	46564.391	30.537	
31.664	23.904	1.021	14.660	
1/12/2017 2:00:00 AM	14400.000	125.297	19.679	
282.243	41813.180	46543.578	30.522	
31.650	23.916	1.021	14.658	

1/12/2017 2:15:00 AM	15300.000	125.270	19.680
282.183	41845.391	46577.957	30.547
31.673	23.897	1.021	14.663
1/12/2017 2:30:00 AM	16200.000	125.248	19.680
282.133	41831.355	46562.336	30.536
31.662	23.906	1.021	14.668
1/12/2017 2:45:00 AM	17100.000	125.233	19.682
282.099	41840.832	46570.820	30.542
31.668	23.900	1.021	14.665
1/12/2017 3:00:00 AM	18000.000	125.219	19.682
282.069	41822.668	46550.941	30.528
31.655	23.910	1.021	14.667
1/12/2017 3:15:00 AM	18900.000	125.215	19.680
282.060	41832.066	46563.645	30.537
31.663	23.905	1.021	14.659
1/12/2017 3:30:00 AM	19800.000	125.209	19.683
282.045	41823.195	46550.332	30.527
31.654	23.910	1.021	14.654
1/12/2017 3:45:00 AM	20700.000	125.202	19.682
282.030	41874.219	46608.242	30.570
31.694	23.881	1.021	14.666
1/12/2017 4:00:00 AM	21600.000	125.214	19.678
282.056	41852.555	46588.184	30.555
31.680	23.893	1.021	14.655
1/12/2017 4:15:00 AM	22500.000	125.216	19.680
282.061	41846.387	46579.422	30.548
31.674	23.897	1.021	14.657
1/12/2017 4:30:00 AM	23400.000	125.231	19.679
282.096	41814.180	46544.598	30.523
31.650	23.915	1.021	14.656
1/12/2017 4:45:00 AM	24300.000	125.251	19.682
282.141	41844.875	46575.926	30.546
31.672	23.898	1.021	14.651
1/12/2017 5:00:00 AM	25200.000	125.268	19.678
282.178	41826.754	46559.199	30.534
31.660	23.908	1.021	14.651
1/12/2017 5:15:00 AM	26100.000	125.298	19.678
282.245	41833.469	46567.113	30.539
31.666	23.904	1.021	14.654
1/12/2017 5:30:00 AM	27000.000	125.327	19.679
282.311	41798.426	46527.152	30.510
31.638	23.924	1.021	14.651
1/12/2017 5:45:00 AM	27900.000	125.366	19.681
282.399	41825.641	46555.469	30.531
31.658	23.909	1.021	14.648
1/12/2017 6:00:00 AM	28800.000	125.390	19.682
282.454	41821.434	46550.008	30.527
31.654	23.911	1.021	14.656
1/12/2017 6:15:00 AM	29700.000	125.428	19.681
282.539	41812.531	46540.949	30.520
31.648	23.916	1.021	14.657
1/12/2017 6:30:00 AM	30600.000	125.473	19.677
282.641	41836.344	46571.000	30.542
31.668	23.903	1.021	14.650
1/12/2017 6:45:00 AM	31500.000	125.508	19.678

282.720	41824.492	46557.027	30.532
31.659	23.909	1.021	14.658
1/12/2017 7:00:00 AM	32400.000	125.556	19.677
282.826	41832.395	46566.953	30.539
31.666	23.905	1.021	14.663
1/12/2017 7:15:00 AM	33300.000	125.596	19.679
282.918	41826.922	46558.523	30.533
31.660	23.908	1.021	14.660
1/12/2017 7:30:00 AM	34200.000	125.631	19.682
282.997	41822.863	46551.680	30.528
31.655	23.910	1.021	14.668
1/12/2017 7:45:00 AM	35100.000	125.666	19.681
283.074	41816.402	46544.828	30.523
31.650	23.914	1.021	14.676
1/12/2017 8:00:00 AM	36000.000	125.712	19.682
283.178	41833.164	46563.063	30.537
31.663	23.904	1.021	14.675
1/12/2017 8:15:00 AM	36900.000	125.744	19.683
283.250	41831.914	46560.555	30.535
31.661	23.905	1.021	14.682
1/12/2017 8:30:00 AM	37800.000	125.772	19.681
283.315	41835.898	46566.797	30.539
31.665	23.903	1.021	14.690
1/12/2017 8:45:00 AM	38700.000	125.812	19.683
283.403	41857.492	46588.852	30.555
31.680	23.891	1.021	14.690
1/12/2017 9:00:00 AM	39600.000	125.822	19.683
283.427	41847.875	46578.578	30.548
31.673	23.896	1.021	14.702
1/12/2017 9:15:00 AM	40500.000	125.888	19.685
283.576	41826.906	46552.656	30.529
31.656	23.908	1.021	14.693
1/12/2017 9:30:00 AM	41400.000	125.869	19.685
283.532	41828.461	46554.121	30.530
31.657	23.907	1.021	14.694
1/12/2017 9:45:00 AM	42300.000	125.867	19.684
283.528	41831.863	46559.371	30.534
31.660	23.905	1.021	14.710
1/12/2017 10:00:00 AM	43200.000	125.878	19.682
283.553	41817.559	46545.254	30.524
31.651	23.913	1.021	14.705
1/12/2017 10:15:00 AM	44100.000	125.876	19.683
283.548	41825.453	46553.363	30.530
31.656	23.909	1.021	14.706
1/12/2017 10:30:00 AM	45000.000	125.868	19.682
283.530	41835.070	46564.844	30.538
31.664	23.903	1.021	14.706
1/12/2017 10:45:00 AM	45900.000	125.841	19.685
283.468	41816.520	46541.434	30.521
31.648	23.914	1.021	14.711
1/12/2017 11:00:00 AM	46800.000	125.826	19.684
283.436	41855.086	46585.039	30.553
31.678	23.892	1.021	14.705
1/12/2017 11:15:00 AM	47700.000	125.796	19.682
283.368	41826.980	46555.484	30.531

31.658	23.908	1.021	14.704
1/12/2017 11:30:00 AM	48600.000	125.754	19.683
283.274	41850.238	46580.949	30.550
31.675	23.895	1.021	14.712
1/12/2017 11:45:00 AM	49500.000	125.718	19.681
283.192	41855.332	46588.086	30.555
31.680	23.892	1.021	14.705
1/12/2017 12:00:00 PM	50400.000	125.669	19.681
283.082	41798.445	46525.445	30.509
31.637	23.924	1.021	14.703
1/12/2017 12:15:00 PM	51300.000	125.617	19.681
282.965	41826.465	46556.461	30.532
31.658	23.908	1.021	14.701
1/12/2017 12:30:00 PM	52200.000	125.564	19.682
282.845	41827.059	46556.352	30.532
31.658	23.908	1.021	14.701
1/12/2017 12:45:00 PM	53100.000	125.512	19.684
282.729	41823.355	46549.820	30.527
31.654	23.910	1.021	14.695
1/12/2017 1:00:00 PM	54000.000	125.452	19.683
282.592	41847.906	46577.836	30.547
31.673	23.896	1.021	14.697
1/12/2017 1:15:00 PM	54900.000	125.384	19.683
282.440	41838.547	46568.012	30.540
31.666	23.901	1.021	14.699
1/12/2017 1:30:00 PM	55800.000	125.323	19.684
282.302	41815.953	46541.750	30.521
31.648	23.914	1.021	14.694
1/12/2017 1:45:00 PM	56700.000	125.262	19.682
282.165	41831.188	46560.863	30.535
31.661	23.906	1.021	14.697
1/12/2017 2:00:00 PM	57600.000	125.189	19.685
282.000	41831.496	46558.277	30.533
31.660	23.905	1.021	14.699
1/12/2017 2:15:00 PM	58500.000	125.135	19.685
281.879	41821.520	46546.563	30.525
31.652	23.911	1.021	14.692
1/12/2017 2:30:00 PM	59400.000	125.067	19.685
281.726	41833.668	46560.520	30.535
31.661	23.904	1.021	14.698
1/12/2017 2:45:00 PM	60300.000	125.016	19.684
281.611	41836.199	46564.371	30.538
31.664	23.903	1.021	14.695
1/12/2017 3:00:00 PM	61200.000	124.951	19.684
281.464	41828.219	46555.582	30.531
31.658	23.907	1.021	14.701
1/12/2017 3:15:00 PM	62100.000	124.907	19.685
281.365	41836.285	46563.609	30.537
31.663	23.903	1.021	14.703
1/12/2017 3:30:00 PM	63000.000	124.863	19.684
281.266	41823.488	46549.871	30.527
31.654	23.910	1.021	14.701
1/12/2017 3:45:00 PM	63900.000	124.821	19.684
281.173	41848.680	46578.090	30.548
31.673	23.896	1.021	14.704

1/12/2017 4:00:00 PM	64800.000	124.777	19.684
281.072	41818.805	46545.180	30.524
31.651	23.913	1.021	14.707
1/12/2017 4:15:00 PM	65700.000	124.755	19.684
281.022	41833.938	46561.855	30.536
31.662	23.904	1.021	14.706
1/12/2017 4:30:00 PM	66600.000	124.718	19.682
280.939	41865.121	46597.855	30.562
31.687	23.886	1.021	14.710
1/12/2017 4:45:00 PM	67500.000	124.707	19.684
280.915	41857.375	46587.422	30.554
31.679	23.891	1.021	14.705
1/12/2017 5:00:00 PM	68400.000	124.690	19.685
280.876	41836.914	46564.043	30.537
31.664	23.902	1.021	14.706
1/12/2017 5:15:00 PM	69300.000	124.676	19.683
280.844	41854.363	46585.020	30.553
31.678	23.892	1.021	14.713
1/12/2017 5:30:00 PM	70200.000	124.691	19.684
280.879	41826.824	46553.418	30.530
31.656	23.908	1.021	14.701
1/12/2017 5:45:00 PM	71100.000	124.682	19.682
280.859	41844.801	46575.320	30.546
31.671	23.898	1.021	14.712
1/12/2017 6:00:00 PM	72000.000	124.702	19.683
280.902	41836.781	46565.617	30.538
31.665	23.902	1.021	14.705
1/12/2017 6:15:00 PM	72900.000	124.704	19.682
280.907	41804.336	46530.879	30.513
31.641	23.921	1.021	14.718
1/12/2017 6:30:00 PM	73800.000	124.733	19.681
280.973	41843.293	46574.594	30.545
31.671	23.899	1.021	14.710
1/12/2017 6:45:00 PM	74700.000	124.752	19.678
281.016	41809.180	46539.898	30.519
31.647	23.918	1.021	14.719
1/12/2017 7:00:00 PM	75600.000	124.819	19.678
281.167	41818.410	46550.434	30.527
31.654	23.913	1.021	14.725
1/12/2017 7:15:00 PM	76500.000	124.827	19.678
281.186	41840.605	46574.883	30.545
31.671	23.900	1.021	14.725
1/12/2017 7:30:00 PM	77400.000	124.866	19.679
281.273	41852.902	46588.051	30.555
31.680	23.893	1.021	14.726
1/12/2017 7:45:00 PM	78300.000	124.902	19.679
281.354	41854.703	46589.293	30.556
31.681	23.892	1.021	14.731
1/12/2017 8:00:00 PM	79200.000	124.951	19.683
281.463	41858.621	46590.281	30.557
31.681	23.890	1.021	14.735
1/12/2017 8:15:00 PM	80100.000	125.000	19.681
281.575	41856.379	46589.508	30.556
31.681	23.891	1.021	14.734
1/12/2017 8:30:00 PM	81000.000	125.038	19.684

281.660	41826.164	46552.945	30.529
31.656	23.908	1.021	14.740
1/12/2017 8:45:00 PM	81900.000	125.086	19.682
281.767	41846.746	46577.402	30.547
31.673	23.897	1.021	14.741
1/12/2017 9:00:00 PM	82800.000	125.139	19.679
281.889	41839.457	46572.570	30.543
31.669	23.901	1.021	14.733
1/12/2017 9:15:00 PM	83700.000	125.181	19.680
281.984	41855.270	46589.309	30.556
31.681	23.892	1.021	14.736
1/12/2017 9:30:00 PM	84600.000	125.221	19.679
282.073	41837.043	46570.230	30.542
31.668	23.902	1.021	14.744
1/12/2017 9:45:00 PM	85500.000	125.260	19.680
282.160	41816.836	46546.691	30.525
31.652	23.914	1.021	14.741
1/12/2017 10:00:00 PM	86400.000	125.298	19.681
282.245	41834.566	46565.652	30.538
31.665	23.904	1.021	14.740
1/12/2017 10:15:00 PM	87300.000	125.325	19.683
282.306	41826.941	46554.930	30.531
31.657	23.908	1.021	14.751
1/12/2017 10:30:00 PM	88200.000	125.355	19.680
282.375	41823.824	46554.309	30.530
31.657	23.910	1.021	14.749
1/12/2017 10:45:00 PM	89100.000	125.387	19.677
282.445	41821.621	46554.699	30.530
31.657	23.911	1.021	14.747
1/12/2017 11:00:00 PM	90000.000	125.395	19.683
282.465	41827.938	46555.527	30.531
31.658	23.907	1.021	14.754
1/12/2017 11:15:00 PM	90900.000	125.423	19.679
282.527	41828.453	46560.484	30.535
31.661	23.907	1.021	14.755
1/12/2017 11:30:00 PM	91800.000	125.425	19.683
282.533	41857.391	46589.078	30.556
31.681	23.891	1.021	14.752
1/12/2017 11:45:00 PM	92700.000	125.440	19.680
282.565	41869.117	46604.887	30.567
31.691	23.884	1.021	14.750
1/13/2017 12:00:00 AM	93600.000	125.438	19.678
282.562	41846.336	46581.086	30.550
31.675	23.897	1.021	14.752
1/13/2017 12:15:00 AM	94500.000	125.439	19.680
282.563	41833.711	46564.879	30.538
31.664	23.904	1.021	14.756
1/13/2017 12:30:00 AM	95400.000	125.433	19.681
282.551	41844.125	46575.871	30.546
31.672	23.898	1.021	14.751
1/13/2017 12:45:00 AM	96300.000	125.431	19.680
282.546	41833.746	46565.699	30.538
31.665	23.904	1.021	14.747
1/13/2017 1:00:00 AM	97200.000	125.408	19.679
282.495	41826.961	46558.484	30.533

31.660	23.908	1.021	14.754
1/13/2017 1:15:00 AM	98100.000	125.385	19.678
282.442	41845.508	46580.164	30.549
31.675	23.897	1.021	14.759
1/13/2017 1:30:00 AM	99000.000	125.374	19.682
282.417	41814.367	46542.223	30.521
31.649	23.915	1.021	14.753
1/13/2017 1:45:00 AM	99900.000	125.352	19.682
282.368	41847.914	46578.961	30.548
31.674	23.896	1.021	14.760
1/13/2017 2:00:00 AM	100800.000	125.323	19.678
282.303	41850.559	46585.879	30.553
31.678	23.895	1.021	14.762
1/13/2017 2:15:00 AM	101700.000	125.301	19.681
282.253	41810.027	46538.434	30.518
31.646	23.918	1.021	14.762
1/13/2017 2:30:00 AM	102600.000	125.292	19.680
282.232	41848.961	46582.535	30.551
31.676	23.895	1.021	14.755
1/13/2017 2:45:00 AM	103500.000	125.268	19.680
282.178	41813.895	46543.500	30.522
31.650	23.915	1.021	14.762
1/13/2017 3:00:00 AM	104400.000	125.238	19.680
282.111	41840.508	46572.703	30.544
31.669	23.900	1.021	14.771
1/13/2017 3:15:00 AM	105300.000	125.213	19.681
282.054	41866.613	46600.551	30.564
31.688	23.885	1.021	14.771
1/13/2017 3:30:00 AM	106200.000	125.208	19.683
282.043	41804.602	46530.152	30.513
31.641	23.921	1.021	14.767
1/13/2017 3:45:00 AM	107100.000	125.186	19.682
281.993	41826.586	46555.645	30.531
31.658	23.908	1.021	14.774
1/13/2017 4:00:00 AM	108000.000	125.175	19.682
281.969	41815.348	46543.234	30.522
31.649	23.915	1.021	14.773
1/13/2017 4:15:00 AM	108900.000	125.167	19.678
281.951	41807.031	46537.766	30.518
31.646	23.919	1.021	14.772
1/13/2017 4:30:00 AM	109800.000	125.170	19.680
281.957	41823.965	46554.371	30.530
31.657	23.910	1.021	14.770
1/13/2017 4:45:00 AM	110700.000	125.164	19.678
281.944	41834.824	46568.367	30.540
31.666	23.904	1.021	14.772
1/13/2017 5:00:00 AM	111600.000	125.159	19.679
281.934	41824.086	46555.461	30.531
31.658	23.910	1.021	14.776
1/13/2017 5:15:00 AM	112500.000	125.162	19.679
281.940	41847.047	46580.844	30.549
31.675	23.897	1.021	14.783
1/13/2017 5:30:00 AM	113400.000	125.183	19.682
281.986	41849.715	46581.230	30.550
31.675	23.895	1.021	14.778

1/13/2017 5:45:00 AM	114300.000	125.199	19.681
282.022	41828.438	46558.746	30.533
31.660	23.907	1.021	14.776
1/13/2017 6:00:00 AM	115200.000	125.212	19.679
282.052	41844.633	46578.680	30.548
31.674	23.898	1.021	14.784
1/13/2017 6:15:00 AM	116100.000	125.245	19.678
282.127	41853.723	46589.484	30.556
31.681	23.893	1.021	14.777
1/13/2017 6:30:00 AM	117000.000	125.277	19.678
282.199	41858.809	46595.063	30.560
31.685	23.890	1.021	14.780
1/13/2017 6:45:00 AM	117900.000	125.299	19.678
282.249	41822.223	46554.941	30.530
31.657	23.911	1.021	14.788
1/13/2017 7:00:00 AM	118800.000	125.335	19.677
282.330	41838.254	46573.125	30.544
31.670	23.902	1.021	14.789
1/13/2017 7:15:00 AM	119700.000	125.367	19.680
282.401	41834.691	46566.227	30.539
31.665	23.904	1.021	14.789
1/13/2017 7:30:00 AM	120600.000	125.410	19.678
282.497	41819.035	46550.609	30.527
31.654	23.913	1.021	14.791
1/13/2017 7:45:00 AM	121500.000	125.442	19.679
282.569	41847.504	46581.617	30.550
31.676	23.896	1.021	14.798
1/13/2017 8:00:00 AM	122400.000	125.484	19.680
282.665	41830.668	46562.016	30.536
31.662	23.906	1.021	14.793
1/13/2017 8:15:00 AM	123300.000	125.527	19.678
282.761	41805.691	46535.938	30.517
31.644	23.920	1.021	14.798
1/13/2017 8:30:00 AM	124200.000	125.592	19.679
282.909	41819.055	46549.520	30.527
31.654	23.913	1.021	14.803
1/13/2017 8:45:00 AM	125100.000	125.598	19.677
282.921	41838.832	46574.117	30.544
31.670	23.901	1.021	14.805
1/13/2017 9:00:00 AM	126000.000	125.636	19.679
283.007	41837.117	46569.875	30.541
31.668	23.902	1.021	14.806
1/13/2017 9:15:00 AM	126900.000	125.666	19.678
283.074	41797.113	46526.207	30.509
31.638	23.925	1.021	14.815
1/13/2017 9:30:00 AM	127800.000	125.693	19.678
283.137	41830.613	46563.840	30.537
31.663	23.906	1.021	14.812
1/13/2017 9:45:00 AM	128700.000	125.716	19.679
283.188	41834.051	46566.980	30.539
31.666	23.904	1.021	14.816
1/13/2017 10:00:00 AM	129600.000	125.739	19.679
283.239	41824.418	46555.492	30.531
31.658	23.909	1.021	14.818
1/13/2017 10:15:00 AM	130500.000	125.749	19.679

283.262	41824.477	46555.719	30.531
31.658	23.909	1.021	14.821
1/13/2017 10:30:00 AM	131400.000	125.758	19.682
283.282	41837.547	46567.340	30.540
31.666	23.902	1.021	14.826
1/13/2017 10:45:00 AM	132300.000	125.762	19.685
283.292	41835.742	46562.910	30.537
31.663	23.903	1.021	14.824
1/13/2017 11:00:00 AM	133200.000	125.761	19.683
283.289	41818.156	46544.723	30.523
31.650	23.913	1.021	14.822
1/13/2017 11:15:00 AM	134100.000	125.752	19.683
283.268	41818.309	46545.578	30.524
31.651	23.913	1.021	14.825
1/13/2017 11:30:00 AM	135000.000	125.741	19.681
283.243	41836.922	46567.758	30.540
31.666	23.902	1.021	14.817
1/13/2017 11:45:00 AM	135900.000	125.720	19.681
283.197	41845.035	46576.789	30.547
31.672	23.898	1.021	14.815
1/13/2017 12:00:00 PM	136800.000	125.694	19.681
283.139	41821.871	46551.008	30.528
31.655	23.911	1.021	14.816
1/13/2017 12:15:00 PM	137700.000	125.659	19.681
283.060	41828.445	46558.418	30.533
31.660	23.907	1.021	14.814
1/13/2017 12:30:00 PM	138600.000	125.628	19.683
282.989	41832.207	46561.141	30.535
31.662	23.905	1.021	14.801
1/13/2017 12:45:00 PM	139500.000	125.581	19.684
282.883	41847.105	46575.992	30.546
31.672	23.897	1.021	14.804
1/13/2017 1:00:00 PM	140400.000	125.531	19.683
282.770	41820.926	46547.805	30.525
31.653	23.911	1.021	14.804
1/13/2017 1:15:00 PM	141300.000	125.483	19.683
282.663	41835.898	46564.637	30.538
31.664	23.903	1.021	14.802
1/13/2017 1:30:00 PM	142200.000	125.428	19.682
282.539	41832.160	46561.250	30.535
31.662	23.905	1.021	14.802
1/13/2017 1:45:00 PM	143100.000	125.367	19.681
282.402	41827.172	46556.648	30.532
31.659	23.908	1.021	14.805
1/13/2017 2:00:00 PM	144000.000	125.322	19.680
282.299	41838.320	46570.352	30.542
31.668	23.902	1.021	14.799
1/13/2017 2:15:00 PM	144900.000	125.246	19.680
282.129	41863.930	46598.594	30.562
31.687	23.887	1.021	14.807
1/13/2017 2:30:00 PM	145800.000	125.192	19.681
282.008	41844.371	46576.316	30.546
31.672	23.898	1.021	14.807
1/13/2017 2:45:00 PM	146700.000	125.132	19.682
281.871	41818.527	46546.855	30.525

31.652	23.913	1.021	14.808
1/13/2017 3:00:00 PM	147600.000	125.074	19.682
281.741	41843.211	46573.906	30.545
31.670	23.899	1.021	14.808
1/13/2017 3:15:00 PM	148500.000	125.009	19.681
281.595	41881.922	46617.590	30.576
31.700	23.877	1.021	14.809
1/13/2017 3:30:00 PM	149400.000	124.962	19.682
281.490	41838.398	46568.109	30.540
31.666	23.901	1.021	14.805
1/13/2017 3:45:00 PM	150300.000	124.897	19.681
281.342	41828.461	46558.086	30.533
31.660	23.907	1.021	14.813
1/13/2017 4:00:00 PM	151200.000	124.862	19.683
281.265	41841.988	46571.504	30.543
31.669	23.899	1.021	14.802
1/13/2017 4:15:00 PM	152100.000	124.816	19.680
281.161	41829.961	46560.781	30.535
31.661	23.906	1.021	14.797
1/13/2017 4:30:00 PM	153000.000	124.776	19.683
281.070	41794.090	46518.363	30.504
31.632	23.927	1.021	14.804
1/13/2017 4:45:00 PM	153900.000	124.747	19.681
281.004	41831.031	46561.543	30.535
31.662	23.906	1.021	14.801
1/13/2017 5:00:00 PM	154800.000	124.709	19.681
280.919	41841.469	46572.820	30.544
31.670	23.900	1.021	14.803
1/13/2017 5:15:00 PM	155700.000	124.692	19.680
280.880	41817.531	46547.125	30.525
31.652	23.913	1.021	14.795
1/13/2017 5:30:00 PM	156600.000	124.664	19.683
280.818	41851.375	46582.473	30.551
31.676	23.894	1.021	14.801
1/13/2017 5:45:00 PM	157500.000	124.648	19.682
280.781	41838.129	46568.070	30.540
31.666	23.902	1.021	14.809
1/13/2017 6:00:00 PM	158400.000	124.645	19.679
280.775	41828.965	46560.715	30.535
31.661	23.907	1.021	14.807
1/13/2017 6:15:00 PM	159300.000	124.641	19.680
280.766	41866.852	46601.938	30.565
31.689	23.885	1.021	14.808
1/13/2017 6:30:00 PM	160200.000	124.650	19.680
280.787	41816.992	46546.703	30.525
31.652	23.914	1.021	14.801
1/13/2017 6:45:00 PM	161100.000	124.663	19.681
280.815	41839.105	46570.027	30.542
31.668	23.901	1.021	14.799
1/13/2017 7:00:00 PM	162000.000	124.668	19.681
280.828	41830.258	46560.086	30.534
31.661	23.906	1.021	14.812
1/13/2017 7:15:00 PM	162900.000	124.696	19.679
280.891	41818.176	46549.047	30.526
31.653	23.913	1.021	14.811

1/13/2017 7:30:00 PM	163800.000	124.728	19.681
280.961	41797.313	46524.012	30.508
31.636	23.925	1.021	14.806
1/13/2017 7:45:00 PM	164700.000	124.752	19.679
281.017	41817.484	46548.625	30.526
31.653	23.913	1.021	14.811
1/13/2017 8:00:00 PM	165600.000	124.788	19.680
281.098	41850.320	46583.535	30.551
31.677	23.895	1.021	14.817
1/13/2017 8:15:00 PM	166500.000	124.838	19.679
281.209	41853.031	46587.504	30.554
31.680	23.893	1.021	14.810
1/13/2017 8:30:00 PM	167400.000	124.872	19.678
281.286	41832.676	46566.055	30.539
31.665	23.905	1.021	14.819
1/13/2017 8:45:00 PM	168300.000	124.918	19.678
281.390	41816.883	46548.734	30.526
31.653	23.914	1.021	14.824
1/13/2017 9:00:00 PM	169200.000	124.957	19.679
281.477	41839.664	46572.461	30.543
31.669	23.901	1.021	14.830
1/13/2017 9:15:00 PM	170100.000	125.003	19.680
281.581	41841.707	46573.781	30.544
31.670	23.900	1.021	14.833
1/13/2017 9:30:00 PM	171000.000	125.046	19.679
281.678	41863.039	46599.332	30.563
31.688	23.887	1.021	14.830
1/13/2017 9:45:00 PM	171900.000	125.094	19.678
281.785	41798.688	46527.957	30.511
31.639	23.924	1.021	14.834
1/13/2017 10:00:00 PM	172800.000	125.138	19.680
281.886	41826.324	46557.180	30.532
31.659	23.908	1.021	14.836
1/13/2017 10:15:00 PM	173700.000	125.187	19.681
281.996	41876.121	46611.824	30.572
31.696	23.880	1.021	14.831
1/13/2017 10:30:00 PM	174600.000	125.221	19.679
282.072	41825.648	46557.363	30.532
31.659	23.909	1.021	14.836
1/13/2017 10:45:00 PM	175500.000	125.265	19.679
282.171	41843.570	46577.148	30.547
31.672	23.899	1.021	14.835
1/13/2017 11:00:00 PM	176400.000	125.301	19.678
282.253	41837.605	46571.973	30.543
31.669	23.902	1.021	14.832
1/13/2017 11:15:00 PM	177300.000	125.325	19.676
282.307	41829.469	46564.555	30.537
31.664	23.907	1.021	14.833
1/13/2017 11:30:00 PM	178200.000	125.345	19.679
282.351	41827.949	46560.016	30.534
31.661	23.907	1.021	14.836
1/13/2017 11:45:00 PM	179100.000	125.372	19.679
282.412	41845.105	46579.023	30.548
31.674	23.898	1.021	14.833
1/14/2017 12:00:00 AM	180000.000	125.390	19.676

282.454	41811.617	46544.516	30.523
31.650	23.917	1.021	14.828
1/14/2017 12:15:00 AM	180900.000	125.402	19.676
282.479	41856.055	46593.895	30.559
31.684	23.891	1.021	14.831
1/14/2017 12:30:00 AM	181800.000	125.409	19.679
282.497	41846.430	46580.082	30.549
31.674	23.897	1.021	14.834
1/14/2017 12:45:00 AM	182700.000	125.417	19.681
282.513	41852.820	46585.457	30.553
31.678	23.893	1.021	14.829
1/14/2017 1:00:00 AM	183600.000	125.406	19.681
282.490	41838.938	46570.094	30.542
31.668	23.901	1.021	14.834
1/14/2017 1:15:00 AM	184500.000	125.403	19.681
282.484	41859.922	46593.793	30.559
31.684	23.889	1.021	14.830
1/14/2017 1:30:00 AM	185400.000	125.396	19.681
282.468	41836.027	46566.672	30.539
31.665	23.903	1.021	14.824
1/14/2017 1:45:00 AM	186300.000	125.381	19.678
282.433	41803.289	46533.344	30.515
31.643	23.922	1.021	14.831
1/14/2017 2:00:00 AM	187200.000	125.365	19.682
282.396	41839.230	46569.898	30.542
31.668	23.901	1.021	14.830
1/14/2017 2:15:00 AM	188100.000	125.357	19.680
282.378	41822.750	46553.359	30.529
31.656	23.910	1.021	14.828
1/14/2017 2:30:00 AM	189000.000	125.331	19.680
282.321	41867.387	46602.531	30.565
31.690	23.885	1.021	14.828
1/14/2017 2:45:00 AM	189900.000	125.303	19.681
282.257	41825.227	46554.652	30.530
31.657	23.909	1.021	14.832
1/14/2017 3:00:00 AM	190800.000	125.282	19.681
282.209	41820.621	46549.707	30.527
31.654	23.912	1.021	14.830
1/14/2017 3:15:00 AM	191700.000	125.253	19.681
282.145	41839.391	46570.508	30.542
31.668	23.901	1.021	14.839
1/14/2017 3:30:00 AM	192600.000	125.247	19.679
282.131	41852.574	46586.996	30.554
31.679	23.893	1.021	14.825
1/14/2017 3:45:00 AM	193500.000	125.213	19.677
282.055	41833.000	46567.195	30.539
31.666	23.905	1.021	14.829
1/14/2017 4:00:00 AM	194400.000	125.194	19.678
282.012	41839.422	46573.996	30.544
31.670	23.901	1.021	14.828
1/14/2017 4:15:00 AM	195300.000	125.174	19.680
281.966	41816.309	46545.848	30.524
31.651	23.914	1.021	14.832
1/14/2017 4:30:00 AM	196200.000	125.155	19.679
281.924	41835.418	46567.898	30.540

31.666	23.903	1.021	14.840
1/14/2017 4:45:00 AM	197100.000	125.153	19.678
281.920	41842.219	46577.016	30.547
31.672	23.899	1.021	14.829
1/14/2017 5:00:00 AM	198000.000	125.132	19.680
281.872	41843.590	46576.133	30.546
31.672	23.899	1.021	14.837
1/14/2017 5:15:00 AM	198900.000	125.140	19.682
281.891	41790.156	46515.191	30.502
31.630	23.929	1.021	14.824
1/14/2017 5:30:00 AM	199800.000	125.124	19.680
281.854	41847.164	46580.109	30.549
31.674	23.896	1.021	14.838
1/14/2017 5:45:00 AM	200700.000	125.131	19.682
281.871	41844.109	46575.074	30.545
31.671	23.898	1.021	14.825
1/14/2017 6:00:00 AM	201600.000	125.169	19.683
281.956	41843.570	46573.008	30.544
31.670	23.899	1.021	14.827
1/14/2017 6:15:00 AM	202500.000	125.151	19.681
281.915	41803.406	46530.363	30.513
31.641	23.921	1.021	14.826
1/14/2017 6:30:00 AM	203400.000	125.156	19.683
281.926	41830.184	46558.539	30.533
31.660	23.906	1.021	14.827
1/14/2017 6:45:00 AM	204300.000	125.182	19.682
281.984	41847.215	46578.266	30.548
31.673	23.896	1.021	14.822
1/14/2017 7:00:00 AM	205200.000	125.196	19.681
282.016	41834.020	46564.363	30.537
31.664	23.904	1.021	14.832
1/14/2017 7:15:00 AM	206100.000	125.217	19.681
282.063	41843.863	46575.660	30.546
31.671	23.898	1.021	14.830
1/14/2017 7:30:00 AM	207000.000	125.250	19.681
282.137	41835.609	46566.730	30.539
31.665	23.903	1.021	14.829
1/14/2017 7:45:00 AM	207900.000	125.282	19.682
282.210	41836.086	46566.215	30.539
31.665	23.903	1.021	14.827
1/14/2017 8:00:00 AM	208800.000	125.315	19.680
282.284	41819.902	46549.766	30.527
31.654	23.912	1.021	14.829
1/14/2017 8:15:00 AM	209700.000	125.353	19.679
282.369	41826.563	46558.648	30.533
31.660	23.908	1.021	14.826
1/14/2017 8:30:00 AM	210600.000	125.384	19.681
282.439	41835.109	46565.652	30.538
31.665	23.903	1.021	14.832
1/14/2017 8:45:00 AM	211500.000	125.420	19.681
282.521	41838.652	46570.117	30.542
31.668	23.901	1.021	14.835
1/14/2017 9:00:00 AM	212400.000	125.457	19.681
282.603	41824.273	46553.773	30.530
31.657	23.910	1.021	14.838

1/14/2017 9:15:00 AM	213300.000	125.491	19.678
282.680	41840.793	46575.266	30.545
31.671	23.900	1.021	14.838
1/14/2017 9:30:00 AM	214200.000	125.525	19.682
282.757	41826.594	46555.055	30.531
31.657	23.908	1.021	14.843
1/14/2017 9:45:00 AM	215100.000	125.560	19.682
282.836	41840.473	46570.941	30.542
31.668	23.900	1.021	14.843
1/14/2017 10:00:00 AM	216000.000	125.593	19.678
282.911	41846.098	46581.254	30.550
31.675	23.897	1.021	14.844
1/14/2017 10:15:00 AM	216900.000	125.625	19.679
282.982	41828.172	46559.832	30.534
31.661	23.907	1.021	14.834
1/14/2017 10:30:00 AM	217800.000	125.646	19.680
283.030	41858.965	46593.586	30.559
31.684	23.890	1.021	14.833
1/14/2017 10:45:00 AM	218700.000	125.670	19.680
283.085	41845.063	46578.293	30.548
31.673	23.898	1.021	14.831
1/14/2017 11:00:00 AM	219600.000	125.692	19.680
283.133	41846.160	46579.516	30.549
31.674	23.897	1.021	14.828
1/14/2017 11:15:00 AM	220500.000	125.695	19.680
283.140	41848.359	46581.184	30.550
31.675	23.896	1.021	14.828
1/14/2017 11:30:00 AM	221400.000	125.697	19.682
283.144	41843.797	46574.727	30.545
31.671	23.898	1.021	14.827
1/14/2017 11:45:00 AM	222300.000	125.706	19.679
283.166	41824.777	46555.980	30.531
31.658	23.909	1.021	14.814
1/14/2017 12:00:00 PM	223200.000	125.695	19.680
283.140	41874.066	46610.578	30.571
31.695	23.881	1.021	14.818
1/14/2017 12:15:00 PM	224100.000	125.682	19.681
283.112	41842.332	46573.781	30.544
31.670	23.899	1.021	14.811
1/14/2017 12:30:00 PM	225000.000	125.665	19.681
283.072	41832.547	46563.406	30.537
31.663	23.905	1.021	14.810
1/14/2017 12:45:00 PM	225900.000	125.642	19.681
283.020	41842.246	46573.859	30.544
31.670	23.899	1.021	14.803
1/14/2017 1:00:00 PM	226800.000	125.612	19.683
282.953	41831.063	46559.516	30.534
31.660	23.906	1.021	14.801
1/14/2017 1:15:00 PM	227700.000	125.587	19.680
282.897	41799.363	46527.426	30.510
31.639	23.924	1.021	14.793
1/14/2017 1:30:00 PM	228600.000	125.546	19.681
282.804	41832.711	46563.684	30.537
31.663	23.905	1.021	14.794
1/14/2017 1:45:00 PM	229500.000	125.502	19.679

282.705	41870.441	46606.883	30.569
31.693	23.883	1.021	14.792
1/14/2017 2:00:00 PM	230400.000	125.485	19.682
282.666	41853.301	46585.477	30.553
31.678	23.893	1.021	14.795
1/14/2017 2:15:00 PM	231300.000	125.404	19.682
282.484	41826.340	46555.293	30.531
31.658	23.908	1.021	14.794
1/14/2017 2:30:00 PM	232200.000	125.353	19.681
282.370	41829.871	46559.820	30.534
31.661	23.906	1.021	14.799
1/14/2017 2:45:00 PM	233100.000	125.290	19.680
282.227	41810.363	46538.891	30.519
31.646	23.918	1.021	14.801
1/14/2017 3:00:00 PM	234000.000	125.242	19.683
282.120	41818.109	46544.496	30.523
31.650	23.913	1.021	14.793
1/14/2017 3:15:00 PM	234900.000	125.193	19.683
282.011	41812.371	46538.109	30.518
31.646	23.916	1.021	14.785
1/14/2017 3:30:00 PM	235800.000	125.136	19.681
281.881	41826.996	46556.887	30.532
31.659	23.908	1.021	14.794
1/14/2017 3:45:00 PM	236700.000	125.082	19.684
281.760	41840.844	46569.023	30.541
31.667	23.900	1.021	14.794
1/14/2017 4:00:00 PM	237600.000	125.031	19.683
281.645	41829.352	46557.098	30.532
31.659	23.907	1.021	14.797
1/14/2017 4:15:00 PM	238500.000	124.972	19.682
281.511	41870.180	46604.090	30.567
31.691	23.883	1.021	14.796
1/14/2017 4:30:00 PM	239400.000	124.921	19.682
281.397	41840.188	46570.441	30.542
31.668	23.900	1.021	14.805
1/14/2017 4:45:00 PM	240300.000	124.888	19.683
281.323	41871.574	46604.863	30.567
31.691	23.883	1.021	14.800
1/14/2017 5:00:00 PM	241200.000	124.835	19.683
281.203	41848.898	46578.855	30.548
31.674	23.895	1.021	14.804
1/14/2017 5:15:00 PM	242100.000	124.813	19.683
281.153	41829.785	46558.262	30.533
31.660	23.906	1.021	14.794
1/14/2017 5:30:00 PM	243000.000	124.775	19.682
281.068	41841.199	46571.406	30.543
31.669	23.900	1.021	14.795
1/14/2017 5:45:00 PM	243900.000	124.760	19.683
281.034	41827.586	46555.383	30.531
31.658	23.908	1.021	14.791
1/14/2017 6:00:00 PM	244800.000	124.728	19.681
280.962	41855.824	46589.316	30.556
31.681	23.892	1.021	14.797
1/14/2017 6:15:00 PM	245700.000	124.708	19.681
280.916	41851.773	46584.289	30.552

31.677	23.894	1.021	14.801
1/14/2017 6:30:00 PM	246600.000	124.703	19.679
280.906	41851.336	46586.406	30.553
31.679	23.894	1.021	14.795
1/14/2017 6:45:00 PM	247500.000	124.690	19.680
280.876	41817.801	46547.602	30.525
31.652	23.913	1.021	14.800
1/14/2017 7:00:00 PM	248400.000	124.710	19.677
280.922	41844.973	46580.438	30.549
31.675	23.898	1.021	14.791
1/14/2017 7:15:00 PM	249300.000	124.702	19.680
280.903	41829.754	46560.906	30.535
31.661	23.906	1.021	14.793
1/14/2017 7:30:00 PM	250200.000	124.745	19.680
281.000	41848.742	46581.609	30.550
31.675	23.896	1.021	14.796
1/14/2017 7:45:00 PM	251100.000	124.733	19.680
280.973	41844.422	46577.480	30.547
31.673	23.898	1.021	14.792
1/14/2017 8:00:00 PM	252000.000	124.761	19.677
281.037	41839.934	46575.168	30.545
31.671	23.901	1.021	14.793
1/14/2017 8:15:00 PM	252900.000	124.771	19.678
281.059	41836.793	46570.977	30.542
31.668	23.902	1.021	14.805
1/14/2017 8:30:00 PM	253800.000	124.812	19.681
281.151	41850.742	46582.887	30.551
31.676	23.894	1.021	14.792
1/14/2017 8:45:00 PM	254700.000	124.847	19.678
281.231	41866.281	46603.461	30.566
31.690	23.886	1.021	14.797
1/14/2017 9:00:00 PM	255600.000	124.890	19.679
281.328	41858.168	46593.223	30.559
31.683	23.890	1.021	14.791
1/14/2017 9:15:00 PM	256500.000	124.921	19.681
281.398	41817.086	46545.773	30.524
31.651	23.914	1.021	14.800
1/14/2017 9:30:00 PM	257400.000	124.966	19.681
281.499	41849.750	46582.648	30.551
31.676	23.895	1.021	14.793
1/14/2017 9:45:00 PM	258300.000	125.018	19.678
281.616	41820.363	46552.348	30.529
31.656	23.912	1.021	14.794
1/14/2017 10:00:00 PM	259200.000	125.064	19.679
281.719	41822.059	46553.293	30.529
31.656	23.911	1.021	14.792
1/14/2017 10:15:00 PM	260100.000	125.109	19.681
281.820	41831.270	46561.734	30.536
31.662	23.906	1.021	14.792
1/14/2017 10:30:00 PM	261000.000	125.154	19.678
281.921	41819.246	46551.445	30.528
31.655	23.912	1.021	14.794
1/14/2017 10:45:00 PM	261900.000	125.192	19.678
282.008	41830.848	46563.672	30.537
31.663	23.906	1.021	14.797

1/14/2017 11:00:00 PM	262800.000	125.239	19.681
282.114	41837.590	46568.594	30.541
31.667	23.902	1.021	14.791
1/14/2017 11:15:00 PM	263700.000	125.268	19.680
282.180	41841.977	46574.859	30.545
31.671	23.899	1.021	14.795
1/14/2017 11:30:00 PM	264600.000	125.306	19.681
282.264	41837.844	46569.301	30.541
31.667	23.902	1.021	14.796
1/14/2017 11:45:00 PM	265500.000	125.333	19.678
282.324	41843.977	46578.555	30.548
31.673	23.898	1.021	14.802
1/15/2017 12:00:00 AM	266400.000	125.365	19.679
282.397	41861.590	46597.719	30.562
31.686	23.888	1.021	14.797
1/15/2017 12:15:00 AM	267300.000	125.387	19.678
282.446	41823.105	46555.137	30.531
31.657	23.910	1.021	14.799
1/15/2017 12:30:00 AM	268200.000	125.411	19.677
282.501	41807.848	46539.367	30.519
31.647	23.919	1.021	14.796
1/15/2017 12:45:00 AM	269100.000	125.430	19.676
282.544	41848.824	46586.355	30.553
31.679	23.896	1.021	14.790
1/15/2017 1:00:00 AM	270000.000	125.438	19.677
282.561	41831.801	46566.113	30.539
31.665	23.905	1.021	14.793
1/15/2017 1:15:00 AM	270900.000	125.445	19.679
282.577	41839.934	46573.191	30.544
31.670	23.901	1.021	14.794
1/15/2017 1:30:00 AM	271800.000	125.457	19.678
282.605	41824.105	46556.434	30.532
31.658	23.910	1.021	14.786
1/15/2017 1:45:00 AM	272700.000	125.447	19.678
282.583	41832.797	46566.527	30.539
31.665	23.905	1.021	14.793
1/15/2017 2:00:00 AM	273600.000	125.430	19.678
282.542	41843.336	46577.840	30.547
31.673	23.899	1.021	14.794
1/15/2017 2:15:00 AM	274500.000	125.441	19.679
282.568	41824.770	46556.652	30.532
31.659	23.909	1.021	14.786
1/15/2017 2:30:00 AM	275400.000	125.424	19.679
282.530	41824.020	46555.816	30.531
31.658	23.910	1.021	14.796
1/15/2017 2:45:00 AM	276300.000	125.398	19.679
282.472	41816.074	46546.887	30.525
31.652	23.914	1.021	14.800
1/15/2017 3:00:00 AM	277200.000	125.390	19.678
282.454	41857.180	46593.852	30.559
31.684	23.891	1.021	14.793
1/15/2017 3:15:00 AM	278100.000	125.361	19.679
282.387	41809.414	46539.219	30.519
31.647	23.918	1.021	14.798
1/15/2017 3:30:00 AM	279000.000	125.347	19.679

282.356	41831.914	46564.082	30.537
31.664	23.905	1.021	14.794
1/15/2017 3:45:00 AM	279900.000	125.323	19.675
282.303	41810.957	46544.719	30.523
31.650	23.917	1.021	14.792
1/15/2017 4:00:00 AM	280800.000	125.287	19.676
282.221	41827.504	46562.707	30.536
31.663	23.908	1.021	14.798
1/15/2017 4:15:00 AM	281700.000	125.270	19.680
282.183	41821.367	46551.820	30.528
31.655	23.911	1.021	14.798
1/15/2017 4:30:00 AM	282600.000	125.255	19.680
282.148	41838.000	46570.332	30.542
31.668	23.902	1.021	14.788
1/15/2017 4:45:00 AM	283500.000	125.231	19.681
282.094	41813.031	46541.777	30.521
31.648	23.916	1.021	14.791
1/15/2017 5:00:00 AM	284400.000	125.217	19.681
282.064	41844.207	46575.961	30.546
31.672	23.898	1.021	14.787
1/15/2017 5:15:00 AM	285300.000	125.193	19.683
282.009	41817.926	46545.152	30.524
31.651	23.913	1.021	14.792
1/15/2017 5:30:00 AM	286200.000	125.183	19.683
281.986	41834.152	46563.211	30.537
31.663	23.904	1.021	14.790
1/15/2017 5:45:00 AM	287100.000	125.159	19.682
281.932	41868.836	46602.328	30.565
31.690	23.884	1.021	14.792
1/15/2017 6:00:00 AM	288000.000	125.157	19.682
281.928	41824.098	46552.973	30.529
31.656	23.910	1.021	14.786
1/15/2017 6:15:00 AM	288900.000	125.150	19.680
281.912	41848.438	46581.613	30.550
31.675	23.896	1.021	14.793
1/15/2017 6:30:00 AM	289800.000	125.150	19.681
281.912	41821.070	46550.547	30.527
31.654	23.911	1.021	14.792
1/15/2017 6:45:00 AM	290700.000	125.155	19.679
281.923	41810.898	46540.605	30.520
31.648	23.917	1.021	14.786
1/15/2017 7:00:00 AM	291600.000	125.157	19.680
281.927	41807.832	46536.152	30.517
31.645	23.919	1.021	14.789
1/15/2017 7:15:00 AM	292500.000	125.168	19.682
281.953	41840.785	46571.207	30.543
31.668	23.900	1.021	14.789
1/15/2017 7:30:00 AM	293400.000	125.183	19.681
281.987	41814.477	46543.207	30.522
31.649	23.915	1.021	14.787
1/15/2017 7:45:00 AM	294300.000	125.202	19.680
282.030	41864.230	46599.375	30.563
31.688	23.887	1.021	14.786
1/15/2017 8:00:00 AM	295200.000	125.221	19.679
282.073	41842.090	46575.500	30.546

31.671	23.899	1.021	14.793
1/15/2017 8:15:00 AM	296100.000	125.248	19.680
282.133	41856.082	46590.305	30.556
31.681	23.891	1.021	14.792
1/15/2017 8:30:00 AM	297000.000	125.268	19.683
282.179	41846.934	46576.918	30.547
31.672	23.897	1.021	14.794
1/15/2017 8:45:00 AM	297900.000	125.298	19.679
282.246	41815.227	46545.598	30.524
31.651	23.915	1.021	14.799
1/15/2017 9:00:00 AM	298800.000	125.328	19.679
282.313	41805.633	46535.434	30.516
31.644	23.920	1.021	14.803
1/15/2017 9:15:00 AM	299700.000	125.356	19.681
282.377	41874.055	46609.000	30.570
31.694	23.881	1.021	14.804
1/15/2017 9:30:00 AM	300600.000	125.388	19.683
282.450	41844.074	46574.254	30.545
31.670	23.898	1.021	14.803
1/15/2017 9:45:00 AM	301500.000	125.416	19.681
282.512	41840.762	46572.297	30.543
31.669	23.900	1.021	14.806
1/15/2017 10:00:00 AM	302400.000	125.443	19.683
282.572	41829.121	46557.008	30.532
31.659	23.907	1.021	14.806
1/15/2017 10:15:00 AM	303300.000	125.472	19.683
282.639	41850.395	46581.035	30.550
31.675	23.895	1.021	14.812
1/15/2017 10:30:00 AM	304200.000	125.502	19.682
282.706	41854.008	46586.008	30.553
31.678	23.893	1.021	14.814
1/15/2017 10:45:00 AM	305100.000	125.528	19.678
282.763	41808.449	46539.086	30.519
31.647	23.919	1.021	14.811
1/15/2017 11:00:00 AM	306000.000	125.557	19.679
282.830	41834.855	46567.273	30.540
31.666	23.904	1.021	14.809
1/15/2017 11:15:00 AM	306900.000	125.577	19.681
282.874	41843.293	46574.688	30.545
31.671	23.899	1.021	14.803
1/15/2017 11:30:00 AM	307800.000	125.599	19.679
282.923	41821.887	46553.176	30.529
31.656	23.911	1.021	14.803
1/15/2017 11:45:00 AM	308700.000	125.607	19.677
282.941	41842.566	46578.523	30.548
31.673	23.899	1.021	14.799
1/15/2017 12:00:00 PM	309600.000	125.617	19.681
282.966	41801.293	46528.535	30.511
31.639	23.923	1.021	14.793
1/15/2017 12:15:00 PM	310500.000	125.624	19.682
282.980	41856.188	46588.590	30.555
31.680	23.891	1.021	14.792
1/15/2017 12:30:00 PM	311400.000	125.624	19.682
282.981	41849.246	46581.047	30.550
31.675	23.895	1.021	14.782

1/15/2017 12:45:00 PM	312300.000	125.617	19.681
282.964	41815.988	46544.293	30.523
31.650	23.914	1.021	14.778
1/15/2017 1:00:00 PM	313200.000	125.614	19.679
282.959	41839.441	46572.461	30.543
31.669	23.901	1.021	14.773
1/15/2017 1:15:00 PM	314100.000	125.594	19.680
282.913	41864.965	46600.348	30.564
31.688	23.886	1.021	14.769
1/15/2017 1:30:00 PM	315000.000	125.568	19.679
282.854	41833.043	46565.945	30.539
31.665	23.905	1.021	14.779
1/15/2017 1:45:00 PM	315900.000	125.547	19.679
282.808	41842.672	46576.148	30.546
31.672	23.899	1.021	14.769
1/15/2017 2:00:00 PM	316800.000	125.524	19.677
282.756	41833.363	46567.418	30.540
31.666	23.904	1.021	14.770
1/15/2017 2:15:00 PM	317700.000	125.478	19.677
282.652	41804.930	46536.031	30.517
31.645	23.921	1.021	14.778
1/15/2017 2:30:00 PM	318600.000	125.441	19.682
282.567	41823.262	46552.043	30.529
31.655	23.910	1.021	14.780
1/15/2017 2:45:00 PM	319500.000	125.404	19.679
282.485	41832.266	46564.227	30.537
31.664	23.905	1.021	14.774
1/15/2017 3:00:00 PM	320400.000	125.370	19.679
282.408	41847.801	46581.684	30.550
31.676	23.896	1.021	14.770
1/15/2017 3:15:00 PM	321300.000	125.323	19.680
282.302	41823.730	46554.203	30.530
31.657	23.910	1.021	14.774
1/15/2017 3:30:00 PM	322200.000	125.271	19.679
282.185	41842.672	46576.578	30.546
31.672	23.899	1.021	14.777
1/15/2017 3:45:00 PM	323100.000	125.224	19.681
282.079	41815.531	46544.125	30.523
31.650	23.915	1.021	14.773
1/15/2017 4:00:00 PM	324000.000	125.173	19.681
281.964	41813.277	46542.051	30.521
31.649	23.916	1.021	14.776
1/15/2017 4:15:00 PM	324900.000	125.127	19.679
281.862	41850.773	46585.168	30.553
31.678	23.894	1.021	14.781
1/15/2017 4:30:00 PM	325800.000	125.090	19.683
281.777	41827.059	46555.316	30.531
31.658	23.908	1.021	14.772
1/15/2017 4:45:00 PM	326700.000	125.038	19.683
281.659	41847.887	46578.242	30.548
31.673	23.896	1.021	14.779
1/15/2017 5:00:00 PM	327600.000	125.000	19.685
281.575	41830.016	46556.711	30.532
31.659	23.906	1.021	14.776
1/15/2017 5:15:00 PM	328500.000	124.966	19.682

281.498	41851.391	46582.910	30.551
31.676	23.894	1.021	14.772
1/15/2017 5:30:00 PM	329400.000	124.913	19.683
281.379	41844.371	46573.727	30.544
31.670	23.898	1.021	14.784
1/15/2017 5:45:00 PM	330300.000	124.891	19.682
281.329	41851.418	46582.688	30.551
31.676	23.894	1.021	14.778
1/15/2017 6:00:00 PM	331200.000	124.855	19.681
281.247	41817.234	46546.184	30.524
31.651	23.914	1.021	14.779
1/15/2017 6:15:00 PM	332100.000	124.826	19.681
281.182	41847.461	46579.664	30.549
31.674	23.896	1.021	14.773
1/15/2017 6:30:00 PM	333000.000	124.801	19.678
281.126	41816.996	46548.859	30.526
31.653	23.914	1.021	14.781
1/15/2017 6:45:00 PM	333900.000	124.785	19.681
281.090	41839.477	46570.262	30.542
31.668	23.901	1.021	14.780
1/15/2017 7:00:00 PM	334800.000	124.763	19.680
281.041	41817.371	46546.770	30.525
31.652	23.914	1.021	14.790
1/15/2017 7:15:00 PM	335700.000	124.763	19.682
281.042	41805.719	46531.820	30.514
31.642	23.920	1.021	14.784
1/15/2017 7:30:00 PM	336600.000	124.760	19.682
281.035	41863.781	46597.043	30.561
31.686	23.887	1.021	14.786
1/15/2017 7:45:00 PM	337500.000	124.765	19.681
281.044	41823.289	46552.762	30.529
31.656	23.910	1.021	14.787
1/15/2017 8:00:00 PM	338400.000	124.762	19.681
281.038	41856.500	46589.387	30.556
31.681	23.891	1.021	14.794
1/15/2017 8:15:00 PM	339300.000	124.794	19.681
281.110	41822.246	46551.336	30.528
31.655	23.911	1.021	14.786
1/15/2017 8:30:00 PM	340200.000	124.803	19.679
281.131	41823.457	46554.926	30.530
31.657	23.910	1.021	14.790
1/15/2017 8:45:00 PM	341100.000	124.824	19.680
281.179	41847.297	46580.863	30.549
31.675	23.896	1.021	14.792
1/15/2017 9:00:00 PM	342000.000	124.846	19.681
281.228	41872.352	46607.629	30.569
31.693	23.882	1.021	14.792
1/15/2017 9:15:00 PM	342900.000	124.864	19.679
281.268	41839.621	46572.844	30.544
31.670	23.901	1.021	14.795
1/15/2017 9:30:00 PM	343800.000	124.911	19.680
281.374	41856.148	46590.195	30.556
31.681	23.891	1.021	14.792
1/15/2017 9:45:00 PM	344700.000	124.944	19.678
281.449	41848.582	46583.680	30.551

31.677	23.896	1.021	14.792
1/15/2017 10:00:00 PM	345600.000	124.981	19.680
281.532	41838.406	46570.539	30.542
31.668	23.901	1.021	14.790
1/15/2017 10:15:00 PM	346500.000	125.015	19.680
281.609	41866.637	46601.961	30.565
31.689	23.885	1.021	14.792
1/15/2017 10:30:00 PM	347400.000	125.058	19.679
281.706	41827.070	46559.211	30.534
31.660	23.908	1.021	14.798
1/15/2017 10:45:00 PM	348300.000	125.102	19.678
281.805	41852.773	46588.766	30.555
31.680	23.893	1.021	14.800
1/15/2017 11:00:00 PM	349200.000	125.148	19.677
281.908	41847.891	46584.109	30.552
31.677	23.896	1.021	14.801
1/15/2017 11:15:00 PM	350100.000	125.187	19.677
281.997	41807.543	46538.676	30.519
31.646	23.919	1.021	14.796
1/15/2017 11:30:00 PM	351000.000	125.208	19.676
282.044	41831.402	46566.707	30.539
31.665	23.905	1.021	14.811
1/15/2017 11:45:00 PM	351900.000	125.257	19.676
282.153	41849.887	46587.285	30.554
31.679	23.895	1.021	14.800
1/16/2017 12:00:00 AM	352800.000	125.299	19.678
282.249	41857.797	46594.020	30.559
31.684	23.890	1.021	14.797
1/16/2017 12:15:00 AM	353700.000	125.323	19.679
282.303	41826.453	46557.918	30.533
31.659	23.908	1.021	14.797
1/16/2017 12:30:00 AM	354600.000	125.351	19.678
282.365	41840.883	46575.016	30.545
31.671	23.900	1.021	14.794
1/16/2017 12:45:00 AM	355500.000	125.385	19.678
282.442	41848.730	46584.266	30.552
31.677	23.896	1.021	14.793
1/16/2017 1:00:00 AM	356400.000	125.408	19.678
282.494	41831.711	46564.809	30.538
31.664	23.905	1.021	14.792
1/16/2017 1:15:00 AM	357300.000	125.426	19.680
282.535	41870.309	46606.297	30.568
31.692	23.883	1.021	14.791
1/16/2017 1:30:00 AM	358200.000	125.472	19.677
282.638	41814.852	46546.813	30.524
31.652	23.915	1.021	14.789
1/16/2017 1:45:00 AM	359100.000	125.448	19.680
282.583	41807.141	46536.168	30.517
31.645	23.919	1.021	14.788
1/16/2017 2:00:00 AM	360000.000	125.448	19.680
282.584	41823.188	46553.762	30.530
31.657	23.910	1.021	14.788
1/16/2017 2:15:00 AM	360900.000	125.452	19.679
282.593	41853.988	46588.836	30.555
31.680	23.893	1.021	14.782

1/16/2017 2:30:00 AM	361800.000	125.460	19.681
282.610	41829.203	46559.508	30.534
31.660	23.907	1.021	14.775
1/16/2017 2:45:00 AM	362700.000	125.461	19.678
282.614	41845.773	46580.809	30.549
31.675	23.897	1.021	14.779
1/16/2017 3:00:00 AM	363600.000	125.456	19.679
282.602	41838.773	46572.066	30.543
31.669	23.901	1.021	14.779
1/16/2017 3:15:00 AM	364500.000	125.437	19.679
282.559	41852.523	46587.461	30.554
31.679	23.893	1.021	14.784
1/16/2017 3:30:00 AM	365400.000	125.417	19.679
282.514	41855.445	46590.797	30.557
31.682	23.892	1.021	14.789
1/16/2017 3:45:00 AM	366300.000	125.400	19.680
282.476	41855.734	46590.172	30.556
31.681	23.892	1.021	14.785
1/16/2017 4:00:00 AM	367200.000	125.389	19.681
282.451	41813.039	46541.012	30.520
31.648	23.916	1.021	14.788
1/16/2017 4:15:00 AM	368100.000	125.375	19.680
282.420	41823.824	46554.555	30.530
31.657	23.910	1.021	14.782
1/16/2017 4:30:00 AM	369000.000	125.353	19.680
282.369	41836.301	46568.020	30.540
31.666	23.903	1.021	14.784
1/16/2017 4:45:00 AM	369900.000	125.325	19.682
282.307	41843.027	46574.125	30.545
31.670	23.899	1.021	14.785
1/16/2017 5:00:00 AM	370800.000	125.308	19.683
282.269	41835.059	46563.793	30.537
31.663	23.903	1.021	14.780
1/16/2017 5:15:00 AM	371700.000	125.282	19.680
282.209	41841.945	46574.211	30.545
31.670	23.899	1.021	14.793
1/16/2017 5:30:00 AM	372600.000	125.267	19.681
282.176	41829.793	46559.918	30.534
31.661	23.906	1.021	14.792
1/16/2017 5:45:00 AM	373500.000	125.237	19.681
282.109	41846.992	46579.063	30.548
31.674	23.897	1.021	14.796
1/16/2017 6:00:00 AM	374400.000	125.216	19.679
282.062	41833.355	46565.602	30.538
31.665	23.904	1.021	14.795
1/16/2017 6:15:00 AM	375300.000	125.199	19.680
282.023	41853.863	46587.652	30.554
31.680	23.893	1.021	14.792
1/16/2017 6:30:00 AM	376200.000	125.188	19.682
281.998	41816.156	46544.133	30.523
31.650	23.914	1.021	14.793
1/16/2017 6:45:00 AM	377100.000	125.180	19.681
281.980	41848.570	46580.563	30.549
31.675	23.896	1.021	14.798
1/16/2017 7:00:00 AM	378000.000	125.174	19.681

281.966	41880.883	46616.527	30.576
31.699	23.877	1.021	14.789
1/16/2017 7:15:00 AM	378900.000	125.161	19.680
281.937	41850.969	46584.613	30.552
31.678	23.894	1.021	14.802
1/16/2017 7:30:00 AM	379800.000	125.157	19.679
281.928	41836.969	46569.801	30.541
31.667	23.902	1.021	14.797
1/16/2017 7:45:00 AM	380700.000	125.160	19.679
281.936	41829.797	46561.906	30.536
31.662	23.906	1.021	14.800
1/16/2017 8:00:00 AM	381600.000	125.182	19.681
281.984	41842.035	46573.965	30.544
31.670	23.899	1.021	14.792
1/16/2017 8:15:00 AM	382500.000	125.170	19.683
281.957	41843.051	46572.777	30.544
31.669	23.899	1.021	14.803
1/16/2017 8:30:00 AM	383400.000	125.184	19.685
281.989	41836.941	46563.484	30.537
31.663	23.902	1.021	14.808
1/16/2017 8:45:00 AM	384300.000	125.197	19.685
282.018	41826.324	46552.430	30.529
31.656	23.908	1.021	14.805
1/16/2017 9:00:00 AM	385200.000	125.218	19.680
282.067	41849.984	46583.332	30.551
31.677	23.895	1.021	14.808
1/16/2017 9:15:00 AM	386100.000	125.235	19.681
282.105	41848.215	46580.668	30.549
31.675	23.896	1.021	14.809
1/16/2017 9:30:00 AM	387000.000	125.258	19.679
282.157	41861.848	46597.840	30.562
31.687	23.888	1.021	14.801
1/16/2017 9:45:00 AM	387900.000	125.280	19.679
282.206	41831.457	46563.414	30.537
31.663	23.905	1.021	14.807
1/16/2017 10:00:00 AM	388800.000	125.339	19.681
282.337	41859.855	46593.719	30.559
31.684	23.889	1.021	14.812
1/16/2017 10:15:00 AM	389700.000	125.338	19.681
282.336	41833.043	46563.781	30.537
31.663	23.905	1.021	14.809
1/16/2017 10:30:00 AM	390600.000	125.358	19.683
282.380	41865.418	46597.410	30.562
31.686	23.886	1.021	14.815
1/16/2017 10:45:00 AM	391500.000	125.379	19.681
282.427	41832.836	46562.871	30.536
31.663	23.905	1.021	14.811
1/16/2017 11:00:00 AM	392400.000	125.411	19.681
282.501	41837.688	46569.223	30.541
31.667	23.902	1.021	14.809
1/16/2017 11:15:00 AM	393300.000	125.430	19.683
282.543	41830.750	46558.996	30.534
31.660	23.906	1.021	14.809
1/16/2017 11:30:00 AM	394200.000	125.448	19.680
282.584	41814.133	46543.949	30.522

31.650	23.915	1.021	14.811
1/16/2017 11:45:00 AM	395100.000	125.475	19.678
282.644	41849.723	46585.031	30.552
31.678	23.895	1.021	14.806
1/16/2017 12:00:00 PM	396000.000	125.494	19.679
282.687	41850.215	46584.977	30.552
31.678	23.895	1.021	14.795
1/16/2017 12:15:00 PM	396900.000	125.509	19.678
282.720	41858.184	46594.969	30.560
31.685	23.890	1.021	14.792
1/16/2017 12:30:00 PM	397800.000	125.514	19.680
282.733	41837.199	46569.195	30.541
31.667	23.902	1.021	14.790
1/16/2017 12:45:00 PM	398700.000	125.523	19.678
282.752	41823.582	46556.191	30.531
31.658	23.910	1.021	14.788
1/16/2017 1:00:00 PM	399600.000	125.529	19.679
282.767	41853.809	46588.977	30.555
31.681	23.893	1.021	14.786
1/16/2017 1:15:00 PM	400500.000	125.540	19.681
282.790	41822.453	46551.566	30.528
31.655	23.911	1.021	14.779
1/16/2017 1:30:00 PM	401400.000	125.531	19.680
282.770	41863.117	46597.867	30.562
31.687	23.887	1.021	14.778
1/16/2017 1:45:00 PM	402300.000	125.519	19.680
282.743	41830.500	46561.738	30.536
31.662	23.906	1.021	14.777
1/16/2017 2:00:00 PM	403200.000	125.519	19.682
282.743	41861.000	46593.445	30.559
31.684	23.889	1.021	14.770
1/16/2017 2:15:00 PM	404100.000	125.504	19.682
282.710	41838.887	46568.832	30.541
31.667	23.901	1.021	14.773
1/16/2017 2:30:00 PM	405000.000	125.478	19.683
282.651	41847.781	46578.383	30.548
31.673	23.896	1.021	14.775
1/16/2017 2:45:00 PM	405900.000	125.453	19.678
282.596	41835.480	46568.914	30.541
31.667	23.903	1.021	14.775
1/16/2017 3:00:00 PM	406800.000	125.435	19.679
282.555	41829.035	46561.398	30.535
31.662	23.907	1.021	14.770
1/16/2017 3:15:00 PM	407700.000	125.392	19.680
282.458	41845.242	46578.578	30.548
31.673	23.898	1.021	14.771
1/16/2017 3:30:00 PM	408600.000	125.367	19.682
282.401	41848.770	46580.336	30.549
31.675	23.896	1.021	14.769
1/16/2017 3:45:00 PM	409500.000	125.338	19.681
282.337	41841.156	46572.133	30.543
31.669	23.900	1.021	14.771
1/16/2017 4:00:00 PM	410400.000	125.305	19.682
282.262	41848.641	46580.035	30.549
31.674	23.896	1.021	14.769

1/16/2017 4:15:00 PM	411300.000	125.259	19.681
282.157	41866.340	46600.680	30.564
31.688	23.886	1.021	14.771
1/16/2017 4:30:00 PM	412200.000	125.223	19.684
282.078	41850.848	46580.504	30.549
31.675	23.894	1.021	14.775
1/16/2017 4:45:00 PM	413100.000	125.181	19.683
281.981	41834.363	46563.355	30.537
31.663	23.904	1.021	14.770
1/16/2017 5:00:00 PM	414000.000	125.152	19.682
281.917	41838.094	46567.949	30.540
31.666	23.902	1.021	14.765
1/16/2017 5:15:00 PM	414900.000	125.104	19.682
281.810	41838.316	46568.020	30.540
31.666	23.902	1.021	14.772
1/16/2017 5:30:00 PM	415800.000	125.072	19.686
281.738	41845.250	46572.457	30.544
31.669	23.898	1.021	14.770
1/16/2017 5:45:00 PM	416700.000	125.029	19.685
281.641	41832.320	46558.418	30.533
31.660	23.905	1.021	14.776
1/16/2017 6:00:00 PM	417600.000	124.995	19.683
281.564	41824.125	46551.961	30.528
31.655	23.910	1.021	14.775
1/16/2017 6:15:00 PM	418500.000	124.968	19.685
281.504	41871.328	46602.613	30.566
31.690	23.883	1.021	14.770
1/16/2017 6:30:00 PM	419400.000	124.949	19.682
281.459	41847.625	46578.379	30.548
31.673	23.896	1.021	14.769
1/16/2017 6:45:00 PM	420300.000	124.917	19.683
281.387	41829.563	46558.102	30.533
31.660	23.907	1.021	14.771
1/16/2017 7:00:00 PM	421200.000	124.904	19.681
281.358	41846.688	46578.465	30.548
31.673	23.897	1.021	14.769
1/16/2017 7:15:00 PM	422100.000	124.882	19.682
281.310	41834.566	46564.625	30.538
31.664	23.904	1.021	14.771
1/16/2017 7:30:00 PM	423000.000	124.869	19.683
281.280	41808.137	46533.914	30.515
31.643	23.919	1.021	14.775
1/16/2017 7:45:00 PM	423900.000	124.857	19.682
281.253	41852.137	46584.180	30.552
31.677	23.894	1.021	14.770
1/16/2017 8:00:00 PM	424800.000	124.848	19.681
281.232	41830.766	46561.422	30.535
31.662	23.906	1.021	14.771
1/16/2017 8:15:00 PM	425700.000	124.853	19.679
281.244	41829.887	46561.578	30.535
31.662	23.906	1.021	14.773
1/16/2017 8:30:00 PM	426600.000	124.846	19.680
281.228	41842.164	46574.813	30.545
31.671	23.899	1.021	14.779
1/16/2017 8:45:00 PM	427500.000	124.853	19.684

281.244	41844.852	46573.574	30.544
31.670	23.898	1.021	14.784
1/16/2017 9:00:00 PM	428400.000	124.862	19.683
281.263	41873.738	46606.668	30.569
31.693	23.881	1.021	14.790
1/16/2017 9:15:00 PM	429300.000	124.889	19.682
281.324	41853.254	46585.086	30.553
31.678	23.893	1.021	14.786
1/16/2017 9:30:00 PM	430200.000	124.911	19.682
281.375	41859.121	46591.516	30.557
31.682	23.890	1.021	14.778
1/16/2017 9:45:00 PM	431100.000	124.927	19.683
281.410	41855.207	46586.219	30.554
31.679	23.892	1.021	14.784
1/16/2017 10:00:00 PM	432000.000	124.946	19.681
281.454	41849.563	46581.828	30.550
31.676	23.895	1.021	14.785
1/16/2017 10:15:00 PM	432900.000	124.995	19.681
281.564	41810.625	46538.148	30.518
31.646	23.917	1.021	14.779
1/16/2017 10:30:00 PM	433800.000	125.022	19.681
281.625	41820.867	46549.727	30.527
31.654	23.912	1.021	14.779
1/16/2017 10:45:00 PM	434700.000	125.053	19.681
281.695	41839.883	46570.891	30.542
31.668	23.901	1.021	14.784
1/16/2017 11:00:00 PM	435600.000	125.089	19.682
281.775	41837.164	46567.078	30.540
31.666	23.902	1.021	14.785
1/16/2017 11:15:00 PM	436500.000	125.132	19.679
281.872	41861.531	46597.570	30.562
31.686	23.888	1.021	14.780
1/16/2017 11:30:00 PM	437400.000	125.181	19.678
281.982	41844.395	46579.020	30.548
31.674	23.898	1.021	14.774
1/16/2017 11:45:00 PM	438300.000	125.209	19.680
282.046	41805.172	46533.637	30.515
31.643	23.920	1.021	14.776
1/17/2017 12:00:00 AM	439200.000	125.247	19.679
282.131	41841.582	46575.449	30.545
31.671	23.900	1.021	14.778
1/17/2017 12:15:00 AM	440100.000	125.282	19.683
282.210	41820.559	46547.824	30.525
31.653	23.912	1.021	14.775
1/17/2017 12:30:00 AM	441000.000	125.317	19.679
282.290	41865.160	46601.609	30.565
31.689	23.886	1.021	14.776
1/17/2017 12:45:00 AM	441900.000	125.352	19.679
282.369	41840.531	46573.516	30.544
31.670	23.900	1.021	14.775
1/17/2017 1:00:00 AM	442800.000	125.376	19.681
282.421	41837.238	46568.375	30.540
31.666	23.902	1.021	14.780
1/17/2017 1:15:00 AM	443700.000	125.411	19.681
282.499	41864.676	46598.828	30.563

31.687	23.886	1.021	14.774
1/17/2017 1:30:00 AM	444600.000	125.437	19.681
282.559	41846.695	46578.902	30.548
31.674	23.897	1.021	14.775
1/17/2017 1:45:00 AM	445500.000	125.450	19.678
282.589	41859.078	46595.445	30.560
31.685	23.890	1.021	14.782
1/17/2017 2:00:00 AM	446400.000	125.473	19.678
282.640	41808.078	46538.500	30.518
31.646	23.919	1.021	14.780
1/17/2017 2:15:00 AM	447300.000	125.490	19.680
282.678	41868.004	46603.391	30.566
31.690	23.885	1.021	14.775
1/17/2017 2:30:00 AM	448200.000	125.496	19.679
282.691	41855.297	46590.633	30.557
31.682	23.892	1.021	14.775
1/17/2017 2:45:00 AM	449100.000	125.504	19.680
282.710	41853.148	46587.195	30.554
31.679	23.893	1.021	14.772
1/17/2017 3:00:00 AM	450000.000	125.503	19.680
282.708	41853.637	46587.137	30.554
31.679	23.893	1.021	14.777
1/17/2017 3:15:00 AM	450900.000	125.499	19.682
282.699	41855.242	46587.383	30.554
31.679	23.892	1.021	14.777
1/17/2017 3:30:00 AM	451800.000	125.506	19.683
282.715	41863.910	46595.473	30.560
31.685	23.887	1.021	14.767
1/17/2017 3:45:00 AM	452700.000	125.493	19.681
282.684	41858.398	46591.500	30.557
31.682	23.890	1.021	14.776
1/17/2017 4:00:00 AM	453600.000	125.486	19.684
282.670	41848.215	46577.914	30.548
31.673	23.896	1.021	14.775
1/17/2017 4:15:00 AM	454500.000	125.465	19.683
282.621	41867.566	46600.234	30.564
31.688	23.885	1.021	14.778
1/17/2017 4:30:00 AM	455400.000	125.461	19.680
282.612	41835.219	46566.898	30.539
31.665	23.903	1.021	14.773
1/17/2017 4:45:00 AM	456300.000	125.437	19.678
282.558	41830.445	46563.227	30.537
31.663	23.906	1.021	14.774
1/17/2017 5:00:00 AM	457200.000	125.414	19.678
282.506	41829.477	46562.754	30.536
31.663	23.907	1.021	14.784
1/17/2017 5:15:00 AM	458100.000	125.400	19.685
282.477	41817.254	46542.070	30.521
31.649	23.914	1.021	14.770
1/17/2017 5:30:00 AM	459000.000	125.378	19.684
282.427	41840.465	46568.945	30.541
31.667	23.900	1.021	14.775
1/17/2017 5:45:00 AM	459900.000	125.362	19.678
282.390	41864.246	46600.852	30.564
31.689	23.887	1.021	14.773

1/17/2017 6:00:00 AM	460800.000	125.332	19.683
282.322	41831.152	46559.965	30.534
31.661	23.906	1.021	14.772
1/17/2017 6:15:00 AM	461700.000	125.311	19.682
282.276	41844.352	46575.078	30.545
31.671	23.898	1.021	14.773
1/17/2017 6:30:00 AM	462600.000	125.290	19.683
282.228	41854.828	46585.969	30.553
31.678	23.892	1.021	14.773
1/17/2017 6:45:00 AM	463500.000	125.266	19.682
282.173	41831.758	46561.582	30.535
31.662	23.905	1.021	14.775
1/17/2017 7:00:00 AM	464400.000	125.252	19.682
282.143	41813.012	46540.715	30.520
31.648	23.916	1.021	14.773
1/17/2017 7:15:00 AM	465300.000	125.230	19.680
282.093	41846.402	46579.688	30.549
31.674	23.897	1.021	14.781
1/17/2017 7:30:00 AM	466200.000	125.220	19.679
282.070	41844.008	46577.543	30.547
31.673	23.898	1.021	14.775
1/17/2017 7:45:00 AM	467100.000	125.204	19.681
282.034	41820.336	46549.473	30.527
31.654	23.912	1.021	14.780
1/17/2017 8:00:00 AM	468000.000	125.202	19.681
282.031	41828.016	46558.457	30.533
31.660	23.907	1.021	14.769
1/17/2017 8:15:00 AM	468900.000	125.191	19.680
282.006	41834.434	46566.117	30.539
31.665	23.904	1.021	14.767
1/17/2017 8:30:00 AM	469800.000	125.212	19.681
282.053	41832.082	46562.207	30.536
31.662	23.905	1.021	14.749
1/17/2017 8:45:00 AM	470700.000	125.204	19.682
282.035	41859.840	46592.234	30.558
31.683	23.889	1.021	14.756
1/17/2017 9:00:00 AM	471600.000	125.202	19.681
282.030	41852.559	46585.680	30.553
31.678	23.893	1.021	14.770
1/17/2017 9:15:00 AM	472500.000	125.214	19.682
282.057	41842.219	46572.621	30.544
31.669	23.899	1.021	14.774
1/17/2017 9:30:00 AM	473400.000	125.206	19.683
282.039	41846.281	46576.805	30.547
31.672	23.897	1.021	14.795
1/17/2017 9:45:00 AM	474300.000	125.219	19.682
282.069	41827.320	46556.219	30.532
31.658	23.908	1.021	14.802
1/17/2017 10:00:00 AM	475200.000	125.226	19.681
282.084	41837.805	46569.082	30.541
31.667	23.902	1.021	14.801
1/17/2017 10:15:00 AM	476100.000	125.229	19.680
282.090	41857.656	46591.965	30.558
31.683	23.890	1.021	14.811
1/17/2017 10:30:00 AM	477000.000	125.247	19.679

282.130	41843.949	46577.570	30.547
31.673	23.898	1.021	14.806
1/17/2017 10:45:00 AM	477900.000	125.279	19.677
282.203	41827.191	46560.984	30.535
31.661	23.908	1.021	14.797
1/17/2017 11:00:00 AM	478800.000	125.294	19.680
282.237	41832.180	46563.699	30.537
31.663	23.905	1.021	14.797
1/17/2017 11:15:00 AM	479700.000	125.316	19.683
282.286	41828.852	46556.793	30.532
31.659	23.907	1.021	14.790
1/17/2017 11:30:00 AM	480600.000	125.335	19.684
282.329	41844.660	46573.438	30.544
31.670	23.898	1.021	14.792
1/17/2017 11:45:00 AM	481500.000	125.350	19.683
282.364	41839.223	46568.516	30.541
31.667	23.901	1.021	14.792
1/17/2017 12:00:00 PM	482400.000	125.374	19.681
282.417	41797.215	46524.078	30.508
31.636	23.925	1.021	14.787
1/17/2017 12:15:00 PM	483300.000	125.393	19.681
282.460	41846.492	46578.410	30.548
31.673	23.897	1.021	14.788
1/17/2017 12:30:00 PM	484200.000	125.412	19.681
282.503	41851.113	46583.465	30.551
31.677	23.894	1.021	14.778
1/17/2017 12:45:00 PM	485100.000	125.431	19.680
282.547	41864.332	46599.645	30.563
31.688	23.887	1.021	14.778
1/17/2017 1:00:00 PM	486000.000	125.432	19.682
282.548	41852.418	46583.801	30.552
31.677	23.893	1.021	14.778
1/17/2017 1:15:00 PM	486900.000	125.456	19.679
282.603	41851.676	46585.832	30.553
31.678	23.894	1.021	14.769
1/17/2017 1:30:00 PM	487800.000	125.470	19.678
282.634	41843.055	46577.262	30.547
31.673	23.899	1.021	14.768
1/17/2017 1:45:00 PM	488700.000	125.470	19.682
282.634	41859.910	46592.492	30.558
31.683	23.889	1.021	14.768
1/17/2017 2:00:00 PM	489600.000	125.468	19.682
282.628	41831.020	46560.422	30.535
31.661	23.906	1.021	14.774
1/17/2017 2:15:00 PM	490500.000	125.465	19.682
282.622	41799.324	46524.961	30.509
31.637	23.924	1.021	14.774
1/17/2017 2:30:00 PM	491400.000	125.461	19.682
282.613	41842.414	46573.441	30.544
31.670	23.899	1.021	14.770
1/17/2017 2:45:00 PM	492300.000	125.450	19.679
282.589	41833.789	46566.012	30.539
31.665	23.904	1.021	14.774
1/17/2017 3:00:00 PM	493200.000	125.444	19.681
282.574	41850.734	46583.227	30.551

31.677	23.894	1.021	14.772
1/17/2017 3:15:00 PM	494100.000	125.424	19.682
282.530	41865.270	46598.281	30.562
31.687	23.886	1.021	14.779
1/17/2017 3:30:00 PM	495000.000	125.410	19.682
282.499	41794.887	46519.766	30.505
31.633	23.926	1.021	14.772
1/17/2017 3:45:00 PM	495900.000	125.397	19.682
282.469	41849.410	46581.047	30.550
31.675	23.895	1.021	14.771
1/17/2017 4:00:00 PM	496800.000	125.374	19.680
282.418	41813.148	46542.070	30.521
31.649	23.916	1.021	14.775
1/17/2017 4:15:00 PM	497700.000	125.342	19.680
282.345	41856.480	46590.566	30.557
31.682	23.891	1.021	14.786
1/17/2017 4:30:00 PM	498600.000	125.315	19.679
282.283	41873.133	46609.879	30.571
31.695	23.882	1.021	14.790
1/17/2017 4:45:00 PM	499500.000	125.296	19.679
282.242	41846.879	46581.445	30.550
31.675	23.897	1.021	14.780
1/17/2017 5:00:00 PM	500400.000	125.266	19.679
282.173	41825.918	46557.324	30.532
31.659	23.909	1.021	14.789
1/17/2017 5:15:00 PM	501300.000	125.224	19.681
282.080	41844.168	46576.438	30.546
31.672	23.898	1.021	14.794
1/17/2017 5:30:00 PM	502200.000	125.199	19.684
282.024	41858.488	46588.828	30.556
31.680	23.890	1.021	14.794
1/17/2017 5:45:00 PM	503100.000	125.172	19.682
281.961	41859.258	46591.504	30.557
31.682	23.890	1.021	14.791
1/17/2017 6:00:00 PM	504000.000	125.145	19.683
281.901	41833.879	46563.000	30.537
31.663	23.904	1.021	14.790
1/17/2017 6:15:00 PM	504900.000	125.106	19.680
281.814	41846.508	46579.984	30.549
31.674	23.897	1.021	14.800
1/17/2017 6:30:00 PM	505800.000	125.080	19.680
281.754	41843.926	46576.328	30.546
31.672	23.898	1.021	14.796
1/17/2017 6:45:00 PM	506700.000	125.060	19.681
281.710	41856.195	46589.121	30.556
31.681	23.891	1.021	14.796
1/17/2017 7:00:00 PM	507600.000	125.037	19.682
281.658	41823.371	46551.988	30.528
31.655	23.910	1.021	14.797
1/17/2017 7:15:00 PM	508500.000	125.013	19.683
281.604	41828.742	46556.762	30.532
31.659	23.907	1.021	14.794
1/17/2017 7:30:00 PM	509400.000	124.995	19.683
281.564	41838.816	46568.063	30.540
31.666	23.901	1.021	14.798

1/17/2017 7:45:00 PM	510300.000	124.966	19.680
281.499	41798.969	46526.641	30.510
31.638	23.924	1.021	14.801
1/17/2017 8:00:00 PM	511200.000	124.953	19.681
281.469	41843.910	46575.715	30.546
31.671	23.898	1.021	14.802
1/17/2017 8:15:00 PM	512100.000	124.943	19.680
281.447	41863.355	46597.879	30.562
31.687	23.887	1.021	14.805
1/17/2017 8:30:00 PM	513000.000	124.936	19.681
281.430	41843.375	46575.457	30.546
31.671	23.899	1.021	14.805
1/17/2017 8:45:00 PM	513900.000	124.934	19.682
281.426	41867.730	46601.363	30.565
31.689	23.885	1.021	14.806
1/17/2017 9:00:00 PM	514800.000	124.934	19.684
281.426	41841.371	46569.527	30.541
31.667	23.900	1.021	14.802
1/17/2017 9:15:00 PM	515700.000	124.941	19.685
281.442	41847.309	46575.785	30.546
31.672	23.896	1.021	14.795
1/17/2017 9:30:00 PM	516600.000	124.959	19.681
281.482	41871.891	46606.340	30.568
31.692	23.882	1.021	14.794
1/17/2017 9:45:00 PM	517500.000	124.971	19.679
281.510	41836.656	46569.203	30.541
31.667	23.902	1.021	14.790
1/17/2017 10:00:00 PM	518400.000	124.984	19.681
281.539	41845.621	46577.781	30.547
31.673	23.897	1.021	14.790
1/17/2017 10:15:00 PM	519300.000	125.003	19.680
281.581	41835.676	46567.406	30.540
31.666	23.903	1.021	14.788
1/17/2017 10:30:00 PM	520200.000	125.015	19.680
281.608	41858.266	46592.379	30.558
31.683	23.890	1.021	14.795
1/17/2017 10:45:00 PM	521100.000	125.047	19.679
281.680	41850.496	46585.469	30.553
31.678	23.895	1.021	14.794
1/17/2017 11:00:00 PM	522000.000	125.085	19.678
281.767	41855.043	46590.953	30.557
31.682	23.892	1.021	14.787
1/17/2017 11:15:00 PM	522900.000	125.096	19.680
281.791	41836.848	46569.148	30.541
31.667	23.902	1.021	14.797
1/17/2017 11:30:00 PM	523800.000	125.129	19.677
281.864	41856.469	46593.750	30.559
31.684	23.891	1.021	14.792
1/17/2017 11:45:00 PM	524700.000	125.165	19.679
281.947	41844.758	46578.637	30.548
31.673	23.898	1.021	14.790
1/18/2017 12:00:00 AM	525600.000	125.209	19.679
282.046	41855.695	46591.258	30.557
31.682	23.892	1.021	14.777
1/18/2017 12:15:00 AM	526500.000	125.243	19.678

282.122	41842.324	46577.316	30.547
31.673	23.899	1.021	14.783
1/18/2017 12:30:00 AM	527400.000	125.273	19.679
282.190	41826.035	46558.242	30.533
31.660	23.909	1.021	14.775
1/18/2017 12:45:00 AM	528300.000	125.303	19.678
282.258	41832.879	46566.621	30.539
31.665	23.905	1.021	14.779
1/18/2017 1:00:00 AM	529200.000	125.335	19.678
282.330	41836.961	46570.563	30.542
31.668	23.902	1.021	14.775
1/18/2017 1:15:00 AM	530100.000	125.370	19.678
282.407	41838.027	46572.094	30.543
31.669	23.902	1.021	14.775
1/18/2017 1:30:00 AM	531000.000	125.396	19.675
282.468	41863.617	46603.180	30.566
31.690	23.887	1.021	14.784
1/18/2017 1:45:00 AM	531900.000	125.414	19.677
282.506	41829.707	46564.133	30.537
31.664	23.906	1.021	14.792
1/18/2017 2:00:00 AM	532800.000	125.448	19.679
282.583	41833.074	46565.465	30.538
31.665	23.905	1.021	14.784
1/18/2017 2:15:00 AM	533700.000	125.469	19.679
282.632	41822.145	46553.730	30.530
31.657	23.911	1.021	14.788
1/18/2017 2:30:00 AM	534600.000	125.482	19.680
282.661	41838.359	46570.652	30.542
31.668	23.902	1.021	14.791
1/18/2017 2:45:00 AM	535500.000	125.498	19.678
282.696	41803.359	46533.598	30.515
31.643	23.922	1.021	14.789
1/18/2017 3:00:00 AM	536400.000	125.505	19.678
282.712	41845.984	46581.207	30.550
31.675	23.897	1.021	14.782
1/18/2017 3:15:00 AM	537300.000	125.529	19.678
282.766	41843.648	46578.188	30.547
31.673	23.898	1.021	14.783
1/18/2017 3:30:00 AM	538200.000	125.525	19.681
282.758	41853.723	46586.637	30.554
31.679	23.893	1.021	14.785
1/18/2017 3:45:00 AM	539100.000	125.538	19.681
282.787	41833.871	46564.977	30.538
31.664	23.904	1.021	14.783
1/18/2017 4:00:00 AM	540000.000	125.543	19.678
282.798	41874.832	46613.156	30.573
31.697	23.881	1.021	14.777
1/18/2017 4:15:00 AM	540900.000	125.530	19.676
282.769	41829.293	46564.359	30.537
31.664	23.907	1.021	14.785
1/18/2017 4:30:00 AM	541800.000	125.524	19.676
282.754	41867.441	46606.660	30.568
31.693	23.885	1.021	14.784
1/18/2017 4:45:00 AM	542700.000	125.505	19.678
282.712	41859.430	46596.270	30.561

31.685	23.889	1.021	14.786
1/18/2017 5:00:00 AM	543600.000	125.499	19.677
282.700	41862.512	46599.961	30.563
31.688	23.888	1.021	14.785
1/18/2017 5:15:00 AM	544500.000	125.491	19.680
282.681	41838.211	46570.570	30.542
31.668	23.902	1.021	14.779
1/18/2017 5:30:00 AM	545400.000	125.468	19.678
282.629	41846.590	46581.977	30.550
31.676	23.897	1.021	14.778
1/18/2017 5:45:00 AM	546300.000	125.464	19.678
282.621	41851.406	46587.336	30.554
31.679	23.894	1.021	14.768
1/18/2017 6:00:00 AM	547200.000	125.437	19.677
282.560	41807.051	46538.309	30.518
31.646	23.919	1.021	14.779
1/18/2017 6:15:00 AM	548100.000	125.417	19.679
282.514	41854.152	46589.094	30.555
31.681	23.892	1.021	14.785
1/18/2017 6:30:00 AM	549000.000	125.377	19.679
282.423	41833.109	46565.254	30.538
31.664	23.905	1.021	14.789
1/18/2017 6:45:00 AM	549900.000	125.358	19.682
282.381	41842.512	46573.367	30.544
31.670	23.899	1.021	14.788
1/18/2017 7:00:00 AM	550800.000	125.347	19.682
282.357	41824.211	46552.402	30.529
31.656	23.910	1.021	14.770
1/18/2017 7:15:00 AM	551700.000	125.325	19.681
282.306	41821.133	46550.277	30.527
31.654	23.911	1.021	14.773
1/18/2017 7:30:00 AM	552600.000	125.300	19.681
282.251	41834.504	46565.242	30.538
31.664	23.904	1.021	14.776
1/18/2017 7:45:00 AM	553500.000	125.279	19.681
282.204	41840.281	46571.676	30.543
31.669	23.900	1.021	14.764
1/18/2017 8:00:00 AM	554400.000	125.271	19.680
282.185	41831.203	46562.609	30.536
31.663	23.906	1.021	14.758
1/18/2017 8:15:00 AM	555300.000	125.262	19.681
282.165	41853.863	46587.047	30.554
31.679	23.893	1.021	14.759
1/18/2017 8:30:00 AM	556200.000	125.241	19.681
282.118	41835.402	46566.680	30.539
31.665	23.903	1.021	14.755
1/18/2017 8:45:00 AM	557100.000	125.241	19.680
282.117	41850.684	46584.453	30.552
31.677	23.894	1.021	14.746
1/18/2017 9:00:00 AM	558000.000	125.237	19.680
282.108	41848.148	46581.207	30.550
31.675	23.896	1.021	14.741
1/18/2017 9:15:00 AM	558900.000	125.218	19.680
282.067	41839.426	46571.406	30.543
31.669	23.901	1.021	14.745

1/18/2017 9:30:00 AM	559800.000	125.220	19.680
282.071	41871.840	46607.488	30.569
31.693	23.882	1.021	14.738
1/18/2017 9:45:00 AM	560700.000	125.214	19.679
282.057	41834.305	46567.180	30.539
31.666	23.904	1.021	14.742
1/18/2017 10:00:00 AM	561600.000	125.215	19.681
282.058	41858.250	46591.242	30.557
31.682	23.890	1.021	14.742
1/18/2017 10:15:00 AM	562500.000	125.196	19.681
282.016	41888.629	46625.223	30.582
31.705	23.873	1.021	14.772
1/18/2017 10:30:00 AM	563400.000	125.234	19.682
282.102	41862.656	46595.973	30.561
31.685	23.888	1.021	14.777
1/18/2017 10:45:00 AM	564300.000	125.205	19.681
282.037	41828.238	46558.004	30.533
31.659	23.907	1.021	14.783
1/18/2017 11:00:00 AM	565200.000	125.210	19.682
282.049	41837.262	46567.188	30.540
31.666	23.902	1.021	14.776
1/18/2017 11:15:00 AM	566100.000	125.220	19.680
282.070	41861.082	46596.125	30.561
31.685	23.889	1.021	14.772
1/18/2017 11:30:00 AM	567000.000	125.227	19.680
282.087	41832.871	46564.809	30.538
31.664	23.905	1.021	14.773
1/18/2017 11:45:00 AM	567900.000	125.240	19.679
282.115	41881.047	46618.773	30.577
31.701	23.877	1.021	14.771
1/18/2017 12:00:00 PM	568800.000	125.263	19.679
282.166	41843.520	46576.844	30.547
31.672	23.899	1.021	14.760
1/18/2017 12:15:00 PM	569700.000	125.257	19.683
282.153	41837.262	46566.766	30.539
31.665	23.902	1.021	14.761
1/18/2017 12:30:00 PM	570600.000	125.277	19.680
282.199	41833.746	46564.918	30.538
31.664	23.904	1.021	14.746
1/18/2017 12:45:00 PM	571500.000	125.297	19.681
282.244	41823.121	46552.738	30.529
31.656	23.910	1.021	14.743
1/18/2017 1:00:00 PM	572400.000	125.314	19.680
282.283	41812.008	46541.582	30.521
31.648	23.917	1.021	14.740
1/18/2017 1:15:00 PM	573300.000	125.327	19.681
282.311	41843.254	46574.898	30.545
31.671	23.899	1.021	14.730
1/18/2017 1:30:00 PM	574200.000	125.352	19.681
282.368	41845.129	46577.160	30.547
31.672	23.898	1.021	14.725
1/18/2017 1:45:00 PM	575100.000	125.362	19.684
282.390	41841.965	46570.188	30.542
31.668	23.899	1.021	14.723
1/18/2017 2:00:00 PM	576000.000	125.378	19.683

282.426	41872.141	46604.891	30.567
31.691	23.882	1.021	14.714
1/18/2017 2:15:00 PM	576900.000	125.394	19.681
282.462	41840.777	46572.051	30.543
31.669	23.900	1.021	14.706
1/18/2017 2:30:00 PM	577800.000	125.395	19.681
282.464	41858.746	46592.566	30.558
31.683	23.890	1.021	14.700
1/18/2017 2:45:00 PM	578700.000	125.416	19.682
282.511	41840.066	46570.648	30.542
31.668	23.901	1.021	14.690
1/18/2017 3:00:00 PM	579600.000	125.419	19.682
282.518	41864.559	46597.227	30.562
31.686	23.887	1.021	14.676
1/18/2017 3:15:00 PM	580500.000	125.426	19.681
282.534	41878.824	46614.664	30.574
31.698	23.878	1.021	14.673
1/18/2017 3:30:00 PM	581400.000	125.424	19.679
282.531	41849.984	46583.949	30.552
31.677	23.895	1.021	14.667
1/18/2017 3:45:00 PM	582300.000	125.422	19.681
282.525	41816.602	46544.883	30.523
31.651	23.914	1.021	14.672
1/18/2017 4:00:00 PM	583200.000	125.419	19.680
282.518	41862.539	46597.832	30.562
31.687	23.888	1.021	14.672
1/18/2017 4:15:00 PM	584100.000	125.415	19.678
282.509	41847.184	46582.637	30.551
31.676	23.896	1.021	14.660
1/18/2017 4:30:00 PM	585000.000	125.420	19.679
282.520	41855.234	46590.039	30.556
31.681	23.892	1.021	14.654
1/18/2017 4:45:00 PM	585900.000	125.400	19.681
282.475	41834.969	46565.762	30.539
31.665	23.903	1.021	14.657
1/18/2017 5:00:00 PM	586800.000	125.390	19.684
282.452	41876.766	46609.352	30.571
31.694	23.880	1.021	14.647
1/18/2017 5:15:00 PM	587700.000	125.382	19.681
282.436	41854.551	46587.293	30.554
31.679	23.892	1.021	14.638
1/18/2017 5:30:00 PM	588600.000	125.361	19.683
282.388	41845.348	46575.070	30.545
31.671	23.898	1.021	14.635
1/18/2017 5:45:00 PM	589500.000	125.349	19.682
282.360	41840.355	46570.547	30.542
31.668	23.900	1.021	14.632
1/18/2017 6:00:00 PM	590400.000	125.327	19.683
282.312	41865.844	46598.055	30.562
31.687	23.886	1.021	14.630
1/18/2017 6:15:00 PM	591300.000	125.314	19.685
282.281	41842.844	46570.555	30.542
31.668	23.899	1.021	14.622
1/18/2017 6:30:00 PM	592200.000	125.286	19.684
282.219	41854.125	46583.629	30.552

31.677	23.893	1.021	14.629
1/18/2017 6:45:00 PM	593100.000	125.275	19.683
282.193	41838.602	46568.258	30.540
31.666	23.901	1.021	14.627
1/18/2017 7:00:00 PM	594000.000	125.243	19.683
282.122	41839.113	46568.645	30.541
31.667	23.901	1.021	14.631
1/18/2017 7:15:00 PM	594900.000	125.225	19.683
282.081	41838.195	46567.547	30.540
31.666	23.902	1.021	14.629
1/18/2017 7:30:00 PM	595800.000	125.205	19.683
282.036	41836.086	46565.109	30.538
31.664	23.903	1.021	14.635
1/18/2017 7:45:00 PM	596700.000	125.193	19.680
282.009	41859.461	46594.223	30.559
31.684	23.889	1.021	14.637
1/18/2017 8:00:00 PM	597600.000	125.173	19.680
281.965	41831.758	46562.961	30.536
31.663	23.905	1.021	14.639
1/18/2017 8:15:00 PM	598500.000	125.162	19.679
281.939	41843.211	46576.574	30.546
31.672	23.899	1.021	14.640
1/18/2017 8:30:00 PM	599400.000	125.153	19.679
281.920	41838.348	46571.684	30.543
31.669	23.902	1.021	14.641
1/18/2017 8:45:00 PM	600300.000	125.145	19.681
281.901	41821.043	46550.516	30.527
31.654	23.911	1.021	14.645
1/18/2017 9:00:00 PM	601200.000	125.128	19.682
281.864	41828.230	46557.570	30.533
31.659	23.907	1.021	14.653
1/18/2017 9:15:00 PM	602100.000	125.134	19.678
281.877	41835.234	46568.555	30.540
31.667	23.903	1.021	14.646
1/18/2017 9:30:00 PM	603000.000	125.146	19.679
281.904	41848.059	46582.660	30.551
31.676	23.896	1.021	14.647
1/18/2017 9:45:00 PM	603900.000	125.142	19.680
281.896	41826.641	46557.266	30.532
31.659	23.908	1.021	14.649
1/18/2017 10:00:00 PM	604800.000	125.132	19.681
281.873	41842.680	46574.262	30.545
31.670	23.899	1.021	14.658
1/18/2017 10:15:00 PM	605700.000	125.147	19.682
281.906	41837.016	46567.176	30.540
31.666	23.902	1.021	14.657
1/18/2017 10:30:00 PM	606600.000	125.159	19.683
281.934	41830.809	46559.582	30.534
31.661	23.906	1.021	14.660
1/18/2017 10:45:00 PM	607500.000	125.166	19.684
281.949	41860.473	46591.480	30.557
31.682	23.889	1.021	14.655
1/18/2017 11:00:00 PM	608400.000	125.180	19.683
281.981	41817.441	46544.355	30.523
31.650	23.913	1.021	14.656

1/18/2017 11:15:00 PM	609300.000	125.195	19.681
282.015	41860.539	46593.957	30.559
31.684	23.889	1.021	14.665
1/18/2017 11:30:00 PM	610200.000	125.229	19.680
282.091	41840.703	46573.344	30.544
31.670	23.900	1.021	14.657
1/18/2017 11:45:00 PM	611100.000	125.245	19.678
282.128	41834.137	46567.336	30.540
31.666	23.904	1.021	14.670

Report Date: 1/20/2017 8:28:02 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_2017-01-19_10-03-13-611.wsl
Create Date: 1/19/2017 10:03:01 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
1/19/2017 10:02:47 AM	Log Download - Used Battery: 36% Used Memory: 85% User Name: EHernandez Interval - Start
Time: 1/11/2017 10:00:00 PM	Stop Time: 1/19/2017 11:00:00 AM

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
Elapsed Time		SN#: 395601	SN#: 395601
SN#: 395601		SN#: 395601	SN#: 395601
SN#: 395601		SN#: 395601	SN#: 395601
Date and Time	Seconds	Pressure (PSI)	Temperature (C)
Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)	Salinity (PSU)
Dissolved Solids (ppt)		Resistivity (ohm-cm)	Water Density (g/cm3)
1/12/2017 12:00:00 AM	7200.000	66.043	17.074
148.769	34430.008	40572.113	26.093
27.589	29.044	1.019	
1/12/2017 12:15:00 AM	8100.000	66.039	17.074
148.759	34437.582	40580.637	26.099
27.595	29.038	1.019	
1/12/2017 12:30:00 AM	9000.000	66.040	17.074
148.762	34480.777	40632.262	26.135
27.630	29.002	1.019	
1/12/2017 12:45:00 AM	9900.000	66.035	17.074
148.750	34442.840	40587.000	26.103
27.599	29.034	1.019	
1/12/2017 1:00:00 AM	10800.000	66.034	17.074
148.749	34447.129	40592.055	26.107
27.603	29.030	1.019	
1/12/2017 1:15:00 AM	11700.000	66.030	17.074
148.740	34426.664	40568.570	26.090
27.587	29.047	1.019	
1/12/2017 1:30:00 AM	12600.000	66.025	17.074
148.728	34428.484	40569.996	26.091
27.588	29.046	1.019	
1/12/2017 1:45:00 AM	13500.000	66.023	17.074
148.724	34461.016	40608.652	26.119
27.614	29.018	1.019	
1/12/2017 2:00:00 AM	14400.000	66.016	17.074
148.707	34415.215	40554.598	26.080
27.577	29.057	1.019	
1/12/2017 2:15:00 AM	15300.000	66.016	17.074
148.709	34431.328	40573.508	26.094
27.590	29.043	1.019	
1/12/2017 2:30:00 AM	16200.000	66.015	17.074
148.705	34466.266	40614.605	26.123
27.618	29.014	1.019	

1/12/2017 2:45:00 AM	17100.000	66.009	17.074
148.692	34420.730	40560.777	26.084
27.581	29.052	1.019	
1/12/2017 3:00:00 AM	18000.000	66.004	17.074
148.680	34457.598	40604.465	26.116
27.611	29.021	1.019	
1/12/2017 3:15:00 AM	18900.000	66.006	17.075
148.685	34470.844	40619.508	26.126
27.621	29.010	1.019	
1/12/2017 3:30:00 AM	19800.000	66.007	17.074
148.688	34467.699	40616.445	26.124
27.619	29.013	1.019	
1/12/2017 3:45:00 AM	20700.000	66.006	17.074
148.686	34445.363	40589.887	26.105
27.601	29.031	1.019	
1/12/2017 4:00:00 AM	21600.000	66.001	17.074
148.674	34464.590	40612.703	26.121
27.617	29.015	1.019	
1/12/2017 4:15:00 AM	22500.000	66.001	17.074
148.674	34452.184	40598.008	26.111
27.607	29.026	1.019	
1/12/2017 4:30:00 AM	23400.000	66.000	17.075
148.671	34449.762	40594.582	26.109
27.604	29.028	1.019	
1/12/2017 4:45:00 AM	24300.000	66.003	17.074
148.678	34452.113	40597.758	26.111
27.606	29.026	1.019	
1/12/2017 5:00:00 AM	25200.000	66.004	17.074
148.680	34453.723	40599.898	26.112
27.608	29.024	1.019	
1/12/2017 5:15:00 AM	26100.000	66.004	17.074
148.681	34456.852	40603.828	26.115
27.611	29.022	1.019	
1/12/2017 5:30:00 AM	27000.000	66.011	17.074
148.696	34450.219	40596.012	26.110
27.605	29.027	1.019	
1/12/2017 5:45:00 AM	27900.000	66.007	17.074
148.688	34417.699	40557.375	26.082
27.579	29.055	1.019	
1/12/2017 6:00:00 AM	28800.000	66.012	17.074
148.697	34432.828	40575.035	26.095
27.591	29.042	1.019	
1/12/2017 6:15:00 AM	29700.000	66.019	17.074
148.714	34452.820	40599.078	26.112
27.607	29.025	1.019	
1/12/2017 6:30:00 AM	30600.000	66.018	17.074
148.711	34427.898	40569.223	26.090
27.587	29.046	1.019	
1/12/2017 6:45:00 AM	31500.000	66.021	17.074
148.719	34463.813	40611.629	26.121
27.616	29.016	1.019	
1/12/2017 7:00:00 AM	32400.000	66.030	17.074
148.739	34449.859	40595.184	26.109
27.605	29.028	1.019	
1/12/2017 7:15:00 AM	33300.000	66.033	17.074
148.747	34436.387	40579.227	26.098

27.594	29.039	1.019	
1/12/2017 7:30:00 AM	34200.000	66.040	17.074
148.763	34425.535	40566.438	26.089
27.585	29.048	1.019	
1/12/2017 7:45:00 AM	35100.000	66.037	17.074
148.754	34462.215	40610.227	26.120
27.615	29.017	1.019	
1/12/2017 8:00:00 AM	36000.000	66.044	17.075
148.770	34452.723	40597.910	26.111
27.607	29.025	1.019	
1/12/2017 8:15:00 AM	36900.000	66.051	17.075
148.786	34482.555	40633.469	26.136
27.631	29.000	1.019	
1/12/2017 8:30:00 AM	37800.000	66.060	17.075
148.806	34453.238	40598.922	26.112
27.607	29.025	1.019	
1/12/2017 8:45:00 AM	38700.000	66.060	17.075
148.806	34479.719	40630.043	26.134
27.628	29.003	1.019	
1/12/2017 9:00:00 AM	39600.000	66.064	17.074
148.817	34453.328	40599.359	26.112
27.608	29.025	1.019	
1/12/2017 9:15:00 AM	40500.000	66.067	17.075
148.822	34474.602	40623.938	26.129
27.624	29.007	1.019	
1/12/2017 9:30:00 AM	41400.000	66.072	17.075
148.835	34467.746	40615.371	26.123
27.618	29.013	1.019	
1/12/2017 9:45:00 AM	42300.000	66.076	17.075
148.843	34437.711	40580.465	26.099
27.595	29.038	1.019	
1/12/2017 10:00:00 AM	43200.000	66.074	17.075
148.839	34478.629	40628.527	26.133
27.627	29.003	1.019	
1/12/2017 10:15:00 AM	44100.000	66.077	17.075
148.845	34464.113	40611.090	26.120
27.616	29.016	1.019	
1/12/2017 10:30:00 AM	45000.000	66.084	17.076
148.861	34468.441	40615.953	26.124
27.619	29.012	1.019	
1/12/2017 10:45:00 AM	45900.000	66.079	17.075
148.849	34468.895	40616.645	26.124
27.619	29.012	1.019	
1/12/2017 11:00:00 AM	46800.000	66.081	17.076
148.854	34482.438	40632.277	26.135
27.630	29.000	1.019	
1/12/2017 11:15:00 AM	47700.000	66.079	17.076
148.850	34450.633	40594.801	26.109
27.604	29.027	1.019	
1/12/2017 11:30:00 AM	48600.000	66.077	17.075
148.845	34463.414	40610.188	26.120
27.615	29.016	1.019	
1/12/2017 11:45:00 AM	49500.000	66.071	17.076
148.832	34473.426	40621.266	26.128
27.622	29.008	1.019	
1/12/2017 12:00:00 PM	50400.000	66.065	17.076

148.818	34483.371	40633.469	26.136
27.631	28.999	1.019	
1/12/2017 12:15:00 PM	51300.000	66.063	17.076
148.813	34463.980	40610.375	26.120
27.615	29.016	1.019	
1/12/2017 12:30:00 PM	52200.000	66.053	17.076
148.791	34460.699	40606.512	26.117
27.612	29.019	1.019	
1/12/2017 12:45:00 PM	53100.000	66.048	17.076
148.781	34489.520	40640.555	26.141
27.636	28.994	1.019	
1/12/2017 1:00:00 PM	54000.000	66.041	17.076
148.765	34478.871	40627.922	26.132
27.627	29.003	1.019	
1/12/2017 1:15:00 PM	54900.000	66.036	17.076
148.753	34488.180	40638.652	26.140
27.634	28.995	1.019	
1/12/2017 1:30:00 PM	55800.000	66.019	17.076
148.715	34477.488	40626.445	26.131
27.626	29.004	1.019	
1/12/2017 1:45:00 PM	56700.000	66.012	17.076
148.699	34475.570	40624.188	26.130
27.624	29.006	1.019	
1/12/2017 2:00:00 PM	57600.000	66.007	17.076
148.687	34475.223	40623.547	26.129
27.624	29.006	1.019	
1/12/2017 2:15:00 PM	58500.000	65.995	17.076
148.661	34461.738	40607.574	26.118
27.613	29.018	1.019	
1/12/2017 2:30:00 PM	59400.000	65.983	17.076
148.633	34465.180	40611.871	26.121
27.616	29.015	1.019	
1/12/2017 2:45:00 PM	60300.000	65.972	17.076
148.608	34518.859	40675.125	26.166
27.659	28.970	1.019	
1/12/2017 3:00:00 PM	61200.000	65.962	17.076
148.586	34494.035	40645.715	26.145
27.639	28.991	1.019	
1/12/2017 3:15:00 PM	62100.000	65.956	17.076
148.572	34492.691	40644.363	26.144
27.638	28.992	1.019	
1/12/2017 3:30:00 PM	63000.000	65.947	17.076
148.552	34489.215	40640.266	26.141
27.635	28.995	1.019	
1/12/2017 3:45:00 PM	63900.000	65.949	17.075
148.556	34461.621	40608.152	26.118
27.614	29.018	1.019	
1/12/2017 4:00:00 PM	64800.000	65.926	17.076
148.504	34492.012	40643.727	26.144
27.638	28.992	1.019	
1/12/2017 4:15:00 PM	65700.000	65.918	17.076
148.486	34495.891	40647.977	26.147
27.641	28.989	1.019	
1/12/2017 4:30:00 PM	66600.000	65.915	17.076
148.480	34497.984	40650.367	26.148
27.642	28.987	1.019	

1/12/2017 4:45:00 PM	67500.000	65.905	17.076
148.458	34485.418	40635.637	26.138
27.632	28.998	1.019	
1/12/2017 5:00:00 PM	68400.000	65.903	17.076
148.453	34469.754	40616.941	26.125
27.620	29.011	1.019	
1/12/2017 5:15:00 PM	69300.000	65.901	17.077
148.447	34478.184	40626.477	26.131
27.626	29.004	1.019	
1/12/2017 5:30:00 PM	70200.000	65.889	17.076
148.422	34470.641	40618.148	26.125
27.620	29.010	1.019	
1/12/2017 5:45:00 PM	71100.000	65.888	17.076
148.419	34469.164	40616.566	26.124
27.619	29.011	1.019	
1/12/2017 6:00:00 PM	72000.000	65.888	17.076
148.419	34480.090	40629.602	26.134
27.628	29.002	1.019	
1/12/2017 6:15:00 PM	72900.000	65.886	17.075
148.414	34485.008	40635.559	26.138
27.632	28.998	1.019	
1/12/2017 6:30:00 PM	73800.000	65.885	17.076
148.413	34493.297	40645.242	26.145
27.639	28.991	1.019	
1/12/2017 6:45:00 PM	74700.000	65.882	17.076
148.405	34481.074	40630.359	26.134
27.629	29.001	1.019	
1/12/2017 7:00:00 PM	75600.000	65.886	17.076
148.414	34486.641	40637.000	26.139
27.633	28.997	1.019	
1/12/2017 7:15:00 PM	76500.000	65.888	17.076
148.418	34483.285	40633.277	26.136
27.631	29.000	1.019	
1/12/2017 7:30:00 PM	77400.000	65.888	17.076
148.420	34460.973	40606.984	26.117
27.613	29.018	1.019	
1/12/2017 7:45:00 PM	78300.000	65.892	17.075
148.427	34515.637	40671.887	26.164
27.657	28.972	1.019	
1/12/2017 8:00:00 PM	79200.000	65.896	17.075
148.437	34472.148	40620.406	26.127
27.622	29.009	1.019	
1/12/2017 8:15:00 PM	80100.000	65.898	17.076
148.441	34466.668	40613.785	26.122
27.617	29.014	1.019	
1/12/2017 8:30:00 PM	81000.000	65.905	17.075
148.457	34465.273	40612.305	26.121
27.616	29.015	1.019	
1/12/2017 8:45:00 PM	81900.000	65.911	17.076
148.471	34487.617	40637.988	26.140
27.634	28.996	1.019	
1/12/2017 9:00:00 PM	82800.000	65.911	17.076
148.471	34443.195	40585.969	26.102
27.598	29.033	1.019	
1/12/2017 9:15:00 PM	83700.000	65.922	17.076
148.495	34489.949	40640.977	26.142

27.636	28.994	1.019	
1/12/2017 9:30:00 PM	84600.000	65.924	17.076
148.501	34487.113	40637.719	26.139
27.634	28.996	1.019	
1/12/2017 9:45:00 PM	85500.000	65.928	17.076
148.509	34490.434	40641.547	26.142
27.636	28.994	1.019	
1/12/2017 10:00:00 PM	86400.000	65.935	17.075
148.526	34455.590	40600.895	26.113
27.609	29.023	1.019	
1/12/2017 10:15:00 PM	87300.000	65.952	17.076
148.564	34481.875	40631.547	26.135
27.629	29.001	1.019	
1/12/2017 10:30:00 PM	88200.000	65.946	17.076
148.549	34504.617	40658.414	26.154
27.648	28.982	1.019	
1/12/2017 10:45:00 PM	89100.000	65.947	17.076
148.553	34444.852	40588.078	26.104
27.600	29.032	1.019	
1/12/2017 11:00:00 PM	90000.000	65.956	17.075
148.572	34476.313	40625.313	26.130
27.625	29.005	1.019	
1/12/2017 11:15:00 PM	90900.000	65.961	17.076
148.583	34465.277	40612.223	26.121
27.616	29.015	1.019	
1/12/2017 11:30:00 PM	91800.000	65.957	17.076
148.574	34483.980	40634.098	26.137
27.631	28.999	1.019	
1/12/2017 11:45:00 PM	92700.000	65.966	17.076
148.596	34470.336	40617.949	26.125
27.620	29.010	1.019	
1/13/2017 12:00:00 AM	93600.000	65.966	17.075
148.594	34499.844	40653.355	26.150
27.644	28.986	1.019	
1/13/2017 12:15:00 AM	94500.000	65.962	17.075
148.586	34472.930	40621.477	26.128
27.623	29.008	1.019	
1/13/2017 12:30:00 AM	95400.000	65.962	17.075
148.585	34461.734	40608.449	26.118
27.614	29.018	1.019	
1/13/2017 12:45:00 AM	96300.000	65.965	17.076
148.592	34456.668	40602.004	26.114
27.609	29.022	1.019	
1/13/2017 1:00:00 AM	97200.000	65.971	17.076
148.605	34488.355	40639.254	26.140
27.635	28.995	1.019	
1/13/2017 1:15:00 AM	98100.000	65.962	17.076
148.585	34470.926	40618.402	26.126
27.621	29.010	1.019	
1/13/2017 1:30:00 AM	99000.000	65.961	17.075
148.584	34457.219	40602.887	26.115
27.610	29.021	1.019	
1/13/2017 1:45:00 AM	99900.000	65.955	17.076
148.571	34478.512	40627.742	26.132
27.627	29.004	1.019	
1/13/2017 2:00:00 AM	100800.000	65.956	17.075

148.573	34449.090	40593.234	26.108
27.603	29.028	1.019	
1/13/2017 2:15:00 AM	101700.000	65.949	17.076
148.556	34474.871	40623.211	26.129
27.624	29.007	1.019	
1/13/2017 2:30:00 AM	102600.000	65.950	17.076
148.559	34479.500	40628.906	26.133
27.628	29.003	1.019	
1/13/2017 2:45:00 AM	103500.000	65.945	17.076
148.547	34448.035	40591.672	26.107
27.602	29.029	1.019	
1/13/2017 3:00:00 AM	104400.000	65.942	17.076
148.540	34489.793	40641.113	26.142
27.636	28.994	1.019	
1/13/2017 3:15:00 AM	105300.000	65.938	17.076
148.533	34464.242	40610.926	26.120
27.615	29.016	1.019	
1/13/2017 3:30:00 AM	106200.000	65.935	17.076
148.525	34434.535	40575.680	26.095
27.591	29.041	1.019	
1/13/2017 3:45:00 AM	107100.000	65.933	17.076
148.521	34439.375	40581.465	26.099
27.595	29.037	1.019	
1/13/2017 4:00:00 AM	108000.000	65.935	17.076
148.526	34461.230	40606.977	26.117
27.613	29.018	1.019	
1/13/2017 4:15:00 AM	108900.000	65.933	17.076
148.521	34462.273	40608.449	26.118
27.614	29.017	1.019	
1/13/2017 4:30:00 AM	109800.000	65.929	17.076
148.512	34488.133	40638.836	26.140
27.634	28.995	1.019	
1/13/2017 4:45:00 AM	110700.000	65.928	17.076
148.510	34470.063	40617.625	26.125
27.620	29.011	1.019	
1/13/2017 5:00:00 AM	111600.000	65.926	17.076
148.504	34461.730	40608.043	26.118
27.613	29.018	1.019	
1/13/2017 5:15:00 AM	112500.000	65.927	17.076
148.508	34488.793	40639.613	26.141
27.635	28.995	1.019	
1/13/2017 5:30:00 AM	113400.000	65.927	17.076
148.508	34456.586	40601.664	26.114
27.609	29.022	1.019	
1/13/2017 5:45:00 AM	114300.000	65.924	17.075
148.499	34457.730	40603.492	26.115
27.610	29.021	1.019	
1/13/2017 6:00:00 AM	115200.000	65.932	17.077
148.518	34447.063	40589.645	26.105
27.601	29.030	1.019	
1/13/2017 6:15:00 AM	116100.000	65.944	17.076
148.545	34483.184	40633.004	26.136
27.630	29.000	1.019	
1/13/2017 6:30:00 AM	117000.000	65.931	17.076
148.517	34442.328	40584.863	26.102
27.598	29.034	1.019	

1/13/2017 6:45:00 AM	117900.000	65.933	17.075
148.520	34506.777	40661.363	26.156
27.650	28.980	1.019	
1/13/2017 7:00:00 AM	118800.000	65.938	17.076
148.533	34508.461	40663.031	26.157
27.651	28.978	1.019	
1/13/2017 7:15:00 AM	119700.000	65.945	17.076
148.547	34440.391	40582.734	26.100
27.596	29.036	1.019	
1/13/2017 7:30:00 AM	120600.000	65.947	17.076
148.553	34475.516	40623.891	26.129
27.624	29.006	1.019	
1/13/2017 7:45:00 AM	121500.000	65.951	17.076
148.561	34507.883	40661.633	26.156
27.650	28.979	1.019	
1/13/2017 8:00:00 AM	122400.000	65.960	17.076
148.582	34476.094	40624.246	26.130
27.624	29.006	1.019	
1/13/2017 8:15:00 AM	123300.000	65.960	17.076
148.580	34495.871	40648.195	26.147
27.641	28.989	1.019	
1/13/2017 8:30:00 AM	124200.000	65.966	17.076
148.594	34455.730	40600.656	26.113
27.608	29.023	1.019	
1/13/2017 8:45:00 AM	125100.000	65.970	17.075
148.604	34472.934	40621.332	26.128
27.623	29.008	1.019	
1/13/2017 9:00:00 AM	126000.000	65.974	17.076
148.614	34495.195	40646.836	26.146
27.640	28.990	1.019	
1/13/2017 9:15:00 AM	126900.000	65.977	17.076
148.620	34491.777	40643.055	26.143
27.637	28.992	1.019	
1/13/2017 9:30:00 AM	127800.000	65.988	17.076
148.645	34464.367	40610.426	26.120
27.615	29.015	1.019	
1/13/2017 9:45:00 AM	128700.000	65.989	17.076
148.647	34473.348	40621.176	26.128
27.622	29.008	1.019	
1/13/2017 10:00:00 AM	129600.000	65.988	17.076
148.645	34513.813	40669.094	26.162
27.655	28.974	1.019	
1/13/2017 10:15:00 AM	130500.000	66.000	17.076
148.671	34447.777	40591.207	26.106
27.602	29.029	1.019	
1/13/2017 10:30:00 AM	131400.000	65.998	17.076
148.666	34484.152	40634.387	26.137
27.631	28.999	1.019	
1/13/2017 10:45:00 AM	132300.000	66.002	17.076
148.677	34487.984	40638.660	26.140
27.634	28.996	1.019	
1/13/2017 11:00:00 AM	133200.000	66.002	17.076
148.676	34467.371	40614.133	26.123
27.618	29.013	1.019	
1/13/2017 11:15:00 AM	134100.000	66.005	17.076
148.682	34438.074	40579.527	26.098

27.594	29.038	1.019	
1/13/2017 11:30:00 AM	135000.000	66.004	17.076
148.681	34456.559	40601.309	26.113
27.609	29.022	1.019	
1/13/2017 11:45:00 AM	135900.000	65.998	17.076
148.667	34514.598	40669.613	26.162
27.655	28.973	1.019	
1/13/2017 12:00:00 PM	136800.000	65.998	17.077
148.667	34462.184	40607.621	26.118
27.613	29.017	1.019	
1/13/2017 12:15:00 PM	137700.000	65.995	17.076
148.661	34443.848	40586.492	26.103
27.599	29.033	1.019	
1/13/2017 12:30:00 PM	138600.000	65.990	17.077
148.650	34514.199	40668.984	26.162
27.655	28.974	1.019	
1/13/2017 12:45:00 PM	139500.000	65.988	17.076
148.643	34441.070	40583.141	26.100
27.597	29.035	1.019	
1/13/2017 1:00:00 PM	140400.000	65.982	17.076
148.632	34463.813	40609.938	26.120
27.615	29.016	1.019	
1/13/2017 1:15:00 PM	141300.000	65.967	17.077
148.597	34502.250	40654.676	26.151
27.645	28.984	1.019	
1/13/2017 1:30:00 PM	142200.000	65.970	17.077
148.604	34473.027	40620.473	26.127
27.622	29.008	1.019	
1/13/2017 1:45:00 PM	143100.000	65.960	17.076
148.582	34481.215	40630.445	26.134
27.629	29.001	1.019	
1/13/2017 2:00:00 PM	144000.000	65.951	17.076
148.562	34495.699	40647.676	26.146
27.640	28.989	1.019	
1/13/2017 2:15:00 PM	144900.000	65.947	17.076
148.553	34478.027	40626.770	26.132
27.626	29.004	1.019	
1/13/2017 2:30:00 PM	145800.000	65.935	17.076
148.526	34452.867	40596.875	26.110
27.606	29.025	1.019	
1/13/2017 2:45:00 PM	146700.000	65.925	17.076
148.503	34453.605	40598.074	26.111
27.607	29.025	1.019	
1/13/2017 3:00:00 PM	147600.000	65.916	17.076
148.483	34491.496	40642.559	26.143
27.637	28.993	1.019	
1/13/2017 3:15:00 PM	148500.000	65.906	17.076
148.459	34453.758	40598.254	26.111
27.607	29.024	1.019	
1/13/2017 3:30:00 PM	149400.000	65.896	17.076
148.438	34441.758	40584.434	26.101
27.597	29.035	1.019	
1/13/2017 3:45:00 PM	150300.000	65.886	17.076
148.414	34446.797	40590.129	26.105
27.601	29.030	1.019	
1/13/2017 4:00:00 PM	151200.000	65.878	17.076

148.397	34438.504	40580.355	26.098
27.595	29.037	1.019	
1/13/2017 4:15:00 PM	152100.000	65.871	17.076
148.380	34455.789	40600.879	26.113
27.609	29.023	1.019	
1/13/2017 4:30:00 PM	153000.000	65.861	17.076
148.357	34491.000	40642.297	26.143
27.637	28.993	1.019	
1/13/2017 4:45:00 PM	153900.000	65.856	17.075
148.347	34476.551	40625.594	26.131
27.625	29.005	1.019	
1/13/2017 5:00:00 PM	154800.000	65.863	17.075
148.362	34481.918	40631.992	26.135
27.630	29.001	1.019	
1/13/2017 5:15:00 PM	155700.000	65.840	17.076
148.311	34502.695	40655.918	26.152
27.646	28.983	1.019	
1/13/2017 5:30:00 PM	156600.000	65.837	17.075
148.303	34491.641	40643.449	26.143
27.638	28.993	1.019	
1/13/2017 5:45:00 PM	157500.000	65.832	17.076
148.292	34453.844	40598.516	26.111
27.607	29.024	1.019	
1/13/2017 6:00:00 PM	158400.000	65.825	17.076
148.277	34504.492	40657.953	26.154
27.647	28.982	1.019	
1/13/2017 6:15:00 PM	159300.000	65.821	17.076
148.267	34434.461	40575.594	26.095
27.591	29.041	1.019	
1/13/2017 6:30:00 PM	160200.000	65.819	17.076
148.264	34467.891	40615.137	26.123
27.618	29.013	1.019	
1/13/2017 6:45:00 PM	161100.000	65.817	17.075
148.258	34466.582	40614.082	26.122
27.618	29.014	1.019	
1/13/2017 7:00:00 PM	162000.000	65.813	17.075
148.250	34495.977	40648.797	26.147
27.641	28.989	1.019	
1/13/2017 7:15:00 PM	162900.000	65.815	17.075
148.256	34451.480	40596.285	26.110
27.605	29.026	1.019	
1/13/2017 7:30:00 PM	163800.000	65.816	17.076
148.257	34490.191	40641.414	26.142
27.636	28.994	1.019	
1/13/2017 7:45:00 PM	164700.000	65.814	17.076
148.253	34456.742	40602.000	26.114
27.609	29.022	1.019	
1/13/2017 8:00:00 PM	165600.000	65.815	17.076
148.256	34483.113	40633.074	26.136
27.630	29.000	1.019	
1/13/2017 8:15:00 PM	166500.000	65.832	17.075
148.292	34444.465	40587.938	26.104
27.600	29.032	1.019	
1/13/2017 8:30:00 PM	167400.000	65.824	17.075
148.275	34475.168	40624.117	26.130
27.624	29.006	1.019	

1/13/2017 8:45:00 PM	168300.000	65.825	17.075
148.276	34450.891	40595.355	26.109
27.605	29.027	1.019	
1/13/2017 9:00:00 PM	169200.000	65.829	17.075
148.286	34505.535	40659.898	26.155
27.649	28.981	1.019	
1/13/2017 9:15:00 PM	170100.000	65.832	17.075
148.293	34437.793	40580.238	26.098
27.595	29.038	1.019	
1/13/2017 9:30:00 PM	171000.000	65.837	17.075
148.303	34471.926	40620.219	26.127
27.622	29.009	1.019	
1/13/2017 9:45:00 PM	171900.000	65.841	17.075
148.313	34495.301	40647.922	26.147
27.641	28.989	1.019	
1/13/2017 10:00:00 PM	172800.000	65.849	17.075
148.330	34428.840	40569.688	26.091
27.587	29.045	1.019	
1/13/2017 10:15:00 PM	173700.000	65.850	17.075
148.334	34436.371	40578.730	26.097
27.594	29.039	1.019	
1/13/2017 10:30:00 PM	174600.000	65.854	17.075
148.343	34448.391	40593.051	26.107
27.603	29.029	1.019	
1/13/2017 10:45:00 PM	175500.000	65.863	17.074
148.363	34457.293	40603.785	26.115
27.611	29.021	1.019	
1/13/2017 11:00:00 PM	176400.000	65.865	17.076
148.367	34429.105	40569.434	26.091
27.587	29.045	1.019	
1/13/2017 11:15:00 PM	177300.000	65.873	17.075
148.385	34471.605	40619.766	26.127
27.621	29.009	1.019	
1/13/2017 11:30:00 PM	178200.000	65.878	17.076
148.397	34421.918	40561.055	26.085
27.582	29.051	1.019	
1/13/2017 11:45:00 PM	179100.000	65.881	17.075
148.404	34488.012	40639.496	26.141
27.635	28.996	1.019	
1/14/2017 12:00:00 AM	180000.000	65.884	17.076
148.411	34483.156	40633.293	26.136
27.631	29.000	1.019	
1/14/2017 12:15:00 AM	180900.000	65.888	17.075
148.418	34432.055	40573.477	26.094
27.590	29.043	1.019	
1/14/2017 12:30:00 AM	181800.000	65.888	17.075
148.420	34439.414	40582.316	26.100
27.596	29.036	1.019	
1/14/2017 12:45:00 AM	182700.000	65.891	17.075
148.426	34465.051	40612.195	26.121
27.616	29.015	1.019	
1/14/2017 1:00:00 AM	183600.000	65.891	17.075
148.426	34456.625	40602.113	26.114
27.609	29.022	1.019	
1/14/2017 1:15:00 AM	184500.000	65.892	17.075
148.428	34429.441	40570.719	26.092

27.588	29.045	1.019	
1/14/2017 1:30:00 AM	185400.000	65.893	17.075
148.431	34451.004	40595.723	26.109
27.605	29.027	1.019	
1/14/2017 1:45:00 AM	186300.000	65.892	17.075
148.427	34470.992	40619.527	26.126
27.621	29.010	1.019	
1/14/2017 2:00:00 AM	187200.000	65.888	17.075
148.419	34469.055	40616.910	26.124
27.620	29.012	1.019	
1/14/2017 2:15:00 AM	188100.000	65.890	17.075
148.424	34466.891	40614.445	26.123
27.618	29.013	1.019	
1/14/2017 2:30:00 AM	189000.000	65.886	17.075
148.415	34483.813	40634.637	26.137
27.632	28.999	1.019	
1/14/2017 2:45:00 AM	189900.000	65.886	17.075
148.414	34435.340	40577.672	26.097
27.593	29.040	1.019	
1/14/2017 3:00:00 AM	190800.000	65.879	17.075
148.399	34438.199	40580.715	26.099
27.595	29.038	1.019	
1/14/2017 3:15:00 AM	191700.000	65.876	17.075
148.393	34455.828	40601.410	26.113
27.609	29.023	1.019	
1/14/2017 3:30:00 AM	192600.000	65.878	17.075
148.397	34454.766	40600.156	26.113
27.608	29.024	1.019	
1/14/2017 3:45:00 AM	193500.000	65.874	17.075
148.388	34439.387	40582.199	26.100
27.596	29.037	1.019	
1/14/2017 4:00:00 AM	194400.000	65.866	17.075
148.369	34481.285	40631.172	26.135
27.629	29.001	1.019	
1/14/2017 4:15:00 AM	195300.000	65.871	17.075
148.381	34446.723	40590.758	26.106
27.602	29.030	1.019	
1/14/2017 4:30:00 AM	196200.000	65.871	17.075
148.380	34457.168	40603.309	26.115
27.610	29.022	1.019	
1/14/2017 4:45:00 AM	197100.000	65.865	17.075
148.368	34465.641	40613.051	26.122
27.617	29.014	1.019	
1/14/2017 5:00:00 AM	198000.000	65.861	17.075
148.358	34439.766	40582.805	26.100
27.596	29.036	1.019	
1/14/2017 5:15:00 AM	198900.000	65.874	17.075
148.388	34451.070	40595.645	26.109
27.605	29.027	1.019	
1/14/2017 5:30:00 AM	199800.000	65.856	17.075
148.348	34435.887	40578.391	26.097
27.593	29.039	1.019	
1/14/2017 5:45:00 AM	200700.000	65.859	17.075
148.355	34458.066	40603.813	26.115
27.611	29.021	1.019	
1/14/2017 6:00:00 AM	201600.000	65.856	17.074

148.346	34436.969	40579.914	26.098
27.594	29.039	1.019	
1/14/2017 6:15:00 AM	202500.000	65.856	17.075
148.346	34502.332	40656.047	26.152
27.646	28.984	1.019	
1/14/2017 6:30:00 AM	203400.000	65.856	17.075
148.347	34436.141	40578.129	26.097
27.593	29.039	1.019	
1/14/2017 6:45:00 AM	204300.000	65.856	17.075
148.346	34445.613	40589.695	26.105
27.601	29.031	1.019	
1/14/2017 7:00:00 AM	205200.000	65.861	17.075
148.357	34404.164	40540.449	26.070
27.568	29.066	1.019	
1/14/2017 7:15:00 AM	206100.000	65.861	17.076
148.358	34457.824	40603.203	26.115
27.610	29.021	1.019	
1/14/2017 7:30:00 AM	207000.000	65.864	17.075
148.365	34432.496	40573.832	26.094
27.590	29.042	1.019	
1/14/2017 7:45:00 AM	207900.000	65.864	17.075
148.365	34429.180	40570.168	26.091
27.588	29.045	1.019	
1/14/2017 8:00:00 AM	208800.000	65.868	17.075
148.375	34464.621	40611.609	26.121
27.616	29.015	1.019	
1/14/2017 8:15:00 AM	209700.000	65.870	17.076
148.378	34428.125	40568.445	26.090
27.587	29.046	1.019	
1/14/2017 8:30:00 AM	210600.000	65.874	17.075
148.388	34448.281	40592.598	26.107
27.603	29.029	1.019	
1/14/2017 8:45:00 AM	211500.000	65.892	17.075
148.428	34492.965	40645.086	26.145
27.639	28.991	1.019	
1/14/2017 9:00:00 AM	212400.000	65.880	17.075
148.402	34450.383	40594.992	26.109
27.605	29.027	1.019	
1/14/2017 9:15:00 AM	213300.000	65.888	17.075
148.419	34445.824	40589.781	26.105
27.601	29.031	1.019	
1/14/2017 9:30:00 AM	214200.000	65.896	17.075
148.438	34474.617	40623.711	26.129
27.624	29.007	1.019	
1/14/2017 9:45:00 AM	215100.000	65.897	17.076
148.440	34453.922	40598.844	26.112
27.607	29.024	1.019	
1/14/2017 10:00:00 AM	216000.000	65.903	17.075
148.454	34432.566	40574.320	26.094
27.591	29.042	1.019	
1/14/2017 10:15:00 AM	216900.000	65.909	17.075
148.467	34439.391	40582.203	26.100
27.596	29.037	1.019	
1/14/2017 10:30:00 AM	217800.000	65.914	17.075
148.477	34462.652	40609.215	26.119
27.614	29.017	1.019	

1/14/2017 10:45:00 AM	218700.000	65.913	17.075
148.476	34473.957	40622.852	26.129
27.624	29.007	1.019	
1/14/2017 11:00:00 AM	219600.000	65.916	17.075
148.483	34483.465	40634.379	26.137
27.631	28.999	1.019	
1/14/2017 11:15:00 AM	220500.000	65.934	17.075
148.523	34441.480	40584.504	26.101
27.597	29.035	1.019	
1/14/2017 11:30:00 AM	221400.000	65.941	17.075
148.538	34477.438	40626.953	26.132
27.626	29.004	1.019	
1/14/2017 11:45:00 AM	222300.000	65.926	17.076
148.504	34435.527	40577.004	26.096
27.592	29.040	1.019	
1/14/2017 12:00:00 PM	223200.000	65.924	17.075
148.499	34477.652	40627.043	26.132
27.626	29.004	1.019	
1/14/2017 12:15:00 PM	224100.000	65.924	17.076
148.499	34483.176	40633.078	26.136
27.630	29.000	1.019	
1/14/2017 12:30:00 PM	225000.000	65.927	17.075
148.506	34439.203	40582.223	26.100
27.596	29.037	1.019	
1/14/2017 12:45:00 PM	225900.000	65.923	17.075
148.498	34500.332	40653.617	26.151
27.644	28.985	1.019	
1/14/2017 1:00:00 PM	226800.000	65.922	17.075
148.495	34475.469	40624.320	26.130
27.625	29.006	1.019	
1/14/2017 1:15:00 PM	227700.000	65.919	17.075
148.488	34404.734	40541.043	26.070
27.568	29.066	1.019	
1/14/2017 1:30:00 PM	228600.000	65.915	17.075
148.479	34426.902	40567.484	26.089
27.586	29.047	1.019	
1/14/2017 1:45:00 PM	229500.000	65.908	17.075
148.465	34444.156	40587.734	26.104
27.600	29.033	1.019	
1/14/2017 2:00:00 PM	230400.000	65.901	17.075
148.448	34431.172	40572.273	26.093
27.589	29.043	1.019	
1/14/2017 2:15:00 PM	231300.000	65.895	17.076
148.436	34437.098	40578.781	26.097
27.594	29.038	1.019	
1/14/2017 2:30:00 PM	232200.000	65.885	17.075
148.412	34427.332	40567.598	26.089
27.586	29.047	1.019	
1/14/2017 2:45:00 PM	233100.000	65.880	17.075
148.401	34452.715	40597.508	26.111
27.606	29.025	1.019	
1/14/2017 3:00:00 PM	234000.000	65.872	17.075
148.382	34446.645	40590.992	26.106
27.602	29.030	1.019	
1/14/2017 3:15:00 PM	234900.000	65.864	17.075
148.366	34435.023	40576.973	26.096

27.592	29.040	1.019	
1/14/2017 3:30:00 PM	235800.000	65.857	17.076
148.350	34438.988	40581.008	26.099
27.595	29.037	1.019	
1/14/2017 3:45:00 PM	236700.000	65.849	17.075
148.331	34458.039	40603.930	26.115
27.611	29.021	1.019	
1/14/2017 4:00:00 PM	237600.000	65.840	17.076
148.311	34434.078	40575.461	26.095
27.591	29.041	1.019	
1/14/2017 4:15:00 PM	238500.000	65.828	17.075
148.284	34441.301	40584.289	26.101
27.597	29.035	1.019	
1/14/2017 4:30:00 PM	239400.000	65.821	17.075
148.267	34494.063	40646.543	26.146
27.640	28.990	1.019	
1/14/2017 4:45:00 PM	240300.000	65.812	17.075
148.247	34415.164	40553.570	26.079
27.576	29.057	1.019	
1/14/2017 5:00:00 PM	241200.000	65.807	17.076
148.237	34414.840	40552.066	26.078
27.575	29.057	1.019	
1/14/2017 5:15:00 PM	242100.000	65.796	17.076
148.212	34476.828	40625.836	26.131
27.626	29.005	1.019	
1/14/2017 5:30:00 PM	243000.000	65.786	17.075
148.190	34473.984	40623.055	26.129
27.624	29.007	1.019	
1/14/2017 5:45:00 PM	243900.000	65.783	17.075
148.183	34422.039	40561.512	26.085
27.582	29.051	1.019	
1/14/2017 6:00:00 PM	244800.000	65.778	17.075
148.172	34465.805	40613.164	26.122
27.617	29.014	1.019	
1/14/2017 6:15:00 PM	245700.000	65.769	17.075
148.150	34450.785	40595.789	26.109
27.605	29.027	1.019	
1/14/2017 6:30:00 PM	246600.000	65.768	17.075
148.148	34449.527	40594.148	26.108
27.604	29.028	1.019	
1/14/2017 6:45:00 PM	247500.000	65.771	17.075
148.156	34480.645	40630.652	26.134
27.629	29.002	1.019	
1/14/2017 7:00:00 PM	248400.000	65.752	17.075
148.112	34455.844	40601.680	26.114
27.609	29.023	1.019	
1/14/2017 7:15:00 PM	249300.000	65.756	17.075
148.121	34435.301	40577.219	26.096
27.593	29.040	1.019	
1/14/2017 7:30:00 PM	250200.000	65.749	17.075
148.105	34447.867	40592.027	26.107
27.603	29.029	1.019	
1/14/2017 7:45:00 PM	251100.000	65.751	17.075
148.112	34456.000	40601.453	26.113
27.609	29.023	1.019	
1/14/2017 8:00:00 PM	252000.000	65.750	17.075

148.108	34470.195	40618.254	26.125
27.620	29.011	1.019	
1/14/2017 8:15:00 PM	252900.000	65.751	17.075
148.110	34459.125	40605.457	26.116
27.612	29.020	1.019	
1/14/2017 8:30:00 PM	253800.000	65.749	17.075
148.105	34430.719	40571.738	26.092
27.589	29.044	1.019	
1/14/2017 8:45:00 PM	254700.000	65.752	17.075
148.113	34471.516	40620.145	26.127
27.622	29.009	1.019	
1/14/2017 9:00:00 PM	255600.000	65.755	17.075
148.120	34431.016	40572.012	26.093
27.589	29.044	1.019	
1/14/2017 9:15:00 PM	256500.000	65.764	17.075
148.139	34426.863	40567.277	26.089
27.586	29.047	1.019	
1/14/2017 9:30:00 PM	257400.000	65.763	17.075
148.138	34427.094	40567.801	26.090
27.586	29.047	1.019	
1/14/2017 9:45:00 PM	258300.000	65.765	17.075
148.141	34475.660	40624.543	26.130
27.625	29.006	1.019	
1/14/2017 10:00:00 PM	259200.000	65.773	17.075
148.159	34451.945	40596.914	26.110
27.606	29.026	1.019	
1/14/2017 10:15:00 PM	260100.000	65.778	17.075
148.171	34428.406	40569.348	26.091
27.587	29.046	1.019	
1/14/2017 10:30:00 PM	261000.000	65.782	17.075
148.179	34420.477	40560.316	26.084
27.581	29.052	1.019	
1/14/2017 10:45:00 PM	261900.000	65.785	17.075
148.188	34451.250	40595.930	26.110
27.605	29.027	1.019	
1/14/2017 11:00:00 PM	262800.000	65.792	17.075
148.204	34480.453	40630.832	26.134
27.629	29.002	1.019	
1/14/2017 11:15:00 PM	263700.000	65.799	17.075
148.219	34450.754	40595.910	26.110
27.605	29.027	1.019	
1/14/2017 11:30:00 PM	264600.000	65.802	17.075
148.225	34490.578	40642.195	26.143
27.637	28.993	1.019	
1/14/2017 11:45:00 PM	265500.000	65.808	17.075
148.239	34493.363	40646.203	26.145
27.639	28.991	1.019	
1/15/2017 12:00:00 AM	266400.000	65.812	17.075
148.247	34456.559	40602.750	26.114
27.610	29.022	1.019	
1/15/2017 12:15:00 AM	267300.000	65.816	17.075
148.257	34422.762	40562.445	26.086
27.582	29.051	1.019	
1/15/2017 12:30:00 AM	268200.000	65.822	17.075
148.271	34409.078	40546.801	26.075
27.572	29.062	1.019	

1/15/2017 12:45:00 AM	269100.000	65.824	17.075
148.275	34466.473	40614.434	26.123
27.618	29.014	1.019	
1/15/2017 1:00:00 AM	270000.000	65.825	17.075
148.278	34440.379	40583.527	26.101
27.597	29.036	1.019	
1/15/2017 1:15:00 AM	270900.000	65.840	17.075
148.311	34433.172	40574.551	26.094
27.591	29.042	1.019	
1/15/2017 1:30:00 AM	271800.000	65.829	17.074
148.285	34436.328	40579.156	26.098
27.594	29.039	1.019	
1/15/2017 1:45:00 AM	272700.000	65.827	17.075
148.282	34413.512	40552.109	26.078
27.575	29.058	1.019	
1/15/2017 2:00:00 AM	273600.000	65.828	17.075
148.283	34419.410	40558.977	26.083
27.580	29.053	1.019	
1/15/2017 2:15:00 AM	274500.000	65.829	17.075
148.285	34432.254	40573.879	26.094
27.590	29.043	1.019	
1/15/2017 2:30:00 AM	275400.000	65.827	17.075
148.282	34493.988	40646.539	26.146
27.640	28.991	1.019	
1/15/2017 2:45:00 AM	276300.000	65.830	17.074
148.287	34418.508	40558.328	26.083
27.580	29.054	1.019	
1/15/2017 3:00:00 AM	277200.000	65.826	17.075
148.279	34456.789	40602.703	26.114
27.610	29.022	1.019	
1/15/2017 3:15:00 AM	278100.000	65.821	17.075
148.268	34435.477	40577.992	26.097
27.593	29.040	1.019	
1/15/2017 3:30:00 AM	279000.000	65.823	17.075
148.272	34418.648	40557.848	26.082
27.579	29.054	1.019	
1/15/2017 3:45:00 AM	279900.000	65.818	17.075
148.261	34439.988	40583.066	26.100
27.596	29.036	1.019	
1/15/2017 4:00:00 AM	280800.000	65.815	17.074
148.254	34427.133	40568.320	26.090
27.586	29.047	1.019	
1/15/2017 4:15:00 AM	281700.000	65.816	17.075
148.257	34434.246	40576.141	26.095
27.592	29.041	1.019	
1/15/2017 4:30:00 AM	282600.000	65.813	17.075
148.250	34414.188	40552.590	26.079
27.576	29.058	1.019	
1/15/2017 4:45:00 AM	283500.000	65.812	17.075
148.247	34430.492	40571.957	26.092
27.589	29.044	1.019	
1/15/2017 5:00:00 AM	284400.000	65.808	17.075
148.239	34445.297	40589.480	26.105
27.601	29.032	1.019	
1/15/2017 5:15:00 AM	285300.000	65.806	17.075
148.234	34410.074	40548.059	26.075

27.573	29.061	1.019	
1/15/2017 5:30:00 AM	286200.000	65.800	17.075
148.220	34470.480	40619.238	26.126
27.621	29.010	1.019	
1/15/2017 5:45:00 AM	287100.000	65.801	17.075
148.222	34468.906	40617.301	26.125
27.620	29.012	1.019	
1/15/2017 6:00:00 AM	288000.000	65.801	17.075
148.222	34426.672	40567.215	26.089
27.586	29.047	1.019	
1/15/2017 6:15:00 AM	288900.000	65.794	17.075
148.208	34416.203	40555.121	26.080
27.577	29.056	1.019	
1/15/2017 6:30:00 AM	289800.000	65.794	17.075
148.206	34472.699	40621.770	26.128
27.623	29.008	1.019	
1/15/2017 6:45:00 AM	290700.000	65.793	17.075
148.204	34489.852	40642.066	26.142
27.637	28.994	1.019	
1/15/2017 7:00:00 AM	291600.000	65.808	17.074
148.239	34467.574	40615.898	26.124
27.619	29.013	1.019	
1/15/2017 7:15:00 AM	292500.000	65.791	17.075
148.200	34442.180	40585.578	26.102
27.598	29.034	1.019	
1/15/2017 7:30:00 AM	293400.000	65.792	17.074
148.202	34459.426	40606.457	26.117
27.612	29.020	1.019	
1/15/2017 7:45:00 AM	294300.000	65.791	17.075
148.201	34441.418	40584.910	26.102
27.598	29.035	1.019	
1/15/2017 8:00:00 AM	295200.000	65.794	17.075
148.206	34449.539	40594.402	26.108
27.604	29.028	1.019	
1/15/2017 8:15:00 AM	296100.000	65.794	17.075
148.208	34443.305	40586.973	26.103
27.599	29.033	1.019	
1/15/2017 8:30:00 AM	297000.000	65.794	17.075
148.208	34434.148	40576.184	26.095
27.592	29.041	1.019	
1/15/2017 8:45:00 AM	297900.000	65.806	17.075
148.234	34421.840	40561.840	26.085
27.582	29.051	1.019	
1/15/2017 9:00:00 AM	298800.000	65.802	17.075
148.224	34462.348	40609.008	26.119
27.614	29.017	1.019	
1/15/2017 9:15:00 AM	299700.000	65.809	17.075
148.241	34450.426	40595.363	26.109
27.605	29.027	1.019	
1/15/2017 9:30:00 AM	300600.000	65.809	17.075
148.241	34435.688	40577.996	26.097
27.593	29.040	1.019	
1/15/2017 9:45:00 AM	301500.000	65.813	17.074
148.251	34414.008	40553.023	26.079
27.576	29.058	1.019	
1/15/2017 10:00:00 AM	302400.000	65.815	17.075

148.254	34415.090	40553.406	26.079
27.576	29.057	1.019	
1/15/2017 10:15:00 AM	303300.000	65.820	17.075
148.266	34442.641	40586.434	26.103
27.599	29.034	1.019	
1/15/2017 10:30:00 AM	304200.000	65.821	17.075
148.269	34398.414	40533.672	26.065
27.563	29.071	1.019	
1/15/2017 10:45:00 AM	305100.000	65.829	17.075
148.286	34410.098	40548.086	26.075
27.573	29.061	1.019	
1/15/2017 11:00:00 AM	306000.000	65.846	17.074
148.325	34472.863	40622.133	26.128
27.623	29.008	1.019	
1/15/2017 11:15:00 AM	306900.000	65.838	17.075
148.307	34460.105	40606.699	26.117
27.613	29.019	1.019	
1/15/2017 11:30:00 AM	307800.000	65.841	17.075
148.313	34419.141	40558.094	26.083
27.580	29.054	1.019	
1/15/2017 11:45:00 AM	308700.000	65.855	17.075
148.344	34441.313	40584.785	26.102
27.598	29.035	1.019	
1/15/2017 12:00:00 PM	309600.000	65.848	17.075
148.329	34466.891	40614.926	26.123
27.618	29.013	1.019	
1/15/2017 12:15:00 PM	310500.000	65.847	17.075
148.326	34420.668	40559.742	26.084
27.581	29.052	1.019	
1/15/2017 12:30:00 PM	311400.000	65.850	17.076
148.334	34445.453	40588.699	26.104
27.600	29.031	1.019	
1/15/2017 12:45:00 PM	312300.000	65.851	17.075
148.335	34460.711	40607.484	26.118
27.613	29.019	1.019	
1/15/2017 1:00:00 PM	313200.000	65.849	17.075
148.330	34429.484	40570.527	26.091
27.588	29.045	1.019	
1/15/2017 1:15:00 PM	314100.000	65.850	17.075
148.332	34421.672	40561.160	26.085
27.582	29.051	1.019	
1/15/2017 1:30:00 PM	315000.000	65.845	17.075
148.323	34427.961	40568.336	26.090
27.586	29.046	1.019	
1/15/2017 1:45:00 PM	315900.000	65.843	17.075
148.317	34438.199	40580.477	26.099
27.595	29.038	1.019	
1/15/2017 2:00:00 PM	316800.000	65.842	17.075
148.316	34456.441	40602.383	26.114
27.610	29.022	1.019	
1/15/2017 2:15:00 PM	317700.000	65.840	17.075
148.311	34488.125	40639.230	26.140
27.635	28.995	1.019	
1/15/2017 2:30:00 PM	318600.000	65.832	17.076
148.293	34425.891	40565.648	26.088
27.585	29.048	1.019	

1/15/2017 2:45:00 PM	319500.000	65.830	17.075
148.287	34445.996	40589.824	26.105
27.601	29.031	1.019	
1/15/2017 3:00:00 PM	320400.000	65.821	17.075
148.267	34486.398	40637.273	26.139
27.633	28.997	1.019	
1/15/2017 3:15:00 PM	321300.000	65.828	17.075
148.283	34440.488	40583.098	26.100
27.597	29.036	1.019	
1/15/2017 3:30:00 PM	322200.000	65.811	17.075
148.246	34462.387	40608.902	26.119
27.614	29.017	1.019	
1/15/2017 3:45:00 PM	323100.000	65.801	17.075
148.222	34412.852	40550.848	26.077
27.575	29.059	1.019	
1/15/2017 4:00:00 PM	324000.000	65.809	17.075
148.241	34440.262	40582.832	26.100
27.596	29.036	1.019	
1/15/2017 4:15:00 PM	324900.000	65.789	17.075
148.197	34430.871	40571.766	26.092
27.589	29.044	1.019	
1/15/2017 4:30:00 PM	325800.000	65.792	17.075
148.203	34471.969	40620.270	26.127
27.622	29.009	1.019	
1/15/2017 4:45:00 PM	326700.000	65.770	17.075
148.153	34485.102	40635.668	26.138
27.632	28.998	1.019	
1/15/2017 5:00:00 PM	327600.000	65.763	17.076
148.137	34443.758	40586.699	26.103
27.599	29.033	1.019	
1/15/2017 5:15:00 PM	328500.000	65.756	17.075
148.121	34474.945	40624.258	26.130
27.624	29.007	1.019	
1/15/2017 5:30:00 PM	329400.000	65.751	17.076
148.112	34470.191	40617.777	26.125
27.620	29.011	1.019	
1/15/2017 5:45:00 PM	330300.000	65.741	17.075
148.088	34410.277	40547.984	26.075
27.573	29.061	1.019	
1/15/2017 6:00:00 PM	331200.000	65.738	17.075
148.080	34451.055	40595.625	26.109
27.605	29.027	1.019	
1/15/2017 6:15:00 PM	332100.000	65.728	17.075
148.059	34449.531	40594.313	26.108
27.604	29.028	1.019	
1/15/2017 6:30:00 PM	333000.000	65.722	17.075
148.044	34491.879	40643.730	26.144
27.638	28.992	1.019	
1/15/2017 6:45:00 PM	333900.000	65.717	17.075
148.033	34440.586	40583.367	26.101
27.597	29.036	1.019	
1/15/2017 7:00:00 PM	334800.000	65.710	17.075
148.018	34422.922	40562.715	26.086
27.583	29.050	1.019	
1/15/2017 7:15:00 PM	335700.000	65.706	17.075
148.010	34441.020	40584.121	26.101

27.597	29.035	1.019	
1/15/2017 7:30:00 PM	336600.000	65.702	17.075
148.000	34460.461	40606.867	26.117
27.613	29.019	1.019	
1/15/2017 7:45:00 PM	337500.000	65.701	17.075
147.999	34423.945	40563.840	26.087
27.583	29.050	1.019	
1/15/2017 8:00:00 PM	338400.000	65.697	17.075
147.989	34430.500	40571.563	26.092
27.589	29.044	1.019	
1/15/2017 8:15:00 PM	339300.000	65.701	17.075
147.999	34416.289	40555.141	26.080
27.577	29.056	1.019	
1/15/2017 8:30:00 PM	340200.000	65.699	17.075
147.993	34468.660	40616.934	26.124
27.620	29.012	1.019	
1/15/2017 8:45:00 PM	341100.000	65.697	17.076
147.989	34426.148	40566.117	26.088
27.585	29.048	1.019	
1/15/2017 9:00:00 PM	342000.000	65.699	17.075
147.994	34497.570	40650.598	26.148
27.642	28.988	1.019	
1/15/2017 9:15:00 PM	342900.000	65.700	17.075
147.995	34410.055	40547.313	26.075
27.572	29.061	1.019	
1/15/2017 9:30:00 PM	343800.000	65.704	17.075
148.006	34460.332	40606.715	26.117
27.613	29.019	1.019	
1/15/2017 9:45:00 PM	344700.000	65.707	17.075
148.011	34409.488	40546.965	26.075
27.572	29.062	1.019	
1/15/2017 10:00:00 PM	345600.000	65.706	17.075
148.010	34442.406	40586.074	26.103
27.599	29.034	1.019	
1/15/2017 10:15:00 PM	346500.000	65.709	17.075
148.017	34410.488	40548.305	26.076
27.573	29.061	1.019	
1/15/2017 10:30:00 PM	347400.000	65.710	17.075
148.018	34430.934	40571.914	26.092
27.589	29.044	1.019	
1/15/2017 10:45:00 PM	348300.000	65.719	17.075
148.039	34440.281	40583.090	26.100
27.597	29.036	1.019	
1/15/2017 11:00:00 PM	349200.000	65.723	17.075
148.047	34402.973	40539.207	26.069
27.567	29.067	1.019	
1/15/2017 11:15:00 PM	350100.000	65.728	17.075
148.059	34444.020	40587.977	26.104
27.600	29.033	1.019	
1/15/2017 11:30:00 PM	351000.000	65.733	17.075
148.069	34488.695	40639.902	26.141
27.635	28.995	1.019	
1/15/2017 11:45:00 PM	351900.000	65.741	17.075
148.089	34450.074	40594.879	26.109
27.605	29.028	1.019	
1/16/2017 12:00:00 AM	352800.000	65.745	17.075

148.098	34425.703	40566.234	26.088
27.585	29.048	1.019	
1/16/2017 12:15:00 AM	353700.000	65.747	17.075
148.101	34454.891	40600.383	26.113
27.608	29.023	1.019	
1/16/2017 12:30:00 AM	354600.000	65.755	17.075
148.119	34437.309	40579.906	26.098
27.594	29.038	1.019	
1/16/2017 12:45:00 AM	355500.000	65.758	17.075
148.126	34435.051	40577.246	26.096
27.593	29.040	1.019	
1/16/2017 1:00:00 AM	356400.000	65.762	17.075
148.136	34405.484	40542.086	26.071
27.569	29.065	1.019	
1/16/2017 1:15:00 AM	357300.000	65.767	17.075
148.146	34425.902	40566.227	26.088
27.585	29.048	1.019	
1/16/2017 1:30:00 AM	358200.000	65.767	17.075
148.146	34413.930	40552.199	26.078
27.575	29.058	1.019	
1/16/2017 1:45:00 AM	359100.000	65.771	17.075
148.155	34441.121	40584.078	26.101
27.597	29.035	1.019	
1/16/2017 2:00:00 AM	360000.000	65.773	17.075
148.161	34479.363	40629.141	26.133
27.628	29.003	1.019	
1/16/2017 2:15:00 AM	360900.000	65.774	17.075
148.163	34454.172	40599.375	26.112
27.608	29.024	1.019	
1/16/2017 2:30:00 AM	361800.000	65.776	17.075
148.168	34488.984	40640.395	26.141
27.635	28.995	1.019	
1/16/2017 2:45:00 AM	362700.000	65.776	17.075
148.168	34474.945	40623.938	26.129
27.624	29.007	1.019	
1/16/2017 3:00:00 AM	363600.000	65.778	17.075
148.172	34409.887	40547.113	26.075
27.572	29.061	1.019	
1/16/2017 3:15:00 AM	364500.000	65.777	17.075
148.169	34443.055	40586.520	26.103
27.599	29.033	1.019	
1/16/2017 3:30:00 AM	365400.000	65.776	17.075
148.167	34390.797	40524.777	26.059
27.557	29.078	1.019	
1/16/2017 3:45:00 AM	366300.000	65.774	17.075
148.163	34418.148	40556.926	26.082
27.579	29.054	1.019	
1/16/2017 4:00:00 AM	367200.000	65.775	17.075
148.166	34426.699	40566.926	26.089
27.586	29.047	1.019	
1/16/2017 4:15:00 AM	368100.000	65.773	17.075
148.159	34492.840	40645.023	26.145
27.639	28.992	1.019	
1/16/2017 4:30:00 AM	369000.000	65.776	17.076
148.167	34497.043	40649.418	26.148
27.642	28.988	1.019	

1/16/2017 4:45:00 AM	369900.000	65.771	17.076
148.155	34432.719	40573.621	26.094
27.590	29.042	1.019	
1/16/2017 5:00:00 AM	370800.000	65.767	17.075
148.146	34464.043	40610.930	26.120
27.615	29.016	1.019	
1/16/2017 5:15:00 AM	371700.000	65.763	17.075
148.137	34409.707	40546.980	26.075
27.572	29.062	1.019	
1/16/2017 5:30:00 AM	372600.000	65.761	17.076
148.134	34464.918	40611.637	26.121
27.616	29.015	1.019	
1/16/2017 5:45:00 AM	373500.000	65.759	17.075
148.130	34491.879	40643.656	26.144
27.638	28.992	1.019	
1/16/2017 6:00:00 AM	374400.000	65.756	17.075
148.121	34482.715	40632.930	26.136
27.630	29.000	1.019	
1/16/2017 6:15:00 AM	375300.000	65.749	17.075
148.106	34471.258	40619.590	26.126
27.621	29.010	1.019	
1/16/2017 6:30:00 AM	376200.000	65.739	17.076
148.084	34464.121	40610.383	26.120
27.615	29.016	1.019	
1/16/2017 6:45:00 AM	377100.000	65.747	17.075
148.100	34420.617	40559.758	26.084
27.581	29.052	1.019	
1/16/2017 7:00:00 AM	378000.000	65.748	17.075
148.104	34473.996	40622.734	26.129
27.623	29.007	1.019	
1/16/2017 7:15:00 AM	378900.000	65.742	17.076
148.090	34459.352	40605.004	26.116
27.611	29.020	1.019	
1/16/2017 7:30:00 AM	379800.000	65.742	17.076
148.090	34461.145	40607.035	26.117
27.613	29.018	1.019	
1/16/2017 7:45:00 AM	380700.000	65.744	17.076
148.095	34448.605	40592.020	26.107
27.603	29.029	1.019	
1/16/2017 8:00:00 AM	381600.000	65.742	17.076
148.090	34498.117	40650.277	26.148
27.642	28.987	1.019	
1/16/2017 8:15:00 AM	382500.000	65.743	17.076
148.092	34414.832	40552.059	26.078
27.575	29.057	1.019	
1/16/2017 8:30:00 AM	383400.000	65.743	17.076
148.094	34449.566	40593.316	26.108
27.603	29.028	1.019	
1/16/2017 8:45:00 AM	384300.000	65.744	17.076
148.095	34506.137	40660.051	26.155
27.649	28.980	1.019	
1/16/2017 9:00:00 AM	385200.000	65.748	17.076
148.104	34495.527	40647.703	26.146
27.640	28.989	1.019	
1/16/2017 9:15:00 AM	386100.000	65.762	17.076
148.134	34482.727	40632.227	26.135

27.630	29.000	1.019	
1/16/2017 9:30:00 AM	387000.000	65.753	17.076
148.115	34507.934	40661.762	26.156
27.650	28.979	1.019	
1/16/2017 9:45:00 AM	387900.000	65.750	17.076
148.108	34431.031	40571.633	26.092
27.589	29.044	1.019	
1/16/2017 10:00:00 AM	388800.000	65.748	17.076
148.105	34504.055	40657.840	26.154
27.647	28.982	1.019	
1/16/2017 10:15:00 AM	389700.000	65.755	17.076
148.120	34445.688	40588.977	26.105
27.601	29.031	1.019	
1/16/2017 10:30:00 AM	390600.000	65.759	17.076
148.129	34483.809	40633.664	26.136
27.631	28.999	1.019	
1/16/2017 10:45:00 AM	391500.000	65.763	17.076
148.138	34456.469	40601.285	26.113
27.609	29.022	1.019	
1/16/2017 11:00:00 AM	392400.000	65.763	17.076
148.137	34494.430	40646.098	26.145
27.639	28.990	1.019	
1/16/2017 11:15:00 AM	393300.000	65.771	17.076
148.156	34466.051	40612.410	26.121
27.616	29.014	1.019	
1/16/2017 11:30:00 AM	394200.000	65.779	17.076
148.175	34441.379	40583.898	26.101
27.597	29.035	1.019	
1/16/2017 11:45:00 AM	395100.000	65.776	17.076
148.168	34490.133	40641.117	26.142
27.636	28.994	1.019	
1/16/2017 12:00:00 PM	396000.000	65.779	17.076
148.173	34484.305	40633.852	26.137
27.631	28.999	1.019	
1/16/2017 12:15:00 PM	396900.000	65.783	17.077
148.184	34482.789	40631.973	26.135
27.630	29.000	1.019	
1/16/2017 12:30:00 PM	397800.000	65.784	17.076
148.185	34438.609	40580.008	26.098
27.594	29.037	1.019	
1/16/2017 12:45:00 PM	398700.000	65.790	17.076
148.199	34451.184	40594.824	26.109
27.604	29.027	1.019	
1/16/2017 1:00:00 PM	399600.000	65.798	17.076
148.216	34438.816	40580.402	26.099
27.595	29.037	1.019	
1/16/2017 1:15:00 PM	400500.000	65.787	17.076
148.193	34509.055	40663.082	26.157
27.651	28.978	1.019	
1/16/2017 1:30:00 PM	401400.000	65.795	17.077
148.210	34464.984	40610.762	26.120
27.615	29.015	1.019	
1/16/2017 1:45:00 PM	402300.000	65.790	17.076
148.198	34515.629	40670.832	26.163
27.656	28.972	1.019	
1/16/2017 2:00:00 PM	403200.000	65.804	17.077

148.230	34424.863	40563.406	26.086
27.583	29.049	1.019	
1/16/2017 2:15:00 PM	404100.000	65.787	17.076
148.193	34472.742	40620.227	26.127
27.622	29.008	1.019	
1/16/2017 2:30:00 PM	405000.000	65.786	17.077
148.189	34476.988	40625.066	26.130
27.625	29.005	1.019	
1/16/2017 2:45:00 PM	405900.000	65.788	17.077
148.194	34469.617	40615.977	26.124
27.619	29.011	1.019	
1/16/2017 3:00:00 PM	406800.000	65.783	17.077
148.184	34460.242	40604.848	26.116
27.611	29.019	1.019	
1/16/2017 3:15:00 PM	407700.000	65.781	17.076
148.179	34509.926	40664.109	26.158
27.652	28.977	1.019	
1/16/2017 3:30:00 PM	408600.000	65.778	17.077
148.172	34461.926	40607.320	26.118
27.613	29.018	1.019	
1/16/2017 3:45:00 PM	409500.000	65.771	17.077
148.156	34509.359	40663.051	26.157
27.651	28.978	1.019	
1/16/2017 4:00:00 PM	410400.000	65.764	17.077
148.139	34524.961	40681.668	26.171
27.664	28.965	1.019	
1/16/2017 4:15:00 PM	411300.000	65.765	17.077
148.143	34494.047	40645.168	26.145
27.639	28.991	1.019	
1/16/2017 4:30:00 PM	412200.000	65.757	17.077
148.124	34476.094	40624.012	26.130
27.624	29.006	1.019	
1/16/2017 4:45:00 PM	413100.000	65.750	17.077
148.109	34477.992	40626.090	26.131
27.626	29.004	1.019	
1/16/2017 5:00:00 PM	414000.000	65.746	17.077
148.099	34493.352	40643.699	26.144
27.638	28.991	1.019	
1/16/2017 5:15:00 PM	414900.000	65.737	17.077
148.079	34519.063	40673.996	26.165
27.658	28.970	1.019	
1/16/2017 5:30:00 PM	415800.000	65.732	17.077
148.068	34453.156	40596.414	26.110
27.606	29.025	1.019	
1/16/2017 5:45:00 PM	416700.000	65.728	17.077
148.059	34461.145	40605.910	26.117
27.612	29.018	1.019	
1/16/2017 6:00:00 PM	417600.000	65.720	17.077
148.042	34456.316	40600.391	26.113
27.608	29.022	1.019	
1/16/2017 6:15:00 PM	418500.000	65.714	17.077
148.028	34475.691	40623.297	26.129
27.624	29.006	1.019	
1/16/2017 6:30:00 PM	419400.000	65.711	17.077
148.020	34468.719	40614.598	26.123
27.618	29.012	1.019	

1/16/2017 6:45:00 PM	420300.000	65.705	17.077
148.007	34509.598	40662.766	26.157
27.651	28.977	1.019	
1/16/2017 7:00:00 PM	421200.000	65.702	17.077
148.000	34503.637	40656.063	26.152
27.646	28.982	1.019	
1/16/2017 7:15:00 PM	422100.000	65.696	17.077
147.986	34507.840	40661.102	26.156
27.650	28.979	1.019	
1/16/2017 7:30:00 PM	423000.000	65.689	17.077
147.970	34481.590	40630.000	26.134
27.628	29.001	1.019	
1/16/2017 7:45:00 PM	423900.000	65.689	17.077
147.970	34453.410	40596.879	26.110
27.606	29.025	1.019	
1/16/2017 8:00:00 PM	424800.000	65.683	17.077
147.957	34456.320	40600.395	26.113
27.608	29.022	1.019	
1/16/2017 8:15:00 PM	425700.000	65.679	17.077
147.949	34524.371	40680.973	26.170
27.663	28.965	1.019	
1/16/2017 8:30:00 PM	426600.000	65.678	17.077
147.946	34506.070	40659.016	26.155
27.648	28.980	1.019	
1/16/2017 8:45:00 PM	427500.000	65.674	17.077
147.937	34519.730	40675.113	26.166
27.659	28.969	1.019	
1/16/2017 9:00:00 PM	428400.000	65.674	17.077
147.938	34506.461	40659.797	26.155
27.649	28.980	1.019	
1/16/2017 9:15:00 PM	429300.000	65.678	17.077
147.947	34464.137	40609.605	26.119
27.615	29.016	1.019	
1/16/2017 9:30:00 PM	430200.000	65.677	17.077
147.944	34517.621	40672.457	26.164
27.657	28.971	1.019	
1/16/2017 9:45:00 PM	431100.000	65.678	17.077
147.946	34462.816	40608.277	26.118
27.614	29.017	1.019	
1/16/2017 10:00:00 PM	432000.000	65.679	17.077
147.949	34519.594	40674.863	26.166
27.659	28.969	1.019	
1/16/2017 10:15:00 PM	432900.000	65.684	17.077
147.959	34459.949	40604.746	26.116
27.611	29.019	1.019	
1/16/2017 10:30:00 PM	433800.000	65.685	17.077
147.963	34515.387	40670.313	26.163
27.656	28.973	1.019	
1/16/2017 10:45:00 PM	434700.000	65.687	17.077
147.966	34475.766	40623.699	26.129
27.624	29.006	1.019	
1/16/2017 11:00:00 PM	435600.000	65.688	17.077
147.968	34480.520	40629.301	26.133
27.628	29.002	1.019	
1/16/2017 11:15:00 PM	436500.000	65.697	17.077
147.990	34449.793	40592.297	26.107

27.603	29.028	1.019	
1/16/2017 11:30:00 PM	437400.000	65.703	17.076
148.002	34505.266	40658.785	26.154
27.648	28.981	1.019	
1/16/2017 11:45:00 PM	438300.000	65.702	17.077
148.000	34501.066	40653.512	26.151
27.644	28.985	1.019	
1/17/2017 12:00:00 AM	439200.000	65.709	17.077
148.016	34500.688	40652.422	26.150
27.644	28.985	1.019	
1/17/2017 12:15:00 AM	440100.000	65.714	17.077
148.027	34466.316	40612.492	26.121
27.616	29.014	1.019	
1/17/2017 12:30:00 AM	441000.000	65.720	17.076
148.041	34481.273	40630.512	26.134
27.629	29.001	1.019	
1/17/2017 12:45:00 AM	441900.000	65.722	17.077
148.044	34469.633	40616.309	26.124
27.619	29.011	1.019	
1/17/2017 1:00:00 AM	442800.000	65.727	17.077
148.056	34456.754	40600.906	26.113
27.609	29.022	1.019	
1/17/2017 1:15:00 AM	443700.000	65.733	17.077
148.070	34500.234	40652.055	26.150
27.643	28.985	1.019	
1/17/2017 1:30:00 AM	444600.000	65.737	17.076
148.079	34459.516	40604.641	26.116
27.611	29.020	1.019	
1/17/2017 1:45:00 AM	445500.000	65.739	17.077
148.083	34450.242	40593.461	26.108
27.604	29.027	1.019	
1/17/2017 2:00:00 AM	446400.000	65.743	17.077
148.092	34488.914	40638.961	26.140
27.634	28.995	1.019	
1/17/2017 2:15:00 AM	447300.000	65.747	17.077
148.102	34464.949	40610.395	26.120
27.615	29.015	1.019	
1/17/2017 2:30:00 AM	448200.000	65.764	17.077
148.139	34472.379	40619.148	26.126
27.621	29.009	1.019	
1/17/2017 2:45:00 AM	449100.000	65.750	17.077
148.109	34468.727	40615.012	26.123
27.618	29.012	1.019	
1/17/2017 3:00:00 AM	450000.000	65.756	17.077
148.121	34494.375	40645.066	26.145
27.639	28.990	1.019	
1/17/2017 3:15:00 AM	450900.000	65.758	17.077
148.127	34457.563	40601.691	26.114
27.609	29.021	1.019	
1/17/2017 3:30:00 AM	451800.000	65.755	17.077
148.120	34507.090	40659.965	26.155
27.649	28.980	1.019	
1/17/2017 3:45:00 AM	452700.000	65.756	17.077
148.121	34493.152	40643.465	26.143
27.638	28.991	1.019	
1/17/2017 4:00:00 AM	453600.000	65.756	17.077

148.122	34475.500	40622.742	26.129
27.623	29.006	1.019	
1/17/2017 4:15:00 AM	454500.000	65.758	17.077
148.127	34463.805	40609.441	26.119
27.614	29.016	1.019	
1/17/2017 4:30:00 AM	455400.000	65.757	17.077
148.125	34511.891	40665.469	26.159
27.653	28.976	1.019	
1/17/2017 4:45:00 AM	456300.000	65.768	17.077
148.149	34464.934	40610.055	26.120
27.615	29.015	1.019	
1/17/2017 5:00:00 AM	457200.000	65.755	17.078
148.120	34533.641	40690.930	26.177
27.670	28.957	1.019	
1/17/2017 5:15:00 AM	458100.000	65.755	17.078
148.119	34478.848	40626.289	26.131
27.626	29.003	1.019	
1/17/2017 5:30:00 AM	459000.000	65.751	17.077
148.110	34490.293	40640.258	26.141
27.635	28.994	1.019	
1/17/2017 5:45:00 AM	459900.000	65.746	17.077
148.100	34545.211	40705.051	26.187
27.679	28.948	1.019	
1/17/2017 6:00:00 AM	460800.000	65.751	17.078
148.112	34480.211	40627.973	26.132
27.627	29.002	1.019	
1/17/2017 6:15:00 AM	461700.000	65.745	17.078
148.098	34531.438	40688.332	26.175
27.668	28.959	1.019	
1/17/2017 6:30:00 AM	462600.000	65.742	17.077
148.090	34489.461	40639.195	26.140
27.635	28.994	1.019	
1/17/2017 6:45:00 AM	463500.000	65.740	17.077
148.085	34475.242	40622.918	26.129
27.624	29.006	1.019	
1/17/2017 7:00:00 AM	464400.000	65.737	17.077
148.079	34480.652	40629.227	26.133
27.628	29.002	1.019	
1/17/2017 7:15:00 AM	465300.000	65.735	17.077
148.073	34469.668	40615.719	26.124
27.619	29.011	1.019	
1/17/2017 7:30:00 AM	466200.000	65.732	17.077
148.068	34464.020	40609.383	26.119
27.614	29.016	1.019	
1/17/2017 7:45:00 AM	467100.000	65.731	17.077
148.066	34462.504	40607.594	26.118
27.613	29.017	1.019	
1/17/2017 8:00:00 AM	468000.000	65.732	17.077
148.068	34462.555	40607.656	26.118
27.613	29.017	1.019	
1/17/2017 8:15:00 AM	468900.000	65.732	17.077
148.067	34477.316	40624.648	26.130
27.625	29.005	1.019	
1/17/2017 8:30:00 AM	469800.000	65.729	17.078
148.062	34513.461	40666.914	26.160
27.654	28.974	1.019	

1/17/2017 8:45:00 AM	470700.000	65.725	17.077
148.051	34479.129	40626.941	26.132
27.626	29.003	1.019	
1/17/2017 9:00:00 AM	471600.000	65.726	17.077
148.054	34530.594	40687.660	26.175
27.668	28.960	1.019	
1/17/2017 9:15:00 AM	472500.000	65.720	17.077
148.042	34495.844	40646.715	26.146
27.640	28.989	1.019	
1/17/2017 9:30:00 AM	473400.000	65.726	17.077
148.054	34472.113	40619.230	26.126
27.621	29.009	1.019	
1/17/2017 9:45:00 AM	474300.000	65.724	17.077
148.049	34519.211	40674.660	26.166
27.659	28.969	1.019	
1/17/2017 10:00:00 AM	475200.000	65.725	17.077
148.051	34472.793	40619.805	26.127
27.621	29.008	1.019	
1/17/2017 10:15:00 AM	476100.000	65.725	17.077
148.053	34485.168	40634.059	26.137
27.631	28.998	1.019	
1/17/2017 10:30:00 AM	477000.000	65.725	17.077
148.051	34473.508	40620.875	26.127
27.622	29.008	1.019	
1/17/2017 10:45:00 AM	477900.000	65.726	17.077
148.055	34467.566	40613.160	26.122
27.617	29.013	1.019	
1/17/2017 11:00:00 AM	478800.000	65.731	17.077
148.064	34485.441	40634.539	26.137
27.631	28.998	1.019	
1/17/2017 11:15:00 AM	479700.000	65.732	17.077
148.068	34443.625	40585.512	26.102
27.598	29.033	1.019	
1/17/2017 11:30:00 AM	480600.000	65.735	17.077
148.074	34534.473	40692.313	26.178
27.671	28.957	1.019	
1/17/2017 11:45:00 AM	481500.000	65.734	17.078
148.073	34532.074	40689.082	26.176
27.669	28.959	1.019	
1/17/2017 12:00:00 PM	482400.000	65.739	17.077
148.083	34457.605	40602.227	26.114
27.610	29.021	1.019	
1/17/2017 12:15:00 PM	483300.000	65.738	17.077
148.082	34468.336	40614.469	26.123
27.618	29.012	1.019	
1/17/2017 12:30:00 PM	484200.000	65.743	17.077
148.093	34506.848	40660.324	26.155
27.649	28.980	1.019	
1/17/2017 12:45:00 PM	485100.000	65.744	17.077
148.095	34490.391	40640.289	26.141
27.635	28.994	1.019	
1/17/2017 1:00:00 PM	486000.000	65.741	17.077
148.089	34475.309	40622.770	26.129
27.623	29.006	1.019	
1/17/2017 1:15:00 PM	486900.000	65.744	17.077
148.095	34537.648	40695.734	26.181

27.673	28.954	1.019	
1/17/2017 1:30:00 PM	487800.000	65.744	17.077
148.095	34522.422	40677.953	26.168
27.661	28.967	1.019	
1/17/2017 1:45:00 PM	488700.000	65.748	17.078
148.104	34501.336	40652.863	26.150
27.644	28.984	1.019	
1/17/2017 2:00:00 PM	489600.000	65.745	17.077
148.098	34458.676	40602.918	26.115
27.610	29.020	1.019	
1/17/2017 2:15:00 PM	490500.000	65.745	17.077
148.097	34541.660	40700.785	26.184
27.677	28.951	1.019	
1/17/2017 2:30:00 PM	491400.000	65.747	17.077
148.100	34473.902	40620.859	26.127
27.622	29.007	1.019	
1/17/2017 2:45:00 PM	492300.000	65.744	17.077
148.095	34516.770	40671.453	26.163
27.657	28.971	1.019	
1/17/2017 3:00:00 PM	493200.000	65.743	17.078
148.093	34478.980	40626.445	26.131
27.626	29.003	1.019	
1/17/2017 3:15:00 PM	494100.000	65.743	17.077
148.094	34497.773	40649.070	26.147
27.641	28.987	1.019	
1/17/2017 3:30:00 PM	495000.000	65.742	17.077
148.090	34460.969	40605.469	26.116
27.612	29.018	1.019	
1/17/2017 3:45:00 PM	495900.000	65.744	17.077
148.095	34483.340	40632.148	26.135
27.630	29.000	1.019	
1/17/2017 4:00:00 PM	496800.000	65.738	17.077
148.082	34547.801	40707.699	26.189
27.681	28.945	1.019	
1/17/2017 4:15:00 PM	497700.000	65.733	17.077
148.070	34519.270	40674.398	26.166
27.659	28.969	1.019	
1/17/2017 4:30:00 PM	498600.000	65.732	17.077
148.067	34504.746	40657.129	26.153
27.647	28.982	1.019	
1/17/2017 4:45:00 PM	499500.000	65.726	17.078
148.055	34479.957	40627.594	26.132
27.627	29.002	1.019	
1/17/2017 5:00:00 PM	500400.000	65.726	17.077
148.055	34464.859	40610.207	26.120
27.615	29.015	1.019	
1/17/2017 5:15:00 PM	501300.000	65.716	17.077
148.032	34469.211	40615.332	26.123
27.618	29.011	1.019	
1/17/2017 5:30:00 PM	502200.000	65.712	17.077
148.022	34472.340	40619.020	26.126
27.621	29.009	1.019	
1/17/2017 5:45:00 PM	503100.000	65.711	17.077
148.020	34511.773	40665.406	26.159
27.652	28.976	1.019	
1/17/2017 6:00:00 PM	504000.000	65.700	17.077

147.997	34502.379	40654.742	26.152
27.645	28.984	1.019	
1/17/2017 6:15:00 PM	504900.000	65.700	17.077
147.995	34506.391	40659.395	26.155
27.648	28.980	1.019	
1/17/2017 6:30:00 PM	505800.000	65.694	17.077
147.982	34450.621	40593.680	26.108
27.604	29.027	1.019	
1/17/2017 6:45:00 PM	506700.000	65.692	17.077
147.978	34478.430	40626.195	26.131
27.626	29.004	1.019	
1/17/2017 7:00:00 PM	507600.000	65.686	17.077
147.964	34455.969	40600.059	26.113
27.608	29.023	1.019	
1/17/2017 7:15:00 PM	508500.000	65.680	17.077
147.951	34506.129	40658.918	26.154
27.648	28.980	1.019	
1/17/2017 7:30:00 PM	509400.000	65.674	17.077
147.937	34467.699	40614.031	26.123
27.618	29.013	1.019	
1/17/2017 7:45:00 PM	510300.000	65.674	17.077
147.937	34470.258	40617.137	26.125
27.620	29.011	1.019	
1/17/2017 8:00:00 PM	511200.000	65.669	17.077
147.926	34462.852	40608.004	26.118
27.613	29.017	1.019	
1/17/2017 8:15:00 PM	512100.000	65.662	17.077
147.911	34542.629	40702.172	26.185
27.677	28.950	1.019	
1/17/2017 8:30:00 PM	513000.000	65.665	17.078
147.916	34467.977	40613.480	26.122
27.617	29.012	1.019	
1/17/2017 8:45:00 PM	513900.000	65.657	17.077
147.898	34470.266	40617.145	26.125
27.620	29.011	1.019	
1/17/2017 9:00:00 PM	514800.000	65.660	17.077
147.906	34447.516	40590.020	26.105
27.601	29.030	1.019	
1/17/2017 9:15:00 PM	515700.000	65.659	17.077
147.904	34436.832	40577.430	26.096
27.593	29.039	1.019	
1/17/2017 9:30:00 PM	516600.000	65.657	17.077
147.898	34447.102	40589.762	26.105
27.601	29.030	1.019	
1/17/2017 9:45:00 PM	517500.000	65.658	17.077
147.902	34483.883	40633.102	26.136
27.631	28.999	1.019	
1/17/2017 10:00:00 PM	518400.000	65.658	17.077
147.902	34480.984	40629.535	26.134
27.628	29.001	1.019	
1/17/2017 10:15:00 PM	519300.000	65.655	17.077
147.894	34500.504	40652.684	26.150
27.644	28.985	1.019	
1/17/2017 10:30:00 PM	520200.000	65.660	17.077
147.905	34480.902	40629.750	26.134
27.628	29.002	1.019	

1/17/2017 10:45:00 PM	521100.000	65.660	17.077
147.906	34455.281	40599.563	26.112
27.608	29.023	1.019	
1/17/2017 11:00:00 PM	522000.000	65.661	17.076
147.909	34464.750	40610.809	26.120
27.615	29.015	1.019	
1/17/2017 11:15:00 PM	522900.000	65.665	17.077
147.917	34475.602	40623.113	26.129
27.624	29.006	1.019	
1/17/2017 11:30:00 PM	523800.000	65.670	17.077
147.927	34481.348	40629.715	26.134
27.628	29.001	1.019	
1/17/2017 11:45:00 PM	524700.000	65.674	17.077
147.938	34524.055	40680.121	26.170
27.662	28.965	1.019	
1/18/2017 12:00:00 AM	525600.000	65.676	17.077
147.941	34487.402	40637.020	26.139
27.633	28.996	1.019	
1/18/2017 12:15:00 AM	526500.000	65.683	17.077
147.957	34526.652	40683.344	26.172
27.665	28.963	1.019	
1/18/2017 12:30:00 AM	527400.000	65.686	17.077
147.965	34479.305	40627.391	26.132
27.627	29.003	1.019	
1/18/2017 12:45:00 AM	528300.000	65.689	17.077
147.972	34501.008	40652.965	26.150
27.644	28.985	1.019	
1/18/2017 1:00:00 AM	529200.000	65.691	17.077
147.975	34473.609	40620.996	26.127
27.622	29.008	1.019	
1/18/2017 1:15:00 AM	530100.000	65.696	17.077
147.986	34454.883	40599.020	26.112
27.607	29.023	1.019	
1/18/2017 1:30:00 AM	531000.000	65.717	17.077
148.035	34463.297	40608.289	26.118
27.614	29.016	1.019	
1/18/2017 1:45:00 AM	531900.000	65.707	17.077
148.011	34504.313	40656.617	26.153
27.647	28.982	1.019	
1/18/2017 2:00:00 AM	532800.000	65.711	17.077
148.020	34494.926	40646.043	26.145
27.639	28.990	1.019	
1/18/2017 2:15:00 AM	533700.000	65.714	17.077
148.027	34511.828	40666.121	26.160
27.653	28.976	1.019	
1/18/2017 2:30:00 AM	534600.000	65.715	17.076
148.029	34464.254	40610.375	26.120
27.615	29.016	1.019	
1/18/2017 2:45:00 AM	535500.000	65.721	17.077
148.044	34486.660	40636.059	26.138
27.633	28.997	1.019	
1/18/2017 3:00:00 AM	536400.000	65.725	17.077
148.052	34491.813	40642.215	26.143
27.637	28.992	1.019	
1/18/2017 3:15:00 AM	537300.000	65.728	17.077
148.058	34486.449	40635.809	26.138

27.632	28.997	1.019	
1/18/2017 3:30:00 AM	538200.000	65.726	17.077
148.054	34444.504	40586.066	26.103
27.599	29.032	1.019	
1/18/2017 3:45:00 AM	539100.000	65.733	17.078
148.070	34469.367	40615.195	26.123
27.618	29.011	1.019	
1/18/2017 4:00:00 AM	540000.000	65.734	17.078
148.073	34469.695	40615.344	26.123
27.618	29.011	1.019	
1/18/2017 4:15:00 AM	540900.000	65.735	17.077
148.073	34509.449	40662.668	26.157
27.651	28.978	1.019	
1/18/2017 4:30:00 AM	541800.000	65.747	17.077
148.102	34493.691	40644.262	26.144
27.638	28.991	1.019	
1/18/2017 4:45:00 AM	542700.000	65.731	17.078
148.064	34535.109	40692.344	26.178
27.671	28.956	1.019	
1/18/2017 5:00:00 AM	543600.000	65.733	17.078
148.069	34513.082	40666.625	26.160
27.653	28.975	1.019	
1/18/2017 5:15:00 AM	544500.000	65.732	17.078
148.068	34536.094	40693.820	26.179
27.672	28.955	1.019	
1/18/2017 5:30:00 AM	545400.000	65.727	17.078
148.056	34469.645	40615.445	26.124
27.619	29.011	1.019	
1/18/2017 5:45:00 AM	546300.000	65.730	17.078
148.063	34519.223	40673.781	26.165
27.658	28.969	1.019	
1/18/2017 6:00:00 AM	547200.000	65.732	17.078
148.069	34481.977	40629.816	26.134
27.628	29.001	1.019	
1/18/2017 6:15:00 AM	548100.000	65.742	17.077
148.090	34488.563	40637.898	26.140
27.634	28.995	1.019	
1/18/2017 6:30:00 AM	549000.000	65.730	17.077
148.063	34481.273	40629.547	26.134
27.628	29.001	1.019	
1/18/2017 6:45:00 AM	549900.000	65.728	17.078
148.058	34542.824	40701.672	26.185
27.677	28.950	1.019	
1/18/2017 7:00:00 AM	550800.000	65.727	17.078
148.056	34499.914	40650.621	26.149
27.642	28.986	1.019	
1/18/2017 7:15:00 AM	551700.000	65.720	17.078
148.042	34533.891	40690.984	26.177
27.670	28.957	1.019	
1/18/2017 7:30:00 AM	552600.000	65.733	17.078
148.069	34545.609	40705.031	26.187
27.679	28.947	1.019	
1/18/2017 7:45:00 AM	553500.000	65.721	17.078
148.044	34465.594	40610.344	26.120
27.615	29.014	1.019	
1/18/2017 8:00:00 AM	554400.000	65.715	17.078

148.030	34536.355	40693.813	26.179
27.672	28.955	1.019	
1/18/2017 8:15:00 AM	555300.000	65.712	17.078
148.024	34555.828	40717.070	26.196
27.688	28.939	1.019	
1/18/2017 8:30:00 AM	556200.000	65.712	17.078
148.022	34534.473	40691.672	26.178
27.670	28.957	1.019	
1/18/2017 8:45:00 AM	557100.000	65.719	17.078
148.038	34483.316	40631.473	26.135
27.629	29.000	1.019	
1/18/2017 9:00:00 AM	558000.000	65.713	17.078
148.025	34504.953	40656.887	26.153
27.647	28.981	1.019	
1/18/2017 9:15:00 AM	558900.000	65.702	17.078
148.000	34541.332	40699.195	26.183
27.675	28.951	1.019	
1/18/2017 9:30:00 AM	559800.000	65.727	17.078
148.057	34483.957	40631.820	26.135
27.630	28.999	1.019	
1/18/2017 9:45:00 AM	560700.000	65.709	17.078
148.016	34521.406	40676.273	26.167
27.660	28.968	1.019	
1/18/2017 10:00:00 AM	561600.000	65.704	17.077
148.005	34545.480	40705.125	26.187
27.679	28.947	1.019	
1/18/2017 10:15:00 AM	562500.000	65.698	17.078
147.992	34510.996	40664.086	26.158
27.652	28.976	1.019	
1/18/2017 10:30:00 AM	563400.000	65.700	17.078
147.995	34495.512	40645.359	26.145
27.639	28.989	1.019	
1/18/2017 10:45:00 AM	564300.000	65.706	17.078
148.010	34534.141	40691.203	26.178
27.670	28.957	1.019	
1/18/2017 11:00:00 AM	565200.000	65.706	17.078
148.009	34515.980	40669.883	26.162
27.656	28.972	1.019	
1/18/2017 11:15:00 AM	566100.000	65.704	17.078
148.005	34554.406	40714.754	26.194
27.686	28.940	1.019	
1/18/2017 11:30:00 AM	567000.000	65.702	17.078
148.000	34537.652	40695.418	26.181
27.673	28.954	1.019	
1/18/2017 11:45:00 AM	567900.000	65.716	17.078
148.031	34448.398	40590.172	26.106
27.601	29.029	1.019	
1/18/2017 12:00:00 PM	568800.000	65.709	17.078
148.015	34538.605	40696.051	26.181
27.673	28.953	1.019	
1/18/2017 12:15:00 PM	569700.000	65.707	17.078
148.011	34539.336	40697.074	26.182
27.674	28.952	1.019	
1/18/2017 12:30:00 PM	570600.000	65.706	17.078
148.009	34467.156	40612.277	26.121
27.616	29.013	1.019	

1/18/2017 12:45:00 PM	571500.000	65.710	17.078
148.019	34528.594	40684.414	26.173
27.665	28.962	1.019	
1/18/2017 1:00:00 PM	572400.000	65.709	17.078
148.017	34492.215	40641.473	26.142
27.636	28.992	1.019	
1/18/2017 1:15:00 PM	573300.000	65.711	17.078
148.020	34526.215	40681.699	26.171
27.664	28.963	1.019	
1/18/2017 1:30:00 PM	574200.000	65.721	17.078
148.043	34481.945	40629.449	26.134
27.628	29.001	1.019	
1/18/2017 1:45:00 PM	575100.000	65.719	17.079
148.038	34493.648	40642.922	26.143
27.637	28.991	1.019	
1/18/2017 2:00:00 PM	576000.000	65.719	17.079
148.039	34538.816	40696.070	26.181
27.673	28.953	1.019	
1/18/2017 2:15:00 PM	576900.000	65.721	17.078
148.044	34531.000	40687.410	26.175
27.667	28.959	1.019	
1/18/2017 2:30:00 PM	577800.000	65.719	17.078
148.039	34553.109	40713.387	26.193
27.685	28.941	1.019	
1/18/2017 2:45:00 PM	578700.000	65.725	17.078
148.051	34512.184	40665.238	26.159
27.652	28.975	1.019	
1/18/2017 3:00:00 PM	579600.000	65.727	17.079
148.057	34539.719	40697.133	26.182
27.674	28.952	1.019	
1/18/2017 3:15:00 PM	580500.000	65.728	17.079
148.058	34515.063	40668.082	26.161
27.654	28.973	1.019	
1/18/2017 3:30:00 PM	581400.000	65.728	17.079
148.058	34491.660	40640.340	26.141
27.635	28.993	1.019	
1/18/2017 3:45:00 PM	582300.000	65.725	17.078
148.053	34532.270	40688.832	26.176
27.668	28.958	1.019	
1/18/2017 4:00:00 PM	583200.000	65.726	17.079
148.055	34507.734	40659.359	26.155
27.648	28.979	1.019	
1/18/2017 4:15:00 PM	584100.000	65.728	17.078
148.059	34524.117	40678.914	26.169
27.662	28.965	1.019	
1/18/2017 4:30:00 PM	585000.000	65.726	17.078
148.055	34549.227	40708.500	26.190
27.682	28.944	1.019	
1/18/2017 4:45:00 PM	585900.000	65.732	17.079
148.067	34557.707	40718.238	26.197
27.688	28.937	1.019	
1/18/2017 5:00:00 PM	586800.000	65.723	17.079
148.048	34479.301	40625.945	26.131
27.626	29.003	1.019	
1/18/2017 5:15:00 PM	587700.000	65.726	17.079
148.055	34494.559	40643.832	26.144

27.638	28.990	1.019	
1/18/2017 5:30:00 PM	588600.000	65.724	17.078
148.049	34503.598	40654.887	26.152
27.645	28.982	1.019	
1/18/2017 5:45:00 PM	589500.000	65.719	17.079
148.038	34512.820	40665.109	26.159
27.652	28.975	1.019	
1/18/2017 6:00:00 PM	590400.000	65.716	17.078
148.031	34539.141	40696.844	26.182
27.674	28.953	1.019	
1/18/2017 6:15:00 PM	591300.000	65.715	17.079
148.030	34519.852	40673.480	26.165
27.658	28.969	1.019	
1/18/2017 6:30:00 PM	592200.000	65.713	17.078
148.026	34503.520	40654.793	26.152
27.645	28.983	1.019	
1/18/2017 6:45:00 PM	593100.000	65.728	17.078
148.058	34564.113	40726.266	26.203
27.694	28.932	1.019	
1/18/2017 7:00:00 PM	594000.000	65.709	17.078
148.016	34541.270	40699.273	26.183
27.676	28.951	1.019	
1/18/2017 7:15:00 PM	594900.000	65.706	17.079
148.010	34542.047	40699.945	26.184
27.676	28.950	1.019	
1/18/2017 7:30:00 PM	595800.000	65.700	17.078
147.995	34522.883	40677.938	26.168
27.661	28.966	1.019	
1/18/2017 7:45:00 PM	596700.000	65.696	17.078
147.986	34554.539	40715.391	26.195
27.686	28.940	1.019	
1/18/2017 8:00:00 PM	597600.000	65.696	17.078
147.987	34498.734	40649.395	26.148
27.642	28.987	1.019	
1/18/2017 8:15:00 PM	598500.000	65.689	17.079
147.970	34511.703	40664.195	26.158
27.652	28.976	1.019	
1/18/2017 8:30:00 PM	599400.000	65.684	17.078
147.960	34500.961	40651.941	26.150
27.643	28.985	1.019	
1/18/2017 8:45:00 PM	600300.000	65.686	17.078
147.964	34541.594	40699.656	26.184
27.676	28.951	1.019	
1/18/2017 9:00:00 PM	601200.000	65.683	17.078
147.957	34508.418	40660.895	26.156
27.649	28.978	1.019	
1/18/2017 9:15:00 PM	602100.000	65.696	17.078
147.986	34547.285	40706.211	26.188
27.680	28.946	1.019	
1/18/2017 9:30:00 PM	603000.000	65.684	17.078
147.961	34530.461	40687.020	26.175
27.667	28.960	1.019	
1/18/2017 9:45:00 PM	603900.000	65.684	17.079
147.960	34542.500	40700.410	26.184
27.676	28.950	1.019	
1/18/2017 10:00:00 PM	604800.000	65.677	17.078

147.943	34561.977	40723.750	26.201
27.692	28.934	1.019	
1/18/2017 10:15:00 PM	605700.000	65.675	17.078
147.940	34543.664	40702.332	26.185
27.678	28.949	1.019	
1/18/2017 10:30:00 PM	606600.000	65.677	17.078
147.943	34538.813	40696.617	26.181
27.674	28.953	1.019	
1/18/2017 10:45:00 PM	607500.000	65.679	17.078
147.948	34535.586	40692.426	26.178
27.671	28.956	1.019	
1/18/2017 11:00:00 PM	608400.000	65.681	17.079
147.954	34529.313	40684.871	26.173
27.666	28.961	1.019	
1/18/2017 11:15:00 PM	609300.000	65.680	17.078
147.951	34544.629	40703.082	26.186
27.678	28.948	1.019	
1/18/2017 11:30:00 PM	610200.000	65.683	17.079
147.958	34543.859	40702.012	26.185
27.677	28.949	1.019	
1/18/2017 11:45:00 PM	611100.000	65.702	17.078
148.001	34547.285	40706.523	26.188
27.680	28.946	1.019	

Report Date: 1/20/2017 8:28:08 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_2017-01-19_10-00-45-680.wsl
Create Date: 1/19/2017 10:00:39 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

Log Data:
Record Count: 721
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
231ft		231ft		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
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)	

1/12/2017 12:00:00 AM	7200.000		19.933	17.364
44.900	33875.371		39660.055	25.457
26.969	29.520		1.018	
1/12/2017 12:15:00 AM	8100.000		19.932	17.363
44.898	33879.996		39666.086	25.462
26.973	29.516		1.018	
1/12/2017 12:30:00 AM	9000.000		19.932	17.362
44.899	33861.461		39645.094	25.447
26.959	29.532		1.018	
1/12/2017 12:45:00 AM	9900.000		19.928	17.363
44.889	33864.207		39647.133	25.448
26.960	29.530		1.018	
1/12/2017 1:00:00 AM	10800.000		19.926	17.363
44.885	33847.520		39627.836	25.434
26.947	29.544		1.018	
1/12/2017 1:15:00 AM	11700.000		19.929	17.361
44.892	33852.750		39635.824	25.440
26.952	29.540		1.018	
1/12/2017 1:30:00 AM	12600.000		19.928	17.363
44.889	33861.367		39644.516	25.446
26.958	29.532		1.018	
1/12/2017 1:45:00 AM	13500.000		19.925	17.361
44.884	33873.816		39660.340	25.457
26.969	29.521		1.018	

1/12/2017 2:00:00 AM	14400.000	19.924	17.363
44.880	33879.602	39665.398	25.461
26.972	29.516	1.018	
1/12/2017 2:15:00 AM	15300.000	19.924	17.363
44.880	33850.613	39631.773	25.437
26.950	29.542	1.018	
1/12/2017 2:30:00 AM	16200.000	19.920	17.363
44.872	33883.547	39670.086	25.464
26.976	29.513	1.018	
1/12/2017 2:45:00 AM	17100.000	19.918	17.363
44.867	33883.910	39670.512	25.465
26.976	29.513	1.018	
1/12/2017 3:00:00 AM	18000.000	19.916	17.364
44.863	33885.953	39671.902	25.466
26.977	29.511	1.018	
1/12/2017 3:15:00 AM	18900.000	19.921	17.363
44.874	33883.324	39669.824	25.464
26.975	29.513	1.018	
1/12/2017 3:30:00 AM	19800.000	19.917	17.365
44.865	33843.492	39621.480	25.430
26.943	29.548	1.018	
1/12/2017 3:45:00 AM	20700.000	19.911	17.365
44.853	33902.438	39690.730	25.479
26.990	29.496	1.018	
1/12/2017 4:00:00 AM	21600.000	19.909	17.364
44.848	33898.258	39686.375	25.476
26.987	29.500	1.018	
1/12/2017 4:15:00 AM	22500.000	19.914	17.364
44.859	33872.492	39655.988	25.454
26.966	29.522	1.018	
1/12/2017 4:30:00 AM	23400.000	19.914	17.365
44.859	33884.238	39669.344	25.464
26.975	29.512	1.018	
1/12/2017 4:45:00 AM	24300.000	19.909	17.364
44.847	33894.785	39681.930	25.473
26.984	29.503	1.018	
1/12/2017 5:00:00 AM	25200.000	19.910	17.363
44.850	33857.820	39639.586	25.443
26.955	29.535	1.018	
1/12/2017 5:15:00 AM	26100.000	19.913	17.363
44.855	33897.809	39686.406	25.476
26.987	29.500	1.018	
1/12/2017 5:30:00 AM	27000.000	19.905	17.364
44.839	33890.164	39677.145	25.469
26.980	29.507	1.018	
1/12/2017 5:45:00 AM	27900.000	19.904	17.363
44.836	33856.148	39637.695	25.441
26.954	29.537	1.018	
1/12/2017 6:00:00 AM	28800.000	19.905	17.363
44.839	33864.836	39648.422	25.449
26.961	29.529	1.018	
1/12/2017 6:15:00 AM	29700.000	19.904	17.364
44.835	33883.582	39669.438	25.464
26.975	29.513	1.018	
1/12/2017 6:30:00 AM	30600.000	19.901	17.360

44.829	33884.145	39673.285	25.466
26.978	29.512	1.018	
1/12/2017 6:45:00 AM	31500.000	19.898	17.361
44.822	33877.520	39665.059	25.461
26.972	29.518	1.018	
1/12/2017 7:00:00 AM	32400.000	19.900	17.363
44.826	33889.340	39677.023	25.469
26.980	29.508	1.018	
1/12/2017 7:15:00 AM	33300.000	19.895	17.364
44.815	33888.199	39675.000	25.468
26.979	29.509	1.018	
1/12/2017 7:30:00 AM	34200.000	19.898	17.361
44.822	33854.184	39637.422	25.441
26.953	29.538	1.018	
1/12/2017 7:45:00 AM	35100.000	19.898	17.360
44.823	33892.520	39683.559	25.474
26.985	29.505	1.018	
1/12/2017 8:00:00 AM	36000.000	19.893	17.360
44.811	33915.602	39710.582	25.493
27.003	29.485	1.018	
1/12/2017 8:15:00 AM	36900.000	19.892	17.360
44.808	33839.961	39621.781	25.430
26.943	29.551	1.018	
1/12/2017 8:30:00 AM	37800.000	19.894	17.358
44.814	33888.086	39680.234	25.471
26.983	29.509	1.018	
1/12/2017 8:45:00 AM	38700.000	19.887	17.356
44.797	33915.633	39713.809	25.495
27.005	29.485	1.018	
1/12/2017 9:00:00 AM	39600.000	19.890	17.355
44.804	33884.160	39677.500	25.469
26.981	29.512	1.018	
1/12/2017 9:15:00 AM	40500.000	19.888	17.354
44.801	33898.477	39695.656	25.482
26.993	29.500	1.018	
1/12/2017 9:30:00 AM	41400.000	19.884	17.354
44.791	33871.582	39664.164	25.460
26.972	29.523	1.018	
1/12/2017 9:45:00 AM	42300.000	19.886	17.352
44.796	33893.516	39691.797	25.479
26.990	29.504	1.018	
1/12/2017 10:00:00 AM	43200.000	19.884	17.350
44.792	33888.359	39686.934	25.476
26.987	29.509	1.018	
1/12/2017 10:15:00 AM	44100.000	19.876	17.350
44.772	33903.738	39705.398	25.489
27.000	29.495	1.018	
1/12/2017 10:30:00 AM	45000.000	19.880	17.348
44.781	33867.824	39664.672	25.460
26.972	29.527	1.018	
1/12/2017 10:45:00 AM	45900.000	19.880	17.347
44.781	33880.914	39681.020	25.471
26.983	29.515	1.018	
1/12/2017 11:00:00 AM	46800.000	19.883	17.346
44.789	33898.535	39702.816	25.487

26.998	29.500	1.018	
1/12/2017 11:15:00 AM	47700.000	19.876	17.346
44.772	33883.250	39684.453	25.474
26.985	29.513	1.018	
1/12/2017 11:30:00 AM	48600.000	19.878	17.345
44.776	33896.680	39701.191	25.486
26.997	29.501	1.018	
1/12/2017 11:45:00 AM	49500.000	19.876	17.342
44.773	33880.133	39685.000	25.474
26.986	29.516	1.018	
1/12/2017 12:00:00 PM	50400.000	19.880	17.344
44.781	33879.527	39682.348	25.472
26.984	29.516	1.018	
1/12/2017 12:15:00 PM	51300.000	19.880	17.346
44.781	33910.152	39716.574	25.497
27.007	29.490	1.018	
1/12/2017 12:30:00 PM	52200.000	19.880	17.339
44.782	33868.004	39673.434	25.466
26.978	29.526	1.018	
1/12/2017 12:45:00 PM	53100.000	19.874	17.344
44.769	33900.133	39706.793	25.490
27.001	29.498	1.018	
1/12/2017 1:00:00 PM	54000.000	19.876	17.343
44.773	33885.422	39689.719	25.477
26.989	29.511	1.018	
1/12/2017 1:15:00 PM	54900.000	19.874	17.343
44.768	33893.383	39699.203	25.484
26.995	29.504	1.018	
1/12/2017 1:30:00 PM	55800.000	19.874	17.344
44.767	33895.848	39701.379	25.486
26.997	29.502	1.018	
1/12/2017 1:45:00 PM	56700.000	19.871	17.343
44.761	33862.703	39663.496	25.459
26.971	29.531	1.018	
1/12/2017 2:00:00 PM	57600.000	19.872	17.343
44.764	33887.707	39692.395	25.479
26.991	29.509	1.018	
1/12/2017 2:15:00 PM	58500.000	19.868	17.345
44.755	33890.355	39694.242	25.481
26.992	29.507	1.018	
1/12/2017 2:30:00 PM	59400.000	19.866	17.347
44.750	33920.434	39727.758	25.505
27.015	29.481	1.018	
1/12/2017 2:45:00 PM	60300.000	19.868	17.349
44.754	33895.859	39697.266	25.483
26.994	29.502	1.018	
1/12/2017 3:00:00 PM	61200.000	19.870	17.349
44.759	33911.414	39715.098	25.496
27.006	29.489	1.018	
1/12/2017 3:15:00 PM	62100.000	19.866	17.351
44.750	33905.078	39705.809	25.489
27.000	29.494	1.018	
1/12/2017 3:30:00 PM	63000.000	19.864	17.352
44.745	33906.059	39706.176	25.489
27.000	29.493	1.018	

1/12/2017 3:45:00 PM	63900.000	19.865	17.353
44.749	33933.988	39738.023	25.512
27.022	29.469	1.018	
1/12/2017 4:00:00 PM	64800.000	19.861	17.353
44.740	33888.633	39684.910	25.474
26.986	29.508	1.018	
1/12/2017 4:15:00 PM	65700.000	19.864	17.357
44.746	33955.578	39760.117	25.528
27.037	29.450	1.018	
1/12/2017 4:30:00 PM	66600.000	19.863	17.357
44.743	33939.352	39740.559	25.514
27.024	29.464	1.018	
1/12/2017 4:45:00 PM	67500.000	19.859	17.358
44.735	33890.824	39682.809	25.473
26.984	29.507	1.018	
1/12/2017 5:00:00 PM	68400.000	19.859	17.358
44.734	33896.680	39689.906	25.478
26.989	29.501	1.018	
1/12/2017 5:15:00 PM	69300.000	19.862	17.359
44.741	33929.070	39726.582	25.504
27.014	29.473	1.018	
1/12/2017 5:30:00 PM	70200.000	19.855	17.361
44.725	33918.273	39712.145	25.494
27.004	29.483	1.018	
1/12/2017 5:45:00 PM	71100.000	19.857	17.363
44.729	33952.270	39750.945	25.522
27.031	29.453	1.018	
1/12/2017 6:00:00 PM	72000.000	19.855	17.363
44.725	33955.801	39754.770	25.525
27.033	29.450	1.018	
1/12/2017 6:15:00 PM	72900.000	19.854	17.363
44.724	33937.598	39733.145	25.509
27.019	29.466	1.018	
1/12/2017 6:30:00 PM	73800.000	19.856	17.364
44.728	33925.293	39717.871	25.498
27.008	29.477	1.018	
1/12/2017 6:45:00 PM	74700.000	19.850	17.365
44.714	33973.500	39773.773	25.538
27.046	29.435	1.018	
1/12/2017 7:00:00 PM	75600.000	19.851	17.365
44.715	33936.926	39730.398	25.507
27.017	29.466	1.018	
1/12/2017 7:15:00 PM	76500.000	19.852	17.366
44.718	33959.855	39756.707	25.526
27.035	29.447	1.018	
1/12/2017 7:30:00 PM	77400.000	19.852	17.366
44.718	33913.746	39703.039	25.488
26.998	29.487	1.018	
1/12/2017 7:45:00 PM	78300.000	19.853	17.367
44.721	33956.359	39751.746	25.523
27.031	29.450	1.018	
1/12/2017 8:00:00 PM	79200.000	19.852	17.366
44.718	33957.313	39754.043	25.524
27.033	29.449	1.018	
1/12/2017 8:15:00 PM	80100.000	19.848	17.367

44.710	33928.020	39719.035	25.499
27.009	29.474	1.018	
1/12/2017 8:30:00 PM	81000.000	19.847	17.366
44.708	33921.598	39711.918	25.494
27.004	29.480	1.018	
1/12/2017 8:45:00 PM	81900.000	19.847	17.366
44.707	33933.941	39726.605	25.505
27.014	29.469	1.018	
1/12/2017 9:00:00 PM	82800.000	19.848	17.365
44.710	33939.211	39733.164	25.509
27.019	29.464	1.018	
1/12/2017 9:15:00 PM	83700.000	19.847	17.364
44.707	33911.047	39701.594	25.487
26.997	29.489	1.018	
1/12/2017 9:30:00 PM	84600.000	19.847	17.365
44.706	33914.375	39704.629	25.489
26.999	29.486	1.018	
1/12/2017 9:45:00 PM	85500.000	19.847	17.364
44.706	33894.840	39682.531	25.473
26.984	29.503	1.018	
1/12/2017 10:00:00 PM	86400.000	19.843	17.364
44.699	33915.715	39706.590	25.490
27.000	29.485	1.018	
1/12/2017 10:15:00 PM	87300.000	19.843	17.363
44.697	33898.895	39688.145	25.477
26.988	29.499	1.018	
1/12/2017 10:30:00 PM	88200.000	19.843	17.361
44.699	33870.598	39656.324	25.455
26.966	29.524	1.018	
1/12/2017 10:45:00 PM	89100.000	19.839	17.362
44.689	33895.484	39684.996	25.475
26.986	29.502	1.018	
1/12/2017 11:00:00 PM	90000.000	19.844	17.361
44.700	33890.281	39680.156	25.471
26.983	29.507	1.018	
1/12/2017 11:15:00 PM	90900.000	19.843	17.360
44.698	33882.250	39671.141	25.465
26.976	29.514	1.018	
1/12/2017 11:30:00 PM	91800.000	19.844	17.360
44.700	33891.152	39681.254	25.472
26.983	29.506	1.018	
1/12/2017 11:45:00 PM	92700.000	19.839	17.359
44.690	33872.590	39660.684	25.458
26.969	29.522	1.018	
1/13/2017 12:00:00 AM	93600.000	19.843	17.358
44.697	33866.117	39653.961	25.453
26.965	29.528	1.018	
1/13/2017 12:15:00 AM	94500.000	19.841	17.359
44.693	33906.883	39700.914	25.486
26.997	29.493	1.018	
1/13/2017 12:30:00 AM	95400.000	19.839	17.359
44.690	33913.098	39708.504	25.491
27.002	29.487	1.018	
1/13/2017 12:45:00 AM	96300.000	19.838	17.359
44.686	33903.637	39697.426	25.484

26.994	29.495	1.018	
1/13/2017 1:00:00 AM	97200.000	19.833	17.357
44.676	33861.230	39649.328	25.449
26.962	29.532	1.018	
1/13/2017 1:15:00 AM	98100.000	19.838	17.358
44.687	33890.543	39682.785	25.473
26.984	29.507	1.018	
1/13/2017 1:30:00 AM	99000.000	19.836	17.356
44.684	33881.734	39674.184	25.467
26.978	29.514	1.018	
1/13/2017 1:45:00 AM	99900.000	19.838	17.357
44.686	33892.512	39686.184	25.476
26.987	29.505	1.018	
1/13/2017 2:00:00 AM	100800.000	19.836	17.357
44.682	33910.215	39706.996	25.490
27.001	29.490	1.018	
1/13/2017 2:15:00 AM	101700.000	19.832	17.356
44.673	33860.805	39649.922	25.450
26.962	29.533	1.018	
1/13/2017 2:30:00 AM	102600.000	19.835	17.357
44.681	33897.703	39692.191	25.480
26.991	29.501	1.018	
1/13/2017 2:45:00 AM	103500.000	19.836	17.356
44.682	33908.590	39705.254	25.489
27.000	29.491	1.018	
1/13/2017 3:00:00 AM	104400.000	19.831	17.356
44.672	33885.668	39678.793	25.470
26.982	29.511	1.018	
1/13/2017 3:15:00 AM	105300.000	19.835	17.357
44.680	33881.898	39673.598	25.467
26.978	29.514	1.018	
1/13/2017 3:30:00 AM	106200.000	19.829	17.356
44.666	33866.285	39656.492	25.454
26.966	29.528	1.018	
1/13/2017 3:45:00 AM	107100.000	19.836	17.357
44.682	33894.414	39687.941	25.477
26.988	29.503	1.018	
1/13/2017 4:00:00 AM	108000.000	19.829	17.356
44.666	33909.824	39707.395	25.491
27.001	29.490	1.018	
1/13/2017 4:15:00 AM	108900.000	19.826	17.355
44.661	33881.586	39675.035	25.468
26.979	29.515	1.018	
1/13/2017 4:30:00 AM	109800.000	19.826	17.357
44.661	33896.559	39690.453	25.479
26.990	29.502	1.018	
1/13/2017 4:45:00 AM	110700.000	19.830	17.357
44.670	33894.758	39688.652	25.477
26.988	29.503	1.018	
1/13/2017 5:00:00 AM	111600.000	19.826	17.357
44.659	33937.461	39738.656	25.513
27.022	29.466	1.018	
1/13/2017 5:15:00 AM	112500.000	19.832	17.359
44.673	33888.965	39680.402	25.471
26.983	29.508	1.018	

1/13/2017 5:30:00 AM	113400.000	19.824	17.358
44.655	33921.016	39718.625	25.499
27.009	29.480	1.018	
1/13/2017 5:45:00 AM	114300.000	19.826	17.357
44.661	33868.547	39658.051	25.456
26.967	29.526	1.018	
1/13/2017 6:00:00 AM	115200.000	19.823	17.357
44.653	33895.223	39689.043	25.478
26.989	29.503	1.018	
1/13/2017 6:15:00 AM	116100.000	19.829	17.357
44.667	33912.273	39709.254	25.492
27.002	29.488	1.018	
1/13/2017 6:30:00 AM	117000.000	19.823	17.356
44.653	33907.391	39703.914	25.488
26.999	29.492	1.018	
1/13/2017 6:45:00 AM	117900.000	19.823	17.358
44.654	33920.172	39717.023	25.497
27.008	29.481	1.018	
1/13/2017 7:00:00 AM	118800.000	19.824	17.358
44.655	33902.180	39696.031	25.483
26.993	29.497	1.018	
1/13/2017 7:15:00 AM	119700.000	19.820	17.356
44.646	33909.656	39707.035	25.490
27.001	29.490	1.018	
1/13/2017 7:30:00 AM	120600.000	19.824	17.354
44.656	33917.555	39717.465	25.498
27.008	29.483	1.018	
1/13/2017 7:45:00 AM	121500.000	19.817	17.354
44.640	33891.320	39686.816	25.476
26.987	29.506	1.018	
1/13/2017 8:00:00 AM	122400.000	19.818	17.355
44.643	33932.113	39734.199	25.510
27.019	29.471	1.018	
1/13/2017 8:15:00 AM	123300.000	19.820	17.354
44.646	33916.953	39716.832	25.497
27.007	29.484	1.018	
1/13/2017 8:30:00 AM	124200.000	19.816	17.355
44.638	33916.477	39715.578	25.496
27.007	29.484	1.018	
1/13/2017 8:45:00 AM	125100.000	19.815	17.354
44.635	33919.566	39719.977	25.499
27.010	29.482	1.018	
1/13/2017 9:00:00 AM	126000.000	19.818	17.352
44.641	33909.164	39709.582	25.492
27.003	29.491	1.018	
1/13/2017 9:15:00 AM	126900.000	19.816	17.351
44.638	33909.238	39710.449	25.493
27.003	29.490	1.018	
1/13/2017 9:30:00 AM	127800.000	19.818	17.351
44.641	33897.750	39697.539	25.483
26.994	29.500	1.018	
1/13/2017 9:45:00 AM	128700.000	19.817	17.351
44.639	33927.184	39732.164	25.508
27.018	29.475	1.018	
1/13/2017 10:00:00 AM	129600.000	19.812	17.349

44.627	33896.605	39697.602	25.483
26.994	29.501	1.018	
1/13/2017 10:15:00 AM	130500.000	19.817	17.349
44.639	33912.605	39716.414	25.497
27.007	29.488	1.018	
1/13/2017 10:30:00 AM	131400.000	19.812	17.348
44.629	33935.164	39743.766	25.516
27.026	29.468	1.018	
1/13/2017 10:45:00 AM	132300.000	19.812	17.347
44.629	33925.598	39733.648	25.509
27.019	29.476	1.018	
1/13/2017 11:00:00 AM	133200.000	19.812	17.346
44.629	33871.090	39670.824	25.464
26.976	29.524	1.018	
1/13/2017 11:15:00 AM	134100.000	19.809	17.346
44.622	33923.320	39731.383	25.507
27.017	29.478	1.018	
1/13/2017 11:30:00 AM	135000.000	19.814	17.346
44.633	33951.371	39764.309	25.531
27.040	29.454	1.018	
1/13/2017 11:45:00 AM	135900.000	19.810	17.344
44.624	33904.145	39710.941	25.493
27.003	29.495	1.018	
1/13/2017 12:00:00 PM	136800.000	19.810	17.346
44.624	33911.316	39717.855	25.498
27.008	29.489	1.018	
1/13/2017 12:15:00 PM	137700.000	19.810	17.345
44.624	33933.840	39744.789	25.517
27.026	29.469	1.018	
1/13/2017 12:30:00 PM	138600.000	19.808	17.345
44.619	33901.684	39707.750	25.490
27.001	29.497	1.018	
1/13/2017 12:45:00 PM	139500.000	19.807	17.345
44.618	33911.887	39719.699	25.499
27.009	29.488	1.018	
1/13/2017 1:00:00 PM	140400.000	19.810	17.346
44.623	33963.375	39778.680	25.541
27.050	29.443	1.018	
1/13/2017 1:15:00 PM	141300.000	19.806	17.344
44.615	33903.465	39710.078	25.492
27.003	29.496	1.018	
1/13/2017 1:30:00 PM	142200.000	19.805	17.345
44.614	33940.234	39752.902	25.522
27.032	29.464	1.018	
1/13/2017 1:45:00 PM	143100.000	19.809	17.344
44.622	33916.398	39725.066	25.503
27.013	29.484	1.018	
1/13/2017 2:00:00 PM	144000.000	19.807	17.346
44.618	33922.223	39730.559	25.507
27.017	29.479	1.018	
1/13/2017 2:15:00 PM	144900.000	19.806	17.348
44.614	33902.098	39704.730	25.488
26.999	29.497	1.018	
1/13/2017 2:30:00 PM	145800.000	19.799	17.349
44.600	33938.027	39746.188	25.518

27.027	29.465	1.018	
1/13/2017 2:45:00 PM	146700.000	19.799	17.348
44.598	33883.836	39684.121	25.474
26.985	29.513	1.018	
1/13/2017 3:00:00 PM	147600.000	19.805	17.350
44.612	33893.676	39693.160	25.480
26.991	29.504	1.018	
1/13/2017 3:15:00 PM	148500.000	19.801	17.354
44.605	33953.773	39760.570	25.528
27.037	29.452	1.018	
1/13/2017 3:30:00 PM	149400.000	19.803	17.354
44.608	33918.133	39718.918	25.499
27.009	29.483	1.018	
1/13/2017 3:45:00 PM	150300.000	19.801	17.354
44.603	33916.688	39716.449	25.497
27.007	29.484	1.018	
1/13/2017 4:00:00 PM	151200.000	19.802	17.355
44.606	33960.484	39766.875	25.533
27.041	29.446	1.018	
1/13/2017 4:15:00 PM	152100.000	19.797	17.359
44.595	33898.805	39691.770	25.480
26.990	29.500	1.018	
1/13/2017 4:30:00 PM	153000.000	19.798	17.360
44.597	33948.891	39749.320	25.521
27.030	29.456	1.018	
1/13/2017 4:45:00 PM	153900.000	19.795	17.358
44.591	33939.484	39740.090	25.514
27.023	29.464	1.018	
1/13/2017 5:00:00 PM	154800.000	19.797	17.359
44.594	33947.008	39747.660	25.519
27.028	29.458	1.018	
1/13/2017 5:15:00 PM	155700.000	19.796	17.363
44.592	33932.355	39727.230	25.505
27.015	29.470	1.018	
1/13/2017 5:30:00 PM	156600.000	19.795	17.363
44.591	33968.684	39769.539	25.535
27.043	29.439	1.018	
1/13/2017 5:45:00 PM	157500.000	19.792	17.364
44.584	33969.414	39769.770	25.535
27.043	29.438	1.018	
1/13/2017 6:00:00 PM	158400.000	19.794	17.366
44.589	33935.609	39728.559	25.506
27.015	29.468	1.018	
1/13/2017 6:15:00 PM	159300.000	19.799	17.366
44.599	33926.449	39718.066	25.499
27.008	29.476	1.018	
1/13/2017 6:30:00 PM	160200.000	19.797	17.368
44.594	33995.766	39797.418	25.555
27.062	29.415	1.018	
1/13/2017 6:45:00 PM	161100.000	19.793	17.368
44.587	33941.129	39732.988	25.509
27.018	29.463	1.018	
1/13/2017 7:00:00 PM	162000.000	19.790	17.368
44.578	33946.727	39739.543	25.514
27.023	29.458	1.018	

1/13/2017 7:15:00 PM	162900.000	19.791	17.370
44.582	33961.938	39755.477	25.525
27.034	29.445	1.018	
1/13/2017 7:30:00 PM	163800.000	19.789	17.371
44.577	33938.039	39727.039	25.505
27.014	29.465	1.018	
1/13/2017 7:45:00 PM	164700.000	19.789	17.370
44.576	33934.797	39724.180	25.503
27.012	29.468	1.018	
1/13/2017 8:00:00 PM	165600.000	19.791	17.372
44.580	33957.316	39748.438	25.520
27.029	29.449	1.018	
1/13/2017 8:15:00 PM	166500.000	19.787	17.371
44.571	33942.000	39731.043	25.508
27.017	29.462	1.018	
1/13/2017 8:30:00 PM	167400.000	19.787	17.372
44.573	33953.832	39744.516	25.518
27.026	29.452	1.018	
1/13/2017 8:45:00 PM	168300.000	19.782	17.372
44.562	33925.016	39710.473	25.493
27.003	29.477	1.018	
1/13/2017 9:00:00 PM	169200.000	19.785	17.372
44.567	33931.727	39718.328	25.499
27.008	29.471	1.018	
1/13/2017 9:15:00 PM	170100.000	19.785	17.371
44.567	33924.254	39710.203	25.493
27.003	29.477	1.018	
1/13/2017 9:30:00 PM	171000.000	19.784	17.373
44.565	33946.930	39735.574	25.511
27.020	29.458	1.018	
1/13/2017 9:45:00 PM	171900.000	19.780	17.373
44.556	33936.176	39722.988	25.502
27.012	29.467	1.018	
1/13/2017 10:00:00 PM	172800.000	19.786	17.371
44.570	33928.266	39715.367	25.497
27.006	29.474	1.018	
1/13/2017 10:15:00 PM	173700.000	19.782	17.372
44.560	33916.516	39700.434	25.486
26.996	29.484	1.018	
1/13/2017 10:30:00 PM	174600.000	19.783	17.371
44.564	33920.750	39706.719	25.491
27.001	29.480	1.018	
1/13/2017 10:45:00 PM	175500.000	19.780	17.370
44.557	33889.934	39671.344	25.466
26.977	29.507	1.018	
1/13/2017 11:00:00 PM	176400.000	19.781	17.370
44.559	33866.500	39644.305	25.446
26.958	29.528	1.018	
1/13/2017 11:15:00 PM	177300.000	19.775	17.370
44.545	33870.141	39648.566	25.449
26.961	29.525	1.018	
1/13/2017 11:30:00 PM	178200.000	19.775	17.369
44.545	33910.383	39696.297	25.483
26.993	29.489	1.018	
1/13/2017 11:45:00 PM	179100.000	19.779	17.369

44.554	33888.863	39671.262	25.465
26.976	29.508	1.018	
1/14/2017 12:00:00 AM	180000.000	19.780	17.367
44.556	33881.793	39664.156	25.460
26.972	29.514	1.018	
1/14/2017 12:15:00 AM	180900.000	19.778	17.369
44.552	33897.176	39681.148	25.472
26.983	29.501	1.018	
1/14/2017 12:30:00 AM	181800.000	19.778	17.369
44.552	33894.672	39678.137	25.470
26.981	29.503	1.018	
1/14/2017 12:45:00 AM	182700.000	19.774	17.367
44.544	33889.379	39673.180	25.467
26.978	29.508	1.018	
1/14/2017 1:00:00 AM	183600.000	19.777	17.367
44.550	33904.648	39691.453	25.480
26.990	29.494	1.018	
1/14/2017 1:15:00 AM	184500.000	19.777	17.366
44.549	33906.656	39694.199	25.482
26.992	29.493	1.018	
1/14/2017 1:30:00 AM	185400.000	19.775	17.367
44.546	33882.371	39665.453	25.461
26.973	29.514	1.018	
1/14/2017 1:45:00 AM	186300.000	19.773	17.366
44.540	33895.438	39681.758	25.473
26.984	29.502	1.018	
1/14/2017 2:00:00 AM	187200.000	19.768	17.365
44.528	33907.484	39696.484	25.483
26.994	29.492	1.018	
1/14/2017 2:15:00 AM	188100.000	19.770	17.365
44.535	33906.285	39695.082	25.482
26.993	29.493	1.018	
1/14/2017 2:30:00 AM	189000.000	19.770	17.366
44.534	33901.055	39687.938	25.477
26.988	29.498	1.018	
1/14/2017 2:45:00 AM	189900.000	19.773	17.367
44.540	33900.504	39686.359	25.476
26.987	29.498	1.018	
1/14/2017 3:00:00 AM	190800.000	19.773	17.365
44.540	33905.141	39693.277	25.481
26.991	29.494	1.018	
1/14/2017 3:15:00 AM	191700.000	19.768	17.365
44.530	33910.344	39700.063	25.486
26.996	29.490	1.018	
1/14/2017 3:30:00 AM	192600.000	19.766	17.365
44.525	33906.160	39695.090	25.482
26.993	29.493	1.018	
1/14/2017 3:45:00 AM	193500.000	19.770	17.364
44.534	33903.160	39691.734	25.480
26.990	29.496	1.018	
1/14/2017 4:00:00 AM	194400.000	19.764	17.364
44.520	33908.316	39698.551	25.485
26.995	29.491	1.018	
1/14/2017 4:15:00 AM	195300.000	19.766	17.366
44.524	33937.051	39730.320	25.507

27.017	29.466	1.018	
1/14/2017 4:30:00 AM	196200.000	19.770	17.364
44.535	33908.234	39698.301	25.484
26.995	29.491	1.018	
1/14/2017 4:45:00 AM	197100.000	19.766	17.365
44.526	33902.273	39690.461	25.479
26.990	29.497	1.018	
1/14/2017 5:00:00 AM	198000.000	19.767	17.368
44.527	33925.504	39714.469	25.496
27.006	29.476	1.018	
1/14/2017 5:15:00 AM	198900.000	19.765	17.366
44.522	33913.250	39702.215	25.487
26.998	29.487	1.018	
1/14/2017 5:30:00 AM	199800.000	19.767	17.367
44.527	33936.598	39729.078	25.506
27.016	29.467	1.018	
1/14/2017 5:45:00 AM	200700.000	19.762	17.365
44.515	33914.969	39704.848	25.489
26.999	29.486	1.018	
1/14/2017 6:00:00 AM	201600.000	19.761	17.367
44.514	33905.742	39692.816	25.481
26.991	29.494	1.018	
1/14/2017 6:15:00 AM	202500.000	19.758	17.366
44.507	33903.445	39690.355	25.479
26.989	29.496	1.018	
1/14/2017 6:30:00 AM	203400.000	19.765	17.364
44.522	33925.227	39717.727	25.498
27.008	29.477	1.018	
1/14/2017 6:45:00 AM	204300.000	19.762	17.365
44.515	33970.352	39769.930	25.535
27.044	29.437	1.018	
1/14/2017 7:00:00 AM	205200.000	19.759	17.367
44.509	33934.297	39725.762	25.504
27.014	29.469	1.018	
1/14/2017 7:15:00 AM	206100.000	19.756	17.366
44.503	33911.844	39700.734	25.486
26.997	29.488	1.018	
1/14/2017 7:30:00 AM	207000.000	19.758	17.365
44.507	33916.285	39706.863	25.491
27.001	29.484	1.018	
1/14/2017 7:45:00 AM	207900.000	19.761	17.366
44.513	33946.777	39741.168	25.515
27.024	29.458	1.018	
1/14/2017 8:00:00 AM	208800.000	19.756	17.364
44.503	33918.863	39710.277	25.493
27.003	29.482	1.018	
1/14/2017 8:15:00 AM	209700.000	19.754	17.365
44.498	33952.754	39749.328	25.521
27.030	29.453	1.018	
1/14/2017 8:30:00 AM	210600.000	19.755	17.364
44.500	33933.367	39727.480	25.505
27.015	29.470	1.018	
1/14/2017 8:45:00 AM	211500.000	19.756	17.364
44.501	33941.168	39736.543	25.512
27.021	29.463	1.018	

1/14/2017 9:00:00 AM	212400.000	19.755	17.364
44.500	33915.348	39706.785	25.490
27.001	29.485	1.018	
1/14/2017 9:15:00 AM	213300.000	19.756	17.364
44.503	33930.395	39723.930	25.503
27.012	29.472	1.018	
1/14/2017 9:30:00 AM	214200.000	19.750	17.364
44.489	33892.875	39680.004	25.471
26.982	29.505	1.018	
1/14/2017 9:45:00 AM	215100.000	19.749	17.363
44.487	33915.309	39707.590	25.491
27.001	29.485	1.018	
1/14/2017 10:00:00 AM	216000.000	19.751	17.364
44.491	33937.012	39732.148	25.508
27.018	29.466	1.018	
1/14/2017 10:15:00 AM	216900.000	19.751	17.362
44.490	33937.387	39734.145	25.510
27.019	29.466	1.018	
1/14/2017 10:30:00 AM	217800.000	19.747	17.361
44.483	33913.629	39707.020	25.490
27.001	29.487	1.018	
1/14/2017 10:45:00 AM	218700.000	19.749	17.362
44.487	33914.242	39706.582	25.490
27.000	29.486	1.018	
1/14/2017 11:00:00 AM	219600.000	19.749	17.360
44.488	33921.477	39717.223	25.498
27.008	29.480	1.018	
1/14/2017 11:15:00 AM	220500.000	19.751	17.359
44.491	33925.227	39722.707	25.502
27.011	29.477	1.018	
1/14/2017 11:30:00 AM	221400.000	19.750	17.359
44.489	33942.672	39742.820	25.516
27.025	29.461	1.018	
1/14/2017 11:45:00 AM	222300.000	19.747	17.359
44.481	33977.328	39783.555	25.545
27.053	29.431	1.018	
1/14/2017 12:00:00 PM	223200.000	19.747	17.360
44.483	33950.512	39751.293	25.522
27.031	29.455	1.018	
1/14/2017 12:15:00 PM	224100.000	19.744	17.359
44.476	33957.656	39760.363	25.528
27.037	29.448	1.018	
1/14/2017 12:30:00 PM	225000.000	19.745	17.358
44.479	33946.090	39747.672	25.519
27.028	29.458	1.018	
1/14/2017 12:45:00 PM	225900.000	19.746	17.357
44.481	33915.930	39713.688	25.495
27.005	29.485	1.018	
1/14/2017 1:00:00 PM	226800.000	19.743	17.356
44.473	33913.477	39711.754	25.494
27.004	29.487	1.018	
1/14/2017 1:15:00 PM	227700.000	19.741	17.357
44.469	33943.328	39745.215	25.517
27.027	29.461	1.018	
1/14/2017 1:30:00 PM	228600.000	19.741	17.357

44.469	33902.336	39697.305	25.483
26.994	29.496	1.018	
1/14/2017 1:45:00 PM	229500.000	19.741	17.358
44.468	33949.398	39751.859	25.522
27.031	29.456	1.018	
1/14/2017 2:00:00 PM	230400.000	19.739	17.355
44.463	33948.441	39753.230	25.523
27.032	29.456	1.018	
1/14/2017 2:15:00 PM	231300.000	19.738	17.356
44.462	33932.207	39733.137	25.509
27.019	29.471	1.018	
1/14/2017 2:30:00 PM	232200.000	19.741	17.358
44.469	33940.000	39740.785	25.514
27.024	29.464	1.018	
1/14/2017 2:45:00 PM	233100.000	19.741	17.359
44.468	33928.066	39726.031	25.504
27.014	29.474	1.018	
1/14/2017 3:00:00 PM	234000.000	19.739	17.359
44.463	33959.160	39761.816	25.529
27.038	29.447	1.018	
1/14/2017 3:15:00 PM	234900.000	19.738	17.360
44.463	33908.832	39702.656	25.487
26.998	29.491	1.018	
1/14/2017 3:30:00 PM	235800.000	19.738	17.361
44.461	33916.879	39710.602	25.493
27.003	29.484	1.018	
1/14/2017 3:45:00 PM	236700.000	19.734	17.362
44.452	33946.711	39745.293	25.518
27.027	29.458	1.018	
1/14/2017 4:00:00 PM	237600.000	19.734	17.361
44.453	33921.543	39716.758	25.497
27.007	29.480	1.018	
1/14/2017 4:15:00 PM	238500.000	19.732	17.359
44.448	33943.719	39743.891	25.517
27.026	29.461	1.018	
1/14/2017 4:30:00 PM	239400.000	19.730	17.363
44.444	33951.988	39750.371	25.521
27.030	29.453	1.018	
1/14/2017 4:45:00 PM	240300.000	19.730	17.365
44.445	33958.719	39756.621	25.526
27.035	29.448	1.018	
1/14/2017 5:00:00 PM	241200.000	19.732	17.366
44.448	33960.246	39757.551	25.527
27.035	29.446	1.018	
1/14/2017 5:15:00 PM	242100.000	19.727	17.368
44.437	33942.844	39735.387	25.511
27.020	29.461	1.018	
1/14/2017 5:30:00 PM	243000.000	19.731	17.368
44.446	33927.977	39717.754	25.498
27.008	29.474	1.018	
1/14/2017 5:45:00 PM	243900.000	19.729	17.369
44.441	33960.813	39755.488	25.525
27.034	29.446	1.018	
1/14/2017 6:00:00 PM	244800.000	19.724	17.370
44.429	33947.266	39738.457	25.513

27.022	29.457	1.018	
1/14/2017 6:15:00 PM	245700.000	19.727	17.371
44.438	33947.387	39738.133	25.513
27.022	29.457	1.018	
1/14/2017 6:30:00 PM	246600.000	19.726	17.372
44.435	33964.801	39757.355	25.527
27.035	29.442	1.018	
1/14/2017 6:45:00 PM	247500.000	19.725	17.374
44.433	33951.422	39740.211	25.515
27.023	29.454	1.018	
1/14/2017 7:00:00 PM	248400.000	19.727	17.374
44.437	33932.148	39717.340	25.498
27.008	29.471	1.018	
1/14/2017 7:15:00 PM	249300.000	19.724	17.376
44.430	33939.762	39724.551	25.504
27.013	29.464	1.018	
1/14/2017 7:30:00 PM	250200.000	19.717	17.376
44.414	33950.035	39736.484	25.512
27.021	29.455	1.018	
1/14/2017 7:45:00 PM	251100.000	19.722	17.377
44.426	33957.539	39744.176	25.518
27.026	29.449	1.018	
1/14/2017 8:00:00 PM	252000.000	19.720	17.377
44.422	33968.211	39756.668	25.526
27.035	29.439	1.018	
1/14/2017 8:15:00 PM	252900.000	19.720	17.377
44.421	33976.684	39766.742	25.534
27.041	29.432	1.018	
1/14/2017 8:30:00 PM	253800.000	19.723	17.378
44.429	33983.406	39773.516	25.539
27.046	29.426	1.018	
1/14/2017 8:45:00 PM	254700.000	19.720	17.379
44.421	33951.227	39735.387	25.511
27.020	29.454	1.018	
1/14/2017 9:00:00 PM	255600.000	19.720	17.378
44.422	33960.648	39747.125	25.520
27.028	29.446	1.018	
1/14/2017 9:15:00 PM	256500.000	19.720	17.379
44.421	33934.914	39715.672	25.497
27.007	29.468	1.018	
1/14/2017 9:30:00 PM	257400.000	19.718	17.378
44.416	33959.730	39745.563	25.519
27.027	29.447	1.018	
1/14/2017 9:45:00 PM	258300.000	19.712	17.379
44.404	33944.914	39727.613	25.506
27.015	29.459	1.018	
1/14/2017 10:00:00 PM	259200.000	19.717	17.379
44.415	33927.637	39707.859	25.492
27.001	29.474	1.018	
1/14/2017 10:15:00 PM	260100.000	19.717	17.378
44.414	33929.969	39711.219	25.494
27.004	29.472	1.018	
1/14/2017 10:30:00 PM	261000.000	19.710	17.378
44.400	33947.531	39731.609	25.509
27.017	29.457	1.018	

1/14/2017 10:45:00 PM	261900.000	19.716	17.377
44.411	33948.164	39732.961	25.510
27.018	29.457	1.018	
1/14/2017 11:00:00 PM	262800.000	19.713	17.378
44.405	33967.344	39755.250	25.526
27.034	29.440	1.018	
1/14/2017 11:15:00 PM	263700.000	19.715	17.379
44.410	33948.512	39732.367	25.509
27.018	29.456	1.018	
1/14/2017 11:30:00 PM	264600.000	19.711	17.376
44.402	33906.195	39684.707	25.475
26.986	29.493	1.018	
1/14/2017 11:45:00 PM	265500.000	19.712	17.376
44.402	33923.703	39705.664	25.490
27.000	29.478	1.018	
1/15/2017 12:00:00 AM	266400.000	19.709	17.376
44.396	33950.543	39737.000	25.512
27.021	29.455	1.018	
1/15/2017 12:15:00 AM	267300.000	19.709	17.375
44.396	33912.156	39693.152	25.481
26.991	29.488	1.018	
1/15/2017 12:30:00 AM	268200.000	19.710	17.373
44.399	33902.762	39683.332	25.474
26.985	29.496	1.018	
1/15/2017 12:45:00 AM	269100.000	19.709	17.373
44.397	33909.129	39690.785	25.480
26.990	29.491	1.018	
1/15/2017 1:00:00 AM	270000.000	19.707	17.373
44.392	33936.578	39723.230	25.503
27.012	29.467	1.018	
1/15/2017 1:15:00 AM	270900.000	19.706	17.373
44.390	33934.105	39720.645	25.501
27.010	29.469	1.018	
1/15/2017 1:30:00 AM	271800.000	19.705	17.373
44.388	33901.504	39682.020	25.473
26.984	29.497	1.018	
1/15/2017 1:45:00 AM	272700.000	19.706	17.374
44.390	33921.535	39705.227	25.490
27.000	29.480	1.018	
1/15/2017 2:00:00 AM	273600.000	19.702	17.374
44.380	33921.301	39704.254	25.489
26.999	29.480	1.018	
1/15/2017 2:15:00 AM	274500.000	19.702	17.373
44.380	33902.703	39683.336	25.474
26.985	29.496	1.018	
1/15/2017 2:30:00 AM	275400.000	19.702	17.369
44.380	33887.375	39668.973	25.464
26.975	29.510	1.018	
1/15/2017 2:45:00 AM	276300.000	19.702	17.370
44.381	33914.434	39699.793	25.486
26.996	29.486	1.018	
1/15/2017 3:00:00 AM	277200.000	19.702	17.372
44.381	33901.566	39683.559	25.474
26.985	29.497	1.018	
1/15/2017 3:15:00 AM	278100.000	19.703	17.370

44.383	33909.371	39694.414	25.482
26.992	29.490	1.018	
1/15/2017 3:30:00 AM	279000.000	19.702	17.371
44.380	33899.738	39681.973	25.473
26.984	29.499	1.018	
1/15/2017 3:45:00 AM	279900.000	19.698	17.371
44.372	33922.805	39708.887	25.492
27.002	29.479	1.018	
1/15/2017 4:00:00 AM	280800.000	19.699	17.372
44.375	33951.414	39741.137	25.515
27.024	29.454	1.018	
1/15/2017 4:15:00 AM	281700.000	19.702	17.371
44.380	33929.840	39717.125	25.498
27.008	29.473	1.018	
1/15/2017 4:30:00 AM	282600.000	19.701	17.371
44.379	33913.000	39697.496	25.484
26.994	29.487	1.018	
1/15/2017 4:45:00 AM	283500.000	19.697	17.372
44.370	33915.246	39699.191	25.485
26.995	29.485	1.018	
1/15/2017 5:00:00 AM	284400.000	19.696	17.372
44.367	33899.367	39680.984	25.472
26.983	29.499	1.018	
1/15/2017 5:15:00 AM	285300.000	19.693	17.370
44.360	33911.551	39696.262	25.483
26.993	29.488	1.018	
1/15/2017 5:30:00 AM	286200.000	19.697	17.371
44.368	33930.707	39718.527	25.499
27.009	29.472	1.018	
1/15/2017 5:45:00 AM	287100.000	19.692	17.371
44.358	33938.078	39726.453	25.505
27.014	29.465	1.018	
1/15/2017 6:00:00 AM	288000.000	19.696	17.372
44.367	33930.734	39717.551	25.498
27.008	29.472	1.018	
1/15/2017 6:15:00 AM	288900.000	19.690	17.372
44.353	33948.227	39737.871	25.513
27.022	29.457	1.018	
1/15/2017 6:30:00 AM	289800.000	19.695	17.372
44.365	33930.133	39716.848	25.498
27.007	29.472	1.018	
1/15/2017 6:45:00 AM	290700.000	19.693	17.371
44.361	33936.117	39724.941	25.504
27.013	29.467	1.018	
1/15/2017 7:00:00 AM	291600.000	19.691	17.371
44.356	33953.480	39744.484	25.518
27.026	29.452	1.018	
1/15/2017 7:15:00 AM	292500.000	19.688	17.372
44.349	33934.820	39722.262	25.502
27.011	29.468	1.018	
1/15/2017 7:30:00 AM	293400.000	19.689	17.371
44.352	33920.246	39705.734	25.490
27.000	29.481	1.018	
1/15/2017 7:45:00 AM	294300.000	19.690	17.371
44.353	33965.227	39758.938	25.528

27.036	29.442	1.018	
1/15/2017 8:00:00 AM	295200.000	19.682	17.371
44.336	33919.098	39704.168	25.489
26.999	29.482	1.018	
1/15/2017 8:15:00 AM	296100.000	19.686	17.371
44.345	33914.324	39698.738	25.485
26.995	29.486	1.018	
1/15/2017 8:30:00 AM	297000.000	19.685	17.372
44.341	33962.738	39754.859	25.525
27.033	29.444	1.018	
1/15/2017 8:45:00 AM	297900.000	19.685	17.371
44.342	33962.441	39754.973	25.525
27.033	29.444	1.018	
1/15/2017 9:00:00 AM	298800.000	19.682	17.371
44.336	33942.574	39732.031	25.509
27.018	29.462	1.018	
1/15/2017 9:15:00 AM	299700.000	19.684	17.372
44.341	33950.051	39739.848	25.514
27.023	29.455	1.018	
1/15/2017 9:30:00 AM	300600.000	19.683	17.369
44.338	33943.297	39734.828	25.511
27.020	29.461	1.018	
1/15/2017 9:45:00 AM	301500.000	19.684	17.370
44.340	33956.066	39748.758	25.521
27.029	29.450	1.018	
1/15/2017 10:00:00 AM	302400.000	19.679	17.370
44.328	33927.016	39714.441	25.496
27.006	29.475	1.018	
1/15/2017 10:15:00 AM	303300.000	19.680	17.369
44.330	33902.957	39687.367	25.477
26.987	29.496	1.018	
1/15/2017 10:30:00 AM	304200.000	19.681	17.368
44.334	33956.203	39750.797	25.522
27.031	29.450	1.018	
1/15/2017 10:45:00 AM	305100.000	19.677	17.369
44.324	33977.766	39774.707	25.539
27.047	29.431	1.018	
1/15/2017 11:00:00 AM	306000.000	19.679	17.369
44.329	33913.512	39699.410	25.485
26.996	29.487	1.018	
1/15/2017 11:15:00 AM	306900.000	19.679	17.369
44.330	33947.914	39740.543	25.515
27.024	29.457	1.018	
1/15/2017 11:30:00 AM	307800.000	19.678	17.368
44.327	33962.434	39757.930	25.527
27.035	29.444	1.018	
1/15/2017 11:45:00 AM	308700.000	19.673	17.367
44.315	33969.066	39766.711	25.533
27.041	29.439	1.018	
1/15/2017 12:00:00 PM	309600.000	19.674	17.367
44.317	33935.031	39727.102	25.505
27.014	29.468	1.018	
1/15/2017 12:15:00 PM	310500.000	19.677	17.366
44.324	33950.441	39745.457	25.518
27.027	29.455	1.018	

1/15/2017 12:30:00 PM	311400.000	19.675	17.366
44.321	33925.184	39716.504	25.497
27.007	29.477	1.018	
1/15/2017 12:45:00 PM	312300.000	19.673	17.365
44.315	33929.957	39722.551	25.502
27.011	29.472	1.018	
1/15/2017 1:00:00 PM	313200.000	19.671	17.362
44.312	33956.988	39756.848	25.526
27.035	29.449	1.018	
1/15/2017 1:15:00 PM	314100.000	19.677	17.363
44.323	33950.902	39749.188	25.521
27.029	29.454	1.018	
1/15/2017 1:30:00 PM	315000.000	19.671	17.364
44.311	33939.016	39733.715	25.510
27.019	29.465	1.018	
1/15/2017 1:45:00 PM	315900.000	19.673	17.362
44.315	33919.027	39712.559	25.494
27.005	29.482	1.018	
1/15/2017 2:00:00 PM	316800.000	19.671	17.364
44.310	33948.742	39745.410	25.518
27.027	29.456	1.018	
1/15/2017 2:15:00 PM	317700.000	19.667	17.362
44.303	33965.672	39767.262	25.533
27.042	29.441	1.018	
1/15/2017 2:30:00 PM	318600.000	19.665	17.362
44.296	33970.012	39772.016	25.537
27.045	29.438	1.018	
1/15/2017 2:45:00 PM	319500.000	19.669	17.363
44.307	33971.090	39772.980	25.537
27.046	29.437	1.018	
1/15/2017 3:00:00 PM	320400.000	19.670	17.363
44.308	33928.457	39722.441	25.502
27.011	29.474	1.018	
1/15/2017 3:15:00 PM	321300.000	19.668	17.363
44.304	33925.035	39718.504	25.499
27.009	29.477	1.018	
1/15/2017 3:30:00 PM	322200.000	19.661	17.365
44.287	33956.813	39753.770	25.524
27.033	29.449	1.018	
1/15/2017 3:45:00 PM	323100.000	19.664	17.363
44.296	33957.828	39756.738	25.526
27.035	29.448	1.018	
1/15/2017 4:00:00 PM	324000.000	19.664	17.364
44.294	33955.082	39752.523	25.523
27.032	29.451	1.018	
1/15/2017 4:15:00 PM	324900.000	19.659	17.363
44.285	33952.934	39751.008	25.522
27.031	29.453	1.018	
1/15/2017 4:30:00 PM	325800.000	19.664	17.364
44.296	33966.613	39766.023	25.533
27.041	29.441	1.018	
1/15/2017 4:45:00 PM	326700.000	19.662	17.366
44.291	33935.965	39728.895	25.506
27.016	29.467	1.018	
1/15/2017 5:00:00 PM	327600.000	19.662	17.367

44.291	33969.500	39766.906	25.533
27.041	29.438	1.018	
1/15/2017 5:15:00 PM	328500.000	19.659	17.367
44.283	33955.648	39750.535	25.522
27.030	29.450	1.018	
1/15/2017 5:30:00 PM	329400.000	19.660	17.370
44.286	33982.840	39780.336	25.543
27.051	29.427	1.018	
1/15/2017 5:45:00 PM	330300.000	19.656	17.370
44.277	33958.539	39751.816	25.523
27.031	29.448	1.018	
1/15/2017 6:00:00 PM	331200.000	19.656	17.370
44.276	33973.324	39768.648	25.535
27.043	29.435	1.018	
1/15/2017 6:15:00 PM	332100.000	19.659	17.372
44.283	33935.691	39723.438	25.503
27.012	29.468	1.018	
1/15/2017 6:30:00 PM	333000.000	19.655	17.373
44.275	33941.168	39728.289	25.506
27.015	29.463	1.018	
1/15/2017 6:45:00 PM	333900.000	19.655	17.374
44.274	33995.203	39791.293	25.551
27.058	29.416	1.018	
1/15/2017 7:00:00 PM	334800.000	19.660	17.375
44.286	33969.465	39760.082	25.529
27.037	29.438	1.018	
1/15/2017 7:15:00 PM	335700.000	19.652	17.376
44.269	33976.777	39767.477	25.534
27.042	29.432	1.018	
1/15/2017 7:30:00 PM	336600.000	19.656	17.375
44.277	33966.105	39756.297	25.526
27.034	29.441	1.018	
1/15/2017 7:45:00 PM	337500.000	19.654	17.376
44.273	33937.434	39721.965	25.502
27.011	29.466	1.018	
1/15/2017 8:00:00 PM	338400.000	19.653	17.378
44.271	33993.688	39785.703	25.547
27.054	29.417	1.018	
1/15/2017 8:15:00 PM	339300.000	19.651	17.379
44.265	33968.949	39756.285	25.526
27.034	29.439	1.018	
1/15/2017 8:30:00 PM	340200.000	19.644	17.379
44.250	33961.363	39747.094	25.520
27.028	29.445	1.018	
1/15/2017 8:45:00 PM	341100.000	19.651	17.380
44.265	33976.094	39763.555	25.531
27.039	29.432	1.018	
1/15/2017 9:00:00 PM	342000.000	19.646	17.382
44.255	33959.184	39742.047	25.516
27.025	29.447	1.018	
1/15/2017 9:15:00 PM	342900.000	19.646	17.380
44.255	33965.168	39750.227	25.522
27.030	29.442	1.018	
1/15/2017 9:30:00 PM	343800.000	19.649	17.380
44.261	33991.629	39781.195	25.544

27.051	29.419	1.018	
1/15/2017 9:45:00 PM	344700.000	19.645	17.381
44.253	33947.086	39728.203	25.506
27.015	29.458	1.018	
1/15/2017 10:00:00 PM	345600.000	19.644	17.381
44.251	33965.125	39749.781	25.522
27.030	29.442	1.018	
1/15/2017 10:15:00 PM	346500.000	19.642	17.381
44.247	33958.301	39741.570	25.516
27.024	29.448	1.018	
1/15/2017 10:30:00 PM	347400.000	19.643	17.381
44.247	33929.852	39708.500	25.492
27.002	29.473	1.018	
1/15/2017 10:45:00 PM	348300.000	19.645	17.380
44.252	33924.418	39702.535	25.488
26.998	29.477	1.018	
1/15/2017 11:00:00 PM	349200.000	19.642	17.380
44.245	33921.258	39699.152	25.486
26.995	29.480	1.018	
1/15/2017 11:15:00 PM	350100.000	19.639	17.380
44.238	33964.246	39749.148	25.521
27.029	29.443	1.018	
1/15/2017 11:30:00 PM	351000.000	19.639	17.380
44.238	33952.770	39736.336	25.512
27.021	29.453	1.018	
1/15/2017 11:45:00 PM	351900.000	19.640	17.379
44.241	33963.656	39749.777	25.522
27.030	29.443	1.018	
1/16/2017 12:00:00 AM	352800.000	19.639	17.379
44.239	33938.336	39720.078	25.501
27.010	29.465	1.018	
1/16/2017 12:15:00 AM	353700.000	19.640	17.378
44.242	33937.617	39720.082	25.501
27.010	29.466	1.018	
1/16/2017 12:30:00 AM	354600.000	19.640	17.377
44.242	33964.895	39752.473	25.524
27.032	29.442	1.018	
1/16/2017 12:45:00 AM	355500.000	19.643	17.377
44.248	33942.379	39726.121	25.505
27.014	29.462	1.018	
1/16/2017 1:00:00 AM	356400.000	19.636	17.376
44.231	33919.160	39699.949	25.486
26.996	29.482	1.018	
1/16/2017 1:15:00 AM	357300.000	19.637	17.376
44.233	33946.195	39731.527	25.509
27.017	29.458	1.018	
1/16/2017 1:30:00 AM	358200.000	19.638	17.376
44.237	33907.297	39686.461	25.477
26.987	29.492	1.018	
1/16/2017 1:45:00 AM	359100.000	19.635	17.375
44.229	33919.945	39702.121	25.488
26.997	29.481	1.018	
1/16/2017 2:00:00 AM	360000.000	19.633	17.375
44.225	33923.129	39706.156	25.490
27.000	29.478	1.018	

1/16/2017 2:15:00 AM	360900.000	19.636	17.374
44.232	33961.063	39751.332	25.523
27.031	29.445	1.018	
1/16/2017 2:30:00 AM	361800.000	19.633	17.374
44.226	33904.746	39685.414	25.476
26.986	29.494	1.018	
1/16/2017 2:45:00 AM	362700.000	19.631	17.372
44.221	33948.070	39737.223	25.512
27.021	29.457	1.018	
1/16/2017 3:00:00 AM	363600.000	19.632	17.373
44.222	33959.340	39750.184	25.522
27.030	29.447	1.018	
1/16/2017 3:15:00 AM	364500.000	19.631	17.372
44.221	33946.152	39735.125	25.511
27.020	29.458	1.018	
1/16/2017 3:30:00 AM	365400.000	19.631	17.371
44.222	33920.066	39705.918	25.490
27.000	29.481	1.018	
1/16/2017 3:45:00 AM	366300.000	19.634	17.372
44.227	33925.883	39711.398	25.494
27.004	29.476	1.018	
1/16/2017 4:00:00 AM	367200.000	19.631	17.372
44.222	33949.313	39738.984	25.514
27.023	29.456	1.018	
1/16/2017 4:15:00 AM	368100.000	19.627	17.372
44.211	33913.730	39697.578	25.484
26.994	29.487	1.018	
1/16/2017 4:30:00 AM	369000.000	19.625	17.370
44.208	33957.059	39749.535	25.521
27.030	29.449	1.018	
1/16/2017 4:45:00 AM	369900.000	19.630	17.370
44.217	33938.531	39728.469	25.506
27.015	29.465	1.018	
1/16/2017 5:00:00 AM	370800.000	19.628	17.369
44.213	33970.836	39766.672	25.533
27.041	29.437	1.018	
1/16/2017 5:15:00 AM	371700.000	19.629	17.369
44.216	33922.262	39709.965	25.493
27.003	29.479	1.018	
1/16/2017 5:30:00 AM	372600.000	19.625	17.369
44.207	33920.098	39707.668	25.491
27.001	29.481	1.018	
1/16/2017 5:45:00 AM	373500.000	19.627	17.369
44.211	33954.059	39746.957	25.519
27.028	29.452	1.018	
1/16/2017 6:00:00 AM	374400.000	19.623	17.371
44.202	33920.219	39705.945	25.490
27.000	29.481	1.018	
1/16/2017 6:15:00 AM	375300.000	19.623	17.370
44.203	33921.535	39708.336	25.492
27.002	29.480	1.018	
1/16/2017 6:30:00 AM	376200.000	19.624	17.369
44.205	33946.875	39739.098	25.514
27.023	29.458	1.018	
1/16/2017 6:45:00 AM	377100.000	19.624	17.369

44.204	33948.371	39741.078	25.515
27.024	29.456	1.018	
1/16/2017 7:00:00 AM	378000.000	19.625	17.370
44.207	33967.996	39763.117	25.531
27.039	29.439	1.018	
1/16/2017 7:15:00 AM	378900.000	19.624	17.369
44.205	33971.828	39767.758	25.534
27.042	29.436	1.018	
1/16/2017 7:30:00 AM	379800.000	19.614	17.370
44.182	33943.637	39734.371	25.510
27.019	29.461	1.018	
1/16/2017 7:45:00 AM	380700.000	19.617	17.372
44.188	33965.836	39758.168	25.527
27.036	29.441	1.018	
1/16/2017 8:00:00 AM	381600.000	19.619	17.370
44.195	33923.465	39710.914	25.494
27.003	29.478	1.018	
1/16/2017 8:15:00 AM	382500.000	19.622	17.369
44.200	33968.633	39764.016	25.531
27.040	29.439	1.018	
1/16/2017 8:30:00 AM	383400.000	19.621	17.370
44.198	33948.910	39740.699	25.515
27.024	29.456	1.018	
1/16/2017 8:45:00 AM	384300.000	19.614	17.371
44.183	33938.027	39726.941	25.505
27.014	29.465	1.018	
1/16/2017 9:00:00 AM	385200.000	19.614	17.370
44.183	33966.406	39761.102	25.529
27.038	29.441	1.018	
1/16/2017 9:15:00 AM	386100.000	19.616	17.371
44.187	33942.809	39732.695	25.509
27.018	29.461	1.018	
1/16/2017 9:30:00 AM	387000.000	19.615	17.371
44.186	33998.309	39797.508	25.555
27.062	29.413	1.018	
1/16/2017 9:45:00 AM	387900.000	19.615	17.367
44.186	33993.742	39795.355	25.554
27.061	29.417	1.018	
1/16/2017 10:00:00 AM	388800.000	19.610	17.367
44.173	33941.043	39734.141	25.510
27.019	29.463	1.018	
1/16/2017 10:15:00 AM	389700.000	19.611	17.368
44.175	33978.410	39776.633	25.540
27.048	29.430	1.018	
1/16/2017 10:30:00 AM	390600.000	19.613	17.369
44.179	33959.012	39753.305	25.524
27.032	29.447	1.018	
1/16/2017 10:45:00 AM	391500.000	19.613	17.367
44.180	33969.762	39767.211	25.534
27.042	29.438	1.018	
1/16/2017 11:00:00 AM	392400.000	19.610	17.367
44.174	33981.336	39780.762	25.543
27.051	29.428	1.018	
1/16/2017 11:15:00 AM	393300.000	19.614	17.367
44.183	33971.910	39770.121	25.536

27.044	29.436	1.018	
1/16/2017 11:30:00 AM	394200.000	19.610	17.367
44.174	33996.066	39798.004	25.555
27.063	29.415	1.018	
1/16/2017 11:45:00 AM	395100.000	19.612	17.365
44.177	33956.594	39753.426	25.524
27.032	29.449	1.018	
1/16/2017 12:00:00 PM	396000.000	19.612	17.365
44.177	33933.762	39727.250	25.505
27.015	29.469	1.018	
1/16/2017 12:15:00 PM	396900.000	19.609	17.365
44.172	33976.301	39777.281	25.541
27.049	29.432	1.018	
1/16/2017 12:30:00 PM	397800.000	19.609	17.363
44.170	33963.777	39763.863	25.531
27.039	29.443	1.018	
1/16/2017 12:45:00 PM	398700.000	19.610	17.363
44.173	33972.094	39773.688	25.538
27.046	29.436	1.018	
1/16/2017 1:00:00 PM	399600.000	19.608	17.363
44.168	33926.527	39720.652	25.500
27.010	29.475	1.018	
1/16/2017 1:15:00 PM	400500.000	19.609	17.363
44.170	33929.113	39723.590	25.502
27.012	29.473	1.018	
1/16/2017 1:30:00 PM	401400.000	19.605	17.362
44.162	33966.973	39768.539	25.534
27.043	29.440	1.018	
1/16/2017 1:45:00 PM	402300.000	19.605	17.362
44.163	33986.715	39792.129	25.551
27.059	29.423	1.018	
1/16/2017 2:00:00 PM	403200.000	19.605	17.359
44.163	33943.914	39744.117	25.517
27.026	29.460	1.018	
1/16/2017 2:15:00 PM	404100.000	19.607	17.361
44.166	33961.730	39763.730	25.531
27.039	29.445	1.018	
1/16/2017 2:30:00 PM	405000.000	19.603	17.360
44.158	33943.996	39743.902	25.517
27.026	29.460	1.018	
1/16/2017 2:45:00 PM	405900.000	19.606	17.361
44.165	33961.250	39762.777	25.530
27.039	29.445	1.018	
1/16/2017 3:00:00 PM	406800.000	19.603	17.361
44.157	33965.871	39768.422	25.534
27.043	29.441	1.018	
1/16/2017 3:15:00 PM	407700.000	19.607	17.359
44.166	33961.797	39765.211	25.532
27.040	29.445	1.018	
1/16/2017 3:30:00 PM	408600.000	19.604	17.359
44.160	33984.309	39791.492	25.550
27.058	29.425	1.018	
1/16/2017 3:45:00 PM	409500.000	19.604	17.359
44.161	33982.973	39789.926	25.549
27.057	29.427	1.018	

1/16/2017 4:00:00 PM	410400.000	19.598	17.359
44.146	33988.918	39796.969	25.554
27.062	29.421	1.018	
1/16/2017 4:15:00 PM	411300.000	19.606	17.358
44.164	33954.102	39757.207	25.526
27.035	29.452	1.018	
1/16/2017 4:30:00 PM	412200.000	19.604	17.360
44.160	33984.824	39791.082	25.550
27.058	29.425	1.018	
1/16/2017 4:45:00 PM	413100.000	19.602	17.361
44.155	33984.180	39789.859	25.549
27.057	29.425	1.018	
1/16/2017 5:00:00 PM	414000.000	19.600	17.359
44.150	33996.750	39805.754	25.561
27.068	29.415	1.018	
1/16/2017 5:15:00 PM	414900.000	19.599	17.360
44.148	33977.770	39782.980	25.544
27.052	29.431	1.018	
1/16/2017 5:30:00 PM	415800.000	19.598	17.360
44.146	33937.750	39736.121	25.511
27.021	29.466	1.018	
1/16/2017 5:45:00 PM	416700.000	19.597	17.359
44.145	33970.070	39774.746	25.539
27.047	29.438	1.018	
1/16/2017 6:00:00 PM	417600.000	19.598	17.362
44.146	33977.684	39780.859	25.543
27.051	29.431	1.018	
1/16/2017 6:15:00 PM	418500.000	19.599	17.361
44.148	33983.531	39788.707	25.549
27.056	29.426	1.018	
1/16/2017 6:30:00 PM	419400.000	19.601	17.364
44.152	33967.141	39766.797	25.533
27.041	29.440	1.018	
1/16/2017 6:45:00 PM	420300.000	19.599	17.366
44.148	33939.762	39733.648	25.510
27.019	29.464	1.018	
1/16/2017 7:00:00 PM	421200.000	19.599	17.366
44.148	33958.453	39755.223	25.525
27.034	29.448	1.018	
1/16/2017 7:15:00 PM	422100.000	19.599	17.367
44.149	33981.207	39781.234	25.543
27.051	29.428	1.018	
1/16/2017 7:30:00 PM	423000.000	19.596	17.368
44.143	33966.676	39763.215	25.531
27.039	29.441	1.018	
1/16/2017 7:45:00 PM	423900.000	19.592	17.367
44.133	34004.883	39808.875	25.563
27.070	29.408	1.018	
1/16/2017 8:00:00 PM	424800.000	19.594	17.368
44.138	33959.746	39754.781	25.525
27.033	29.447	1.018	
1/16/2017 8:15:00 PM	425700.000	19.595	17.369
44.139	34006.699	39808.809	25.563
27.070	29.406	1.018	
1/16/2017 8:30:00 PM	426600.000	19.591	17.368

44.131	33960.383	39755.996	25.526
27.034	29.446	1.018	
1/16/2017 8:45:00 PM	427500.000	19.589	17.369
44.125	33982.332	39780.441	25.543
27.051	29.427	1.018	
1/16/2017 9:00:00 PM	428400.000	19.591	17.369
44.131	33960.699	39755.199	25.525
27.034	29.446	1.018	
1/16/2017 9:15:00 PM	429300.000	19.594	17.370
44.137	33978.969	39775.961	25.540
27.048	29.430	1.018	
1/16/2017 9:30:00 PM	430200.000	19.589	17.370
44.126	34002.910	39803.914	25.560
27.067	29.409	1.018	
1/16/2017 9:45:00 PM	431100.000	19.589	17.370
44.126	33948.359	39739.426	25.514
27.023	29.457	1.018	
1/16/2017 10:00:00 PM	432000.000	19.591	17.371
44.130	33974.719	39770.125	25.536
27.044	29.434	1.018	
1/16/2017 10:15:00 PM	432900.000	19.590	17.371
44.128	33975.488	39770.723	25.536
27.044	29.433	1.018	
1/16/2017 10:30:00 PM	433800.000	19.591	17.371
44.131	33985.215	39782.105	25.544
27.052	29.425	1.018	
1/16/2017 10:45:00 PM	434700.000	19.592	17.371
44.132	33991.238	39788.926	25.549
27.056	29.419	1.018	
1/16/2017 11:00:00 PM	435600.000	19.588	17.371
44.123	33990.637	39788.680	25.549
27.056	29.420	1.018	
1/16/2017 11:15:00 PM	436500.000	19.591	17.371
44.130	33991.496	39789.688	25.550
27.057	29.419	1.018	
1/16/2017 11:30:00 PM	437400.000	19.586	17.370
44.120	33993.047	39792.211	25.551
27.059	29.418	1.018	
1/16/2017 11:45:00 PM	438300.000	19.590	17.370
44.127	33973.336	39769.059	25.535
27.043	29.435	1.018	
1/17/2017 12:00:00 AM	439200.000	19.587	17.370
44.121	34022.988	39826.941	25.576
27.082	29.392	1.018	
1/17/2017 12:15:00 AM	440100.000	19.588	17.370
44.124	33972.863	39768.344	25.534
27.042	29.435	1.018	
1/17/2017 12:30:00 AM	441000.000	19.586	17.369
44.120	33987.840	39786.578	25.547
27.055	29.422	1.018	
1/17/2017 12:45:00 AM	441900.000	19.587	17.369
44.121	33958.531	39752.742	25.523
27.032	29.448	1.018	
1/17/2017 1:00:00 AM	442800.000	19.586	17.368
44.120	33985.555	39785.313	25.546

27.054	29.424	1.018	
1/17/2017 1:15:00 AM	443700.000	19.591	17.367
44.130	33943.160	39735.996	25.511
27.020	29.461	1.018	
1/17/2017 1:30:00 AM	444600.000	19.588	17.368
44.124	33970.797	39767.953	25.534
27.042	29.437	1.018	
1/17/2017 1:45:00 AM	445500.000	19.587	17.367
44.121	33979.367	39778.680	25.542
27.050	29.430	1.018	
1/17/2017 2:00:00 AM	446400.000	19.586	17.365
44.120	33944.563	39739.430	25.514
27.023	29.460	1.018	
1/17/2017 2:15:00 AM	447300.000	19.591	17.365
44.131	33965.242	39763.859	25.531
27.039	29.442	1.018	
1/17/2017 2:30:00 AM	448200.000	19.582	17.365
44.109	33994.129	39797.613	25.555
27.062	29.417	1.018	
1/17/2017 2:45:00 AM	449100.000	19.586	17.364
44.120	33970.746	39770.930	25.536
27.044	29.437	1.018	
1/17/2017 3:00:00 AM	450000.000	19.587	17.363
44.121	33976.652	39779.410	25.542
27.050	29.432	1.018	
1/17/2017 3:15:00 AM	450900.000	19.582	17.361
44.111	33951.895	39751.598	25.522
27.031	29.453	1.018	
1/17/2017 3:30:00 AM	451800.000	19.586	17.364
44.119	33957.297	39755.813	25.525
27.034	29.449	1.018	
1/17/2017 3:45:00 AM	452700.000	19.582	17.363
44.111	33996.066	39801.977	25.558
27.065	29.415	1.018	
1/17/2017 4:00:00 AM	453600.000	19.588	17.363
44.124	33963.188	39763.328	25.531
27.039	29.444	1.018	
1/17/2017 4:15:00 AM	454500.000	19.586	17.361
44.119	33960.164	39761.504	25.529
27.038	29.446	1.018	
1/17/2017 4:30:00 AM	455400.000	19.586	17.361
44.119	33997.094	39804.898	25.560
27.067	29.414	1.018	
1/17/2017 4:45:00 AM	456300.000	19.584	17.361
44.114	33968.391	39771.527	25.536
27.045	29.439	1.018	
1/17/2017 5:00:00 AM	457200.000	19.585	17.360
44.117	33918.348	39713.480	25.495
27.005	29.483	1.018	
1/17/2017 5:15:00 AM	458100.000	19.584	17.359
44.114	33945.992	39746.629	25.519
27.028	29.459	1.018	
1/17/2017 5:30:00 AM	459000.000	19.584	17.360
44.116	33972.469	39777.242	25.540
27.049	29.436	1.018	

1/17/2017 5:45:00 AM	459900.000	19.583	17.360
44.113	33956.398	39758.188	25.527
27.036	29.450	1.018	
1/17/2017 6:00:00 AM	460800.000	19.582	17.360
44.110	33983.195	39789.258	25.549
27.057	29.426	1.018	
1/17/2017 6:15:00 AM	461700.000	19.578	17.358
44.102	33976.043	39782.441	25.544
27.052	29.433	1.018	
1/17/2017 6:30:00 AM	462600.000	19.580	17.360
44.107	33983.406	39789.809	25.549
27.057	29.426	1.018	
1/17/2017 6:45:00 AM	463500.000	19.582	17.359
44.110	33959.219	39762.352	25.530
27.038	29.447	1.018	
1/17/2017 7:00:00 AM	464400.000	19.578	17.360
44.102	33990.938	39798.793	25.556
27.063	29.420	1.018	
1/17/2017 7:15:00 AM	465300.000	19.584	17.361
44.116	34004.086	39812.859	25.566
27.073	29.408	1.018	
1/17/2017 7:30:00 AM	466200.000	19.578	17.361
44.102	33972.395	39775.824	25.539
27.048	29.436	1.018	
1/17/2017 7:45:00 AM	467100.000	19.583	17.359
44.113	33965.426	39769.074	25.535
27.043	29.442	1.018	
1/17/2017 8:00:00 AM	468000.000	19.579	17.361
44.103	33958.918	39760.047	25.528
27.037	29.447	1.018	
1/17/2017 8:15:00 AM	468900.000	19.583	17.361
44.113	33954.719	39755.285	25.525
27.034	29.451	1.018	
1/17/2017 8:30:00 AM	469800.000	19.576	17.362
44.098	33977.078	39780.844	25.543
27.051	29.432	1.018	
1/17/2017 8:45:00 AM	470700.000	19.571	17.362
44.086	33960.219	39760.719	25.529
27.037	29.446	1.018	
1/17/2017 9:00:00 AM	471600.000	19.578	17.362
44.100	33937.992	39734.453	25.510
27.019	29.466	1.018	
1/17/2017 9:15:00 AM	472500.000	19.575	17.361
44.095	33955.449	39756.457	25.526
27.034	29.450	1.018	
1/17/2017 9:30:00 AM	473400.000	19.579	17.361
44.103	33969.938	39773.422	25.538
27.046	29.438	1.018	
1/17/2017 9:45:00 AM	474300.000	19.574	17.360
44.093	33976.785	39781.902	25.544
27.052	29.432	1.018	
1/17/2017 10:00:00 AM	475200.000	19.579	17.362
44.104	33964.551	39766.180	25.533
27.041	29.442	1.018	
1/17/2017 10:15:00 AM	476100.000	19.574	17.361

44.093	33992.746	39799.496	25.556
27.064	29.418	1.018	
1/17/2017 10:30:00 AM	477000.000	19.574	17.362
44.093	33971.832	39774.230	25.538
27.046	29.436	1.018	
1/17/2017 10:45:00 AM	477900.000	19.573	17.363
44.090	33960.730	39760.070	25.528
27.037	29.446	1.018	
1/17/2017 11:00:00 AM	478800.000	19.573	17.362
44.090	33936.984	39733.348	25.509
27.019	29.466	1.018	
1/17/2017 11:15:00 AM	479700.000	19.574	17.361
44.092	33943.559	39741.750	25.515
27.024	29.461	1.018	
1/17/2017 11:30:00 AM	480600.000	19.573	17.360
44.091	33969.035	39772.984	25.537
27.046	29.439	1.018	
1/17/2017 11:45:00 AM	481500.000	19.571	17.360
44.086	33986.160	39792.566	25.551
27.059	29.424	1.018	
1/17/2017 12:00:00 PM	482400.000	19.575	17.362
44.095	33983.320	39787.523	25.548
27.056	29.426	1.018	
1/17/2017 12:15:00 PM	483300.000	19.573	17.361
44.090	33981.512	39786.500	25.547
27.055	29.428	1.018	
1/17/2017 12:30:00 PM	484200.000	19.569	17.360
44.080	34001.965	39811.152	25.564
27.072	29.410	1.018	
1/17/2017 12:45:00 PM	485100.000	19.568	17.359
44.079	33988.316	39795.879	25.554
27.061	29.422	1.018	
1/17/2017 1:00:00 PM	486000.000	19.574	17.359
44.092	33957.387	39759.664	25.528
27.037	29.449	1.018	
1/17/2017 1:15:00 PM	486900.000	19.573	17.359
44.090	34000.672	39810.574	25.564
27.071	29.411	1.018	
1/17/2017 1:30:00 PM	487800.000	19.574	17.360
44.093	33986.375	39792.742	25.551
27.059	29.424	1.018	
1/17/2017 1:45:00 PM	488700.000	19.572	17.360
44.088	33956.355	39758.063	25.527
27.035	29.450	1.018	
1/17/2017 2:00:00 PM	489600.000	19.570	17.360
44.084	33989.258	39796.898	25.554
27.062	29.421	1.018	
1/17/2017 2:15:00 PM	490500.000	19.568	17.359
44.079	33961.992	39765.441	25.532
27.041	29.445	1.018	
1/17/2017 2:30:00 PM	491400.000	19.569	17.359
44.080	33932.859	39731.094	25.508
27.017	29.470	1.018	
1/17/2017 2:45:00 PM	492300.000	19.567	17.359
44.076	33979.449	39785.645	25.546

27.054	29.430	1.018	
1/17/2017 3:00:00 PM	493200.000	19.570	17.360
44.082	33971.578	39775.887	25.539
27.048	29.436	1.018	
1/17/2017 3:15:00 PM	494100.000	19.563	17.359
44.067	33965.004	39768.887	25.534
27.043	29.442	1.018	
1/17/2017 3:30:00 PM	495000.000	19.565	17.358
44.072	33971.152	39776.945	25.540
27.048	29.437	1.018	
1/17/2017 3:45:00 PM	495900.000	19.567	17.357
44.078	33997.480	39809.023	25.563
27.070	29.414	1.018	
1/17/2017 4:00:00 PM	496800.000	19.569	17.359
44.081	33978.242	39784.387	25.545
27.053	29.431	1.018	
1/17/2017 4:15:00 PM	497700.000	19.569	17.360
44.080	33973.207	39777.563	25.541
27.049	29.435	1.018	
1/17/2017 4:30:00 PM	498600.000	19.569	17.359
44.080	33990.164	39798.586	25.555
27.063	29.420	1.018	
1/17/2017 4:45:00 PM	499500.000	19.564	17.359
44.070	33964.527	39768.176	25.534
27.042	29.442	1.018	
1/17/2017 5:00:00 PM	500400.000	19.568	17.360
44.079	33982.977	39789.305	25.549
27.057	29.426	1.018	
1/17/2017 5:15:00 PM	501300.000	19.564	17.359
44.070	33974.492	39779.922	25.542
27.050	29.434	1.018	
1/17/2017 5:30:00 PM	502200.000	19.564	17.361
44.070	33992.016	39799.270	25.556
27.064	29.419	1.018	
1/17/2017 5:45:00 PM	503100.000	19.564	17.360
44.070	34027.598	39841.164	25.586
27.092	29.388	1.018	
1/17/2017 6:00:00 PM	504000.000	19.566	17.361
44.073	33988.484	39794.664	25.553
27.060	29.422	1.018	
1/17/2017 6:15:00 PM	504900.000	19.565	17.362
44.072	33967.496	39769.551	25.535
27.043	29.440	1.018	
1/17/2017 6:30:00 PM	505800.000	19.565	17.362
44.072	33964.402	39765.309	25.532
27.040	29.443	1.018	
1/17/2017 6:45:00 PM	506700.000	19.562	17.363
44.066	33979.969	39782.660	25.544
27.052	29.429	1.018	
1/17/2017 7:00:00 PM	507600.000	19.564	17.363
44.070	33982.336	39785.367	25.546
27.054	29.427	1.018	
1/17/2017 7:15:00 PM	508500.000	19.562	17.365
44.066	33951.203	39747.898	25.520
27.029	29.454	1.018	

1/17/2017 7:30:00 PM	509400.000	19.561	17.365
44.062	33992.227	39795.387	25.553
27.061	29.418	1.018	
1/17/2017 7:45:00 PM	510300.000	19.564	17.367
44.070	34007.297	39811.379	25.565
27.072	29.405	1.018	
1/17/2017 8:00:00 PM	511200.000	19.562	17.367
44.066	33972.531	39770.453	25.536
27.044	29.436	1.018	
1/17/2017 8:15:00 PM	512100.000	19.558	17.367
44.057	33983.277	39783.191	25.545
27.053	29.426	1.018	
1/17/2017 8:30:00 PM	513000.000	19.561	17.369
44.063	33990.039	39789.305	25.549
27.057	29.420	1.018	
1/17/2017 8:45:00 PM	513900.000	19.562	17.370
44.065	33984.180	39781.594	25.544
27.051	29.425	1.018	
1/17/2017 9:00:00 PM	514800.000	19.564	17.371
44.070	33968.270	39762.500	25.530
27.039	29.439	1.018	
1/17/2017 9:15:00 PM	515700.000	19.561	17.371
44.062	33978.070	39773.816	25.538
27.046	29.431	1.018	
1/17/2017 9:30:00 PM	516600.000	19.562	17.370
44.065	33985.773	39783.457	25.545
27.053	29.424	1.018	
1/17/2017 9:45:00 PM	517500.000	19.557	17.372
44.055	33994.766	39792.504	25.552
27.059	29.416	1.018	
1/17/2017 10:00:00 PM	518400.000	19.559	17.372
44.059	33980.867	39776.234	25.540
27.048	29.428	1.018	
1/17/2017 10:15:00 PM	519300.000	19.556	17.372
44.052	34000.879	39799.273	25.557
27.064	29.411	1.018	
1/17/2017 10:30:00 PM	520200.000	19.555	17.374
44.049	34028.512	39830.367	25.579
27.085	29.387	1.018	
1/17/2017 10:45:00 PM	521100.000	19.557	17.374
44.055	34003.641	39801.258	25.558
27.065	29.409	1.018	
1/17/2017 11:00:00 PM	522000.000	19.558	17.373
44.057	34028.109	39830.836	25.579
27.085	29.387	1.018	
1/17/2017 11:15:00 PM	522900.000	19.558	17.372
44.056	34015.766	39816.543	25.569
27.075	29.398	1.018	
1/17/2017 11:30:00 PM	523800.000	19.558	17.373
44.056	33998.770	39795.711	25.554
27.061	29.413	1.018	
1/17/2017 11:45:00 PM	524700.000	19.558	17.373
44.057	33967.973	39760.289	25.529
27.037	29.439	1.018	
1/18/2017 12:00:00 AM	525600.000	19.549	17.373

44.037	33968.949	39761.195	25.530
27.038	29.439	1.018	
1/18/2017 12:15:00 AM	526500.000	19.556	17.373
44.052	33987.453	39782.535	25.545
27.052	29.423	1.018	
1/18/2017 12:30:00 AM	527400.000	19.558	17.373
44.057	33982.246	39776.996	25.541
27.048	29.427	1.018	
1/18/2017 12:45:00 AM	528300.000	19.554	17.371
44.048	33990.035	39787.273	25.548
27.055	29.420	1.018	
1/18/2017 1:00:00 AM	529200.000	19.556	17.372
44.052	33982.504	39777.922	25.541
27.049	29.427	1.018	
1/18/2017 1:15:00 AM	530100.000	19.554	17.372
44.047	33988.316	39784.953	25.546
27.054	29.422	1.018	
1/18/2017 1:30:00 AM	531000.000	19.549	17.371
44.036	33983.453	39780.273	25.543
27.051	29.426	1.018	
1/18/2017 1:45:00 AM	531900.000	19.553	17.370
44.045	33998.895	39799.285	25.556
27.064	29.413	1.018	
1/18/2017 2:00:00 AM	532800.000	19.553	17.369
44.044	33969.898	39765.730	25.533
27.041	29.438	1.018	
1/18/2017 2:15:00 AM	533700.000	19.553	17.367
44.045	33985.172	39785.250	25.546
27.054	29.425	1.018	
1/18/2017 2:30:00 AM	534600.000	19.548	17.369
44.033	34003.977	39806.172	25.561
27.068	29.408	1.018	
1/18/2017 2:45:00 AM	535500.000	19.551	17.368
44.040	33990.809	39791.070	25.551
27.058	29.420	1.018	
1/18/2017 3:00:00 AM	536400.000	19.553	17.369
44.045	33992.617	39792.406	25.552
27.059	29.418	1.018	
1/18/2017 3:15:00 AM	537300.000	19.549	17.369
44.036	34030.910	39837.469	25.584
27.089	29.385	1.018	
1/18/2017 3:30:00 AM	538200.000	19.550	17.368
44.039	33980.992	39779.816	25.543
27.050	29.428	1.018	
1/18/2017 3:45:00 AM	539100.000	19.549	17.366
44.037	34033.066	39842.652	25.587
27.093	29.383	1.018	
1/18/2017 4:00:00 AM	540000.000	19.551	17.366
44.040	33941.281	39735.430	25.511
27.020	29.463	1.018	
1/18/2017 4:15:00 AM	540900.000	19.550	17.364
44.039	33990.418	39794.113	25.553
27.060	29.420	1.018	
1/18/2017 4:30:00 AM	541800.000	19.549	17.365
44.035	34025.906	39835.281	25.582

27.088	29.389	1.018	
1/18/2017 4:45:00 AM	542700.000	19.553	17.365
44.045	34009.242	39815.773	25.568
27.075	29.404	1.018	
1/18/2017 5:00:00 AM	543600.000	19.548	17.363
44.033	33961.516	39761.145	25.529
27.038	29.445	1.018	
1/18/2017 5:15:00 AM	544500.000	19.553	17.363
44.044	33998.262	39804.324	25.560
27.067	29.413	1.018	
1/18/2017 5:30:00 AM	545400.000	19.552	17.363
44.042	33984.953	39788.430	25.548
27.056	29.425	1.018	
1/18/2017 5:45:00 AM	546300.000	19.547	17.362
44.031	33984.738	39789.340	25.549
27.057	29.425	1.018	
1/18/2017 6:00:00 AM	547200.000	19.550	17.361
44.038	33999.676	39807.699	25.562
27.069	29.412	1.018	
1/18/2017 6:15:00 AM	548100.000	19.548	17.362
44.033	34012.688	39822.219	25.572
27.079	29.401	1.018	
1/18/2017 6:30:00 AM	549000.000	19.549	17.363
44.035	33991.371	39796.645	25.554
27.062	29.419	1.018	
1/18/2017 6:45:00 AM	549900.000	19.549	17.363
44.036	33995.027	39800.605	25.557
27.064	29.416	1.018	
1/18/2017 7:00:00 AM	550800.000	19.547	17.364
44.031	33986.465	39790.121	25.550
27.057	29.423	1.018	
1/18/2017 7:15:00 AM	551700.000	19.548	17.362
44.034	33993.820	39799.750	25.556
27.064	29.417	1.018	
1/18/2017 7:30:00 AM	552600.000	19.547	17.363
44.031	33993.949	39799.664	25.556
27.064	29.417	1.018	
1/18/2017 7:45:00 AM	553500.000	19.543	17.363
44.022	34019.363	39829.340	25.577
27.084	29.395	1.018	
1/18/2017 8:00:00 AM	554400.000	19.546	17.364
44.030	34011.344	39819.246	25.570
27.077	29.402	1.018	
1/18/2017 8:15:00 AM	555300.000	19.548	17.362
44.034	34028.430	39840.648	25.585
27.092	29.387	1.018	
1/18/2017 8:30:00 AM	556200.000	19.548	17.362
44.034	33989.172	39794.773	25.553
27.060	29.421	1.018	
1/18/2017 8:45:00 AM	557100.000	19.548	17.363
44.034	33983.492	39787.418	25.548
27.055	29.426	1.018	
1/18/2017 9:00:00 AM	558000.000	19.545	17.364
44.027	34003.426	39809.820	25.564
27.071	29.409	1.018	

1/18/2017 9:15:00 AM	558900.000	19.547	17.364
44.031	33976.918	39778.711	25.542
27.050	29.432	1.018	
1/18/2017 9:30:00 AM	559800.000	19.549	17.364
44.035	34034.598	39846.082	25.589
27.095	29.382	1.018	
1/18/2017 9:45:00 AM	560700.000	19.540	17.361
44.016	34010.793	39820.559	25.571
27.078	29.402	1.018	
1/18/2017 10:00:00 AM	561600.000	19.544	17.363
44.025	33997.480	39803.723	25.559
27.067	29.414	1.018	
1/18/2017 10:15:00 AM	562500.000	19.538	17.362
44.011	33989.516	39795.332	25.553
27.061	29.421	1.018	
1/18/2017 10:30:00 AM	563400.000	19.538	17.362
44.011	34010.141	39819.000	25.570
27.077	29.403	1.018	
1/18/2017 10:45:00 AM	564300.000	19.543	17.362
44.022	34006.133	39814.078	25.567
27.074	29.406	1.018	
1/18/2017 11:00:00 AM	565200.000	19.543	17.363
44.022	34007.551	39815.668	25.568
27.075	29.405	1.018	
1/18/2017 11:15:00 AM	566100.000	19.542	17.363
44.021	34023.824	39834.164	25.581
27.087	29.391	1.018	
1/18/2017 11:30:00 AM	567000.000	19.541	17.363
44.017	34001.215	39807.848	25.562
27.069	29.411	1.018	
1/18/2017 11:45:00 AM	567900.000	19.540	17.363
44.015	34004.527	39811.504	25.565
27.072	29.408	1.018	
1/18/2017 12:00:00 PM	568800.000	19.542	17.362
44.021	34020.813	39831.730	25.579
27.086	29.394	1.018	
1/18/2017 12:15:00 PM	569700.000	19.541	17.362
44.017	34011.895	39821.223	25.572
27.078	29.401	1.018	
1/18/2017 12:30:00 PM	570600.000	19.544	17.361
44.025	34046.160	39862.430	25.601
27.106	29.372	1.018	
1/18/2017 12:45:00 PM	571500.000	19.539	17.362
44.014	33990.719	39796.742	25.554
27.062	29.420	1.018	
1/18/2017 1:00:00 PM	572400.000	19.541	17.360
44.019	33986.207	39792.547	25.551
27.059	29.424	1.018	
1/18/2017 1:15:00 PM	573300.000	19.545	17.362
44.027	34013.012	39822.754	25.573
27.079	29.401	1.018	
1/18/2017 1:30:00 PM	574200.000	19.541	17.362
44.019	33999.973	39806.863	25.561
27.069	29.412	1.018	
1/18/2017 1:45:00 PM	575100.000	19.539	17.360

44.014	34027.688	39841.500	25.586
27.092	29.388	1.018	
1/18/2017 2:00:00 PM	576000.000	19.542	17.362
44.021	33994.203	39800.895	25.557
27.065	29.417	1.018	
1/18/2017 2:15:00 PM	576900.000	19.543	17.360
44.022	34017.891	39829.645	25.578
27.084	29.396	1.018	
1/18/2017 2:30:00 PM	577800.000	19.547	17.360
44.031	34011.246	39822.332	25.572
27.079	29.402	1.018	
1/18/2017 2:45:00 PM	578700.000	19.540	17.360
44.016	34004.918	39814.609	25.567
27.074	29.408	1.018	
1/18/2017 3:00:00 PM	579600.000	19.545	17.359
44.028	33984.094	39791.008	25.550
27.058	29.426	1.018	
1/18/2017 3:15:00 PM	580500.000	19.541	17.359
44.018	34057.223	39876.707	25.611
27.116	29.362	1.018	
1/18/2017 3:30:00 PM	581400.000	19.546	17.360
44.029	34015.980	39828.113	25.576
27.083	29.398	1.018	
1/18/2017 3:45:00 PM	582300.000	19.539	17.360
44.014	34016.504	39828.176	25.577
27.083	29.397	1.018	
1/18/2017 4:00:00 PM	583200.000	19.543	17.360
44.023	34038.238	39854.250	25.595
27.101	29.379	1.018	
1/18/2017 4:15:00 PM	584100.000	19.542	17.359
44.021	34035.027	39851.270	25.593
27.099	29.381	1.018	
1/18/2017 4:30:00 PM	585000.000	19.540	17.359
44.016	34022.832	39837.148	25.583
27.089	29.392	1.018	
1/18/2017 4:45:00 PM	585900.000	19.539	17.359
44.014	34035.543	39852.031	25.593
27.099	29.381	1.018	
1/18/2017 5:00:00 PM	586800.000	19.541	17.358
44.018	34028.590	39843.969	25.588
27.094	29.387	1.018	
1/18/2017 5:15:00 PM	587700.000	19.540	17.356
44.016	34029.012	39847.043	25.590
27.096	29.387	1.018	
1/18/2017 5:30:00 PM	588600.000	19.539	17.357
44.013	34040.277	39859.293	25.598
27.104	29.377	1.018	
1/18/2017 5:45:00 PM	589500.000	19.541	17.358
44.018	34025.500	39841.133	25.586
27.092	29.390	1.018	
1/18/2017 6:00:00 PM	590400.000	19.542	17.357
44.019	34024.422	39839.949	25.585
27.091	29.391	1.018	
1/18/2017 6:15:00 PM	591300.000	19.541	17.358
44.018	34022.918	39837.875	25.583

27.090	29.392	1.018	
1/18/2017 6:30:00 PM	592200.000	19.534	17.356
44.003	33991.531	39802.996	25.558
27.066	29.419	1.018	
1/18/2017 6:45:00 PM	593100.000	19.537	17.360
44.010	34004.441	39814.363	25.567
27.074	29.408	1.018	
1/18/2017 7:00:00 PM	594000.000	19.537	17.358
44.009	34037.277	39854.219	25.595
27.101	29.380	1.018	
1/18/2017 7:15:00 PM	594900.000	19.541	17.359
44.019	34038.777	39855.266	25.596
27.102	29.378	1.018	
1/18/2017 7:30:00 PM	595800.000	19.536	17.360
44.006	34018.688	39831.359	25.579
27.085	29.396	1.018	
1/18/2017 7:45:00 PM	596700.000	19.534	17.362
44.003	34037.641	39851.832	25.593
27.099	29.379	1.018	
1/18/2017 8:00:00 PM	597600.000	19.541	17.362
44.018	34026.434	39838.633	25.584
27.090	29.389	1.018	
1/18/2017 8:15:00 PM	598500.000	19.536	17.362
44.006	34048.078	39863.188	25.602
27.107	29.370	1.018	
1/18/2017 8:30:00 PM	599400.000	19.532	17.364
43.999	34019.426	39828.551	25.577
27.083	29.395	1.018	
1/18/2017 8:45:00 PM	600300.000	19.531	17.361
43.996	34030.660	39844.363	25.588
27.094	29.385	1.018	
1/18/2017 9:00:00 PM	601200.000	19.534	17.363
44.003	34046.809	39861.551	25.600
27.106	29.371	1.018	
1/18/2017 9:15:00 PM	602100.000	19.538	17.363
44.012	34008.059	39815.863	25.568
27.075	29.405	1.018	
1/18/2017 9:30:00 PM	603000.000	19.536	17.364
44.007	34026.129	39836.559	25.583
27.089	29.389	1.018	
1/18/2017 9:45:00 PM	603900.000	19.536	17.363
44.006	34030.957	39842.516	25.587
27.093	29.385	1.018	
1/18/2017 10:00:00 PM	604800.000	19.539	17.365
44.014	34020.070	39828.449	25.577
27.083	29.394	1.018	
1/18/2017 10:15:00 PM	605700.000	19.531	17.364
43.995	34069.855	39887.203	25.619
27.123	29.351	1.018	
1/18/2017 10:30:00 PM	606600.000	19.535	17.365
44.004	34035.691	39846.492	25.590
27.096	29.381	1.018	
1/18/2017 10:45:00 PM	607500.000	19.538	17.365
44.010	34030.652	39840.527	25.586
27.092	29.385	1.018	

1/18/2017 11:00:00 PM	608400.000	19.532	17.365
43.998	34015.145	39822.371	25.573
27.079	29.399	1.018	
1/18/2017 11:15:00 PM	609300.000	19.530	17.365
43.993	34038.070	39849.055	25.592
27.097	29.379	1.018	
1/18/2017 11:30:00 PM	610200.000	19.538	17.365
44.010	34022.262	39830.457	25.578
27.085	29.393	1.018	
1/18/2017 11:45:00 PM	611100.000	19.535	17.365
44.005	34003.234	39808.273	25.563
27.070	29.409	1.018	

Report Date: 1/20/2017 8:28:13 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_2017-01-19_13-54-45-734.wsl
Create Date: 1/19/2017 1:54:43 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
1/19/2017 1:57:01 PM	Log Download - Used Battery: 38% Used Memory: 87% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 2:45:00 PM

Log Data:
Record Count: 736
Sensors: 1
1 - 392547: PCTD 300 PSIG (211m/692ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft		Sensor: PCTD(G)
692ft		Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft
Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft
Elapsed Time		SN#: 392547		SN#: 392547
SN#: 392547		SN#: 392547		SN#: 392547
SN#: 392547		SN#: 392547		SN#: 392547
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)	
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1/12/2017 12:00:00 AM	7200.000	121.873	20.386	
274.531	35719.973	39171.863	25.223	
26.637	27.996	1.017		
1/12/2017 12:15:00 AM	8100.000	121.873	20.384	
274.530	35710.969	39163.793	25.218	
26.631	28.003	1.017		
1/12/2017 12:30:00 AM	9000.000	121.896	20.388	
274.582	35773.512	39229.211	25.264	
26.676	27.954	1.017		
1/12/2017 12:45:00 AM	9900.000	121.882	20.387	
274.551	35755.648	39210.191	25.251	
26.663	27.968	1.017		
1/12/2017 1:00:00 AM	10800.000	121.885	20.386	
274.558	35806.055	39266.117	25.291	
26.701	27.928	1.017		
1/12/2017 1:15:00 AM	11700.000	121.885	20.384	
274.558	35829.242	39293.344	25.310	
26.719	27.910	1.017		
1/12/2017 1:30:00 AM	12600.000	121.858	20.383	
274.496	35842.145	39308.871	25.321	
26.730	27.900	1.017		
1/12/2017 1:45:00 AM	13500.000	121.870	20.386	
274.525	35862.395	39328.117	25.335	
26.743	27.884	1.017		
1/12/2017 2:00:00 AM	14400.000	121.868	20.383	
274.519	35896.914	39368.793	25.364	
26.771	27.858	1.017		
1/12/2017 2:15:00 AM	15300.000	121.825	20.387	
274.423	35819.680	39280.629	25.301	
26.711	27.918	1.017		
1/12/2017 2:30:00 AM	16200.000	121.846	20.386	
274.470	35918.973	39390.598	25.380	
26.786	27.840	1.017		
1/12/2017 2:45:00 AM	17100.000	121.837	20.384	
274.450	35899.684	39370.598	25.365	
26.772	27.855	1.017		
1/12/2017 3:00:00 AM	18000.000	121.829	20.383	

274.431	35912.770	39385.746	25.376
26.782	27.845	1.017	
1/12/2017 3:15:00 AM	18900.000	121.829	20.385
274.431	35956.789	39432.648	25.410
26.814	27.811	1.017	
1/12/2017 3:30:00 AM	19800.000	121.816	20.387
274.403	35935.449	39407.660	25.392
26.797	27.828	1.017	
1/12/2017 3:45:00 AM	20700.000	121.808	20.384
274.385	35954.055	39430.086	25.408
26.812	27.813	1.017	
1/12/2017 4:00:00 AM	21600.000	121.801	20.382
274.370	35988.426	39469.664	25.436
26.839	27.787	1.017	
1/12/2017 4:15:00 AM	22500.000	121.782	20.382
274.326	36003.133	39485.711	25.447
26.850	27.775	1.017	
1/12/2017 4:30:00 AM	23400.000	121.810	20.382
274.389	36017.477	39501.375	25.459
26.861	27.764	1.017	
1/12/2017 4:45:00 AM	24300.000	121.817	20.384
274.405	36028.051	39511.375	25.466
26.868	27.756	1.017	
1/12/2017 5:00:00 AM	25200.000	121.817	20.381
274.405	36050.141	39538.430	25.485
26.886	27.739	1.017	
1/12/2017 5:15:00 AM	26100.000	121.830	20.385
274.434	35981.895	39460.113	25.429
26.833	27.792	1.017	
1/12/2017 5:30:00 AM	27000.000	121.844	20.387
274.465	36039.586	39521.492	25.473
26.875	27.747	1.017	
1/12/2017 5:45:00 AM	27900.000	121.860	20.387
274.502	36051.441	39534.785	25.483
26.884	27.738	1.017	
1/12/2017 6:00:00 AM	28800.000	121.878	20.385
274.542	36087.570	39575.926	25.512
26.912	27.710	1.017	
1/12/2017 6:15:00 AM	29700.000	121.876	20.383
274.537	36097.703	39588.777	25.521
26.920	27.703	1.017	
1/12/2017 6:30:00 AM	30600.000	121.886	20.382
274.561	36121.027	39615.094	25.540
26.938	27.685	1.017	
1/12/2017 6:45:00 AM	31500.000	121.922	20.386
274.642	36078.305	39565.039	25.504
26.904	27.717	1.017	
1/12/2017 7:00:00 AM	32400.000	121.944	20.383
274.690	36169.078	39667.055	25.577
26.974	27.648	1.017	
1/12/2017 7:15:00 AM	33300.000	121.977	20.384
274.764	36180.039	39678.059	25.585
26.981	27.640	1.018	
1/12/2017 7:30:00 AM	34200.000	122.004	20.384
274.825	36175.836	39673.746	25.582
26.978	27.643	1.017	
1/12/2017 7:45:00 AM	35100.000	122.028	20.385

274.880	36200.156	39699.613	25.600
26.996	27.624	1.018	
1/12/2017 8:00:00 AM	36000.000	122.046	20.387
274.920	36197.273	39694.922	25.597
26.993	27.626	1.018	
1/12/2017 8:15:00 AM	36900.000	122.078	20.384
274.993	36219.160	39721.035	25.616
27.010	27.610	1.018	
1/12/2017 8:30:00 AM	37800.000	122.105	20.385
275.053	36233.355	39735.879	25.626
27.020	27.599	1.018	
1/12/2017 8:45:00 AM	38700.000	122.132	20.383
275.115	36304.953	39816.367	25.684
27.075	27.544	1.018	
1/12/2017 9:00:00 AM	39600.000	122.134	20.384
275.120	36297.227	39806.734	25.677
27.069	27.550	1.018	
1/12/2017 9:15:00 AM	40500.000	122.158	20.386
275.173	36314.012	39823.379	25.689
27.080	27.538	1.018	
1/12/2017 9:30:00 AM	41400.000	122.185	20.382
275.233	36316.777	39829.551	25.693
27.084	27.535	1.018	
1/12/2017 9:45:00 AM	42300.000	122.178	20.385
275.219	36269.184	39775.609	25.655
27.047	27.572	1.018	
1/12/2017 10:00:00 AM	43200.000	122.213	20.385
275.296	36314.840	39825.457	25.690
27.081	27.537	1.018	
1/12/2017 10:15:00 AM	44100.000	122.221	20.386
275.314	36305.887	39814.762	25.683
27.074	27.544	1.018	
1/12/2017 10:30:00 AM	45000.000	122.228	20.386
275.331	36339.559	39851.762	25.709
27.099	27.518	1.018	
1/12/2017 10:45:00 AM	45900.000	122.205	20.386
275.279	36291.559	39798.684	25.671
27.063	27.555	1.018	
1/12/2017 11:00:00 AM	46800.000	122.211	20.387
275.293	36342.742	39854.305	25.711
27.101	27.516	1.018	
1/12/2017 11:15:00 AM	47700.000	122.230	20.388
275.334	36338.074	39847.871	25.706
27.097	27.519	1.018	
1/12/2017 11:30:00 AM	48600.000	122.185	20.387
275.233	36343.836	39855.277	25.712
27.102	27.515	1.018	
1/12/2017 11:45:00 AM	49500.000	122.208	20.386
275.285	36386.391	39903.340	25.746
27.134	27.483	1.018	
1/12/2017 12:00:00 PM	50400.000	122.187	20.387
275.239	36348.941	39860.734	25.716
27.105	27.511	1.018	
1/12/2017 12:15:00 PM	51300.000	122.161	20.387
275.179	36348.770	39861.129	25.716
27.106	27.511	1.018	
1/12/2017 12:30:00 PM	52200.000	122.134	20.384

275.120	36417.063	39937.855	25.771
27.158	27.460	1.018	
1/12/2017 12:45:00 PM	53100.000	122.095	20.391
275.031	36330.527	39837.543	25.699
27.090	27.525	1.018	
1/12/2017 1:00:00 PM	54000.000	122.060	20.389
274.951	36318.969	39826.191	25.691
27.082	27.534	1.018	
1/12/2017 1:15:00 PM	54900.000	122.052	20.389
274.934	36324.461	39832.500	25.695
27.086	27.530	1.018	
1/12/2017 1:30:00 PM	55800.000	122.012	20.389
274.843	36351.117	39862.098	25.717
27.106	27.509	1.018	
1/12/2017 1:45:00 PM	56700.000	121.978	20.390
274.768	36300.250	39805.074	25.676
27.067	27.548	1.018	
1/12/2017 2:00:00 PM	57600.000	121.935	20.391
274.670	36355.238	39865.008	25.719
27.108	27.506	1.018	
1/12/2017 2:15:00 PM	58500.000	121.893	20.390
274.576	36329.289	39837.281	25.699
27.089	27.526	1.018	
1/12/2017 2:30:00 PM	59400.000	121.865	20.388
274.512	36352.594	39864.230	25.718
27.108	27.508	1.018	
1/12/2017 2:45:00 PM	60300.000	121.821	20.388
274.413	36304.715	39811.797	25.681
27.072	27.545	1.018	
1/12/2017 3:00:00 PM	61200.000	121.782	20.390
274.325	36317.129	39823.582	25.689
27.080	27.535	1.018	
1/12/2017 3:15:00 PM	62100.000	121.743	20.389
274.238	36323.328	39831.113	25.694
27.085	27.531	1.018	
1/12/2017 3:30:00 PM	63000.000	121.714	20.390
274.172	36320.574	39827.215	25.692
27.083	27.533	1.018	
1/12/2017 3:45:00 PM	63900.000	121.649	20.389
274.026	36285.793	39790.465	25.665
27.058	27.559	1.018	
1/12/2017 4:00:00 PM	64800.000	121.650	20.390
274.028	36301.422	39806.289	25.677
27.068	27.547	1.018	
1/12/2017 4:15:00 PM	65700.000	121.625	20.391
273.972	36239.910	39738.039	25.628
27.022	27.594	1.018	
1/12/2017 4:30:00 PM	66600.000	121.588	20.385
273.889	36346.676	39860.297	25.715
27.105	27.513	1.018	
1/12/2017 4:45:00 PM	67500.000	121.556	20.392
273.818	36260.555	39760.309	25.644
27.037	27.578	1.018	
1/12/2017 5:00:00 PM	68400.000	121.519	20.391
273.734	36278.293	39780.348	25.658
27.051	27.565	1.018	
1/12/2017 5:15:00 PM	69300.000	121.496	20.391

273.682	36347.801	39856.715	25.713
27.103	27.512	1.018	
1/12/2017 5:30:00 PM	70200.000	121.517	20.390
273.728	36250.762	39750.961	25.637
27.031	27.586	1.018	
1/12/2017 5:45:00 PM	71100.000	121.484	20.388
273.654	36269.535	39772.926	25.653
27.046	27.571	1.018	
1/12/2017 6:00:00 PM	72000.000	121.482	20.390
273.650	36259.891	39760.609	25.644
27.037	27.579	1.018	
1/12/2017 6:15:00 PM	72900.000	121.452	20.389
273.583	36297.539	39802.980	25.674
27.066	27.550	1.018	
1/12/2017 6:30:00 PM	73800.000	121.476	20.386
273.637	36279.250	39785.258	25.662
27.054	27.564	1.018	
1/12/2017 6:45:00 PM	74700.000	121.481	20.384
273.648	36321.145	39832.734	25.695
27.086	27.532	1.018	
1/12/2017 7:00:00 PM	75600.000	121.489	20.386
273.666	36291.488	39799.262	25.671
27.063	27.555	1.018	
1/12/2017 7:15:00 PM	76500.000	121.507	20.385
273.707	36293.379	39801.707	25.673
27.065	27.553	1.018	
1/12/2017 7:30:00 PM	77400.000	121.509	20.388
273.712	36227.789	39727.223	25.620
27.015	27.603	1.018	
1/12/2017 7:45:00 PM	78300.000	121.500	20.382
273.691	36289.344	39799.828	25.672
27.064	27.556	1.018	
1/12/2017 8:00:00 PM	79200.000	121.544	20.384
273.790	36339.375	39853.027	25.710
27.100	27.518	1.018	
1/12/2017 8:15:00 PM	80100.000	121.560	20.381
273.825	36375.500	39894.762	25.740
27.128	27.491	1.018	
1/12/2017 8:30:00 PM	81000.000	121.595	20.382
273.905	36372.523	39891.355	25.737
27.126	27.493	1.018	
1/12/2017 8:45:00 PM	81900.000	121.616	20.383
273.953	36355.438	39871.879	25.723
27.113	27.506	1.018	
1/12/2017 9:00:00 PM	82800.000	121.645	20.382
274.018	36360.363	39877.352	25.727
27.117	27.502	1.018	
1/12/2017 9:15:00 PM	83700.000	121.636	20.383
273.998	36378.383	39896.898	25.741
27.130	27.489	1.018	
1/12/2017 9:30:00 PM	84600.000	121.699	20.379
274.138	36359.098	39878.750	25.728
27.118	27.503	1.018	
1/12/2017 9:45:00 PM	85500.000	121.718	20.379
274.182	36415.145	39940.145	25.772
27.159	27.461	1.018	
1/12/2017 10:00:00 PM	86400.000	121.720	20.381

274.186	36430.711	39955.676	25.783
27.170	27.449	1.018	
1/12/2017 10:15:00 PM	87300.000	121.745	20.379
274.243	36436.770	39964.301	25.789
27.176	27.445	1.018	
1/12/2017 10:30:00 PM	88200.000	121.771	20.379
274.302	36457.598	39986.555	25.805
27.191	27.429	1.018	
1/12/2017 10:45:00 PM	89100.000	121.806	20.381
274.380	36488.688	40018.898	25.828
27.213	27.406	1.018	
1/12/2017 11:00:00 PM	90000.000	121.832	20.381
274.439	36449.375	39975.855	25.798
27.184	27.435	1.018	
1/12/2017 11:15:00 PM	90900.000	121.835	20.383
274.444	36496.465	40026.402	25.834
27.218	27.400	1.018	
1/12/2017 11:30:00 PM	91800.000	121.874	20.382
274.533	36500.656	40031.949	25.838
27.222	27.397	1.018	
1/12/2017 11:45:00 PM	92700.000	121.858	20.384
274.496	36527.734	40059.738	25.858
27.241	27.376	1.018	
1/13/2017 12:00:00 AM	93600.000	121.852	20.383
274.485	36501.578	40031.566	25.838
27.221	27.396	1.018	
1/13/2017 12:15:00 AM	94500.000	121.885	20.383
274.558	36493.008	40022.098	25.831
27.215	27.403	1.018	
1/13/2017 12:30:00 AM	95400.000	121.892	20.384
274.573	36551.879	40085.926	25.877
27.258	27.358	1.018	
1/13/2017 12:45:00 AM	96300.000	121.894	20.385
274.579	36534.059	40065.723	25.862
27.245	27.372	1.018	
1/13/2017 1:00:00 AM	97200.000	121.896	20.385
274.582	36565.258	40100.238	25.887
27.268	27.348	1.018	
1/13/2017 1:15:00 AM	98100.000	121.887	20.389
274.563	36552.012	40082.184	25.874
27.256	27.358	1.018	
1/13/2017 1:30:00 AM	99000.000	121.880	20.386
274.548	36558.336	40091.461	25.881
27.262	27.354	1.018	
1/13/2017 1:45:00 AM	99900.000	121.878	20.386
274.542	36571.777	40106.574	25.891
27.272	27.343	1.018	
1/13/2017 2:00:00 AM	100800.000	121.866	20.383
274.515	36561.957	40098.078	25.885
27.267	27.351	1.018	
1/13/2017 2:15:00 AM	101700.000	121.848	20.387
274.475	36591.227	40126.871	25.906
27.286	27.329	1.018	
1/13/2017 2:30:00 AM	102600.000	121.851	20.387
274.480	36577.934	40112.516	25.896
27.277	27.339	1.018	
1/13/2017 2:45:00 AM	103500.000	121.851	20.385

274.482	36565.621	40099.965	25.887
27.268	27.348	1.018	
1/13/2017 3:00:00 AM	104400.000	121.823	20.388
274.419	36544.660	40074.625	25.869
27.251	27.364	1.018	
1/13/2017 3:15:00 AM	105300.000	121.824	20.388
274.421	36564.391	40096.340	25.884
27.266	27.349	1.018	
1/13/2017 3:30:00 AM	106200.000	121.803	20.386
274.373	36568.824	40102.676	25.889
27.270	27.346	1.018	
1/13/2017 3:45:00 AM	107100.000	121.791	20.387
274.347	36576.891	40111.148	25.895
27.276	27.340	1.018	
1/13/2017 4:00:00 AM	108000.000	121.785	20.387
274.332	36580.109	40114.309	25.897
27.278	27.337	1.018	
1/13/2017 4:15:00 AM	108900.000	121.787	20.384
274.337	36567.086	40102.965	25.889
27.270	27.347	1.018	
1/13/2017 4:30:00 AM	109800.000	121.777	20.383
274.314	36579.223	40116.719	25.899
27.279	27.338	1.018	
1/13/2017 4:45:00 AM	110700.000	121.774	20.386
274.307	36584.289	40120.219	25.901
27.282	27.334	1.018	
1/13/2017 5:00:00 AM	111600.000	121.774	20.385
274.308	36596.168	40133.688	25.911
27.291	27.325	1.018	
1/13/2017 5:15:00 AM	112500.000	121.771	20.383
274.301	36602.082	40142.309	25.917
27.297	27.321	1.018	
1/13/2017 5:30:00 AM	113400.000	121.768	20.386
274.294	36618.152	40157.430	25.928
27.307	27.309	1.018	
1/13/2017 5:45:00 AM	114300.000	121.776	20.386
274.312	36601.402	40138.840	25.914
27.294	27.321	1.018	
1/13/2017 6:00:00 AM	115200.000	121.772	20.385
274.302	36601.652	40139.633	25.915
27.295	27.321	1.018	
1/13/2017 6:15:00 AM	116100.000	121.779	20.388
274.319	36583.207	40117.191	25.899
27.280	27.335	1.018	
1/13/2017 6:30:00 AM	117000.000	121.789	20.385
274.342	36590.793	40128.156	25.907
27.287	27.329	1.018	
1/13/2017 6:45:00 AM	117900.000	121.799	20.383
274.364	36619.172	40160.680	25.930
27.309	27.308	1.018	
1/13/2017 7:00:00 AM	118800.000	121.823	20.384
274.419	36659.348	40204.078	25.961
27.339	27.278	1.018	
1/13/2017 7:15:00 AM	119700.000	121.836	20.386
274.448	36621.059	40160.539	25.930
27.309	27.307	1.018	
1/13/2017 7:30:00 AM	120600.000	121.861	20.385

274.505	36621.555	40162.047	25.931
27.310	27.306	1.018	
1/13/2017 7:45:00 AM	121500.000	121.871	20.384
274.527	36638.188	40180.664	25.944
27.323	27.294	1.018	
1/13/2017 8:00:00 AM	122400.000	121.907	20.385
274.607	36561.070	40095.414	25.883
27.265	27.351	1.018	
1/13/2017 8:15:00 AM	123300.000	121.936	20.382
274.674	36663.051	40209.316	25.965
27.342	27.275	1.018	
1/13/2017 8:30:00 AM	124200.000	121.954	20.381
274.713	36687.820	40237.813	25.985
27.362	27.257	1.018	
1/13/2017 8:45:00 AM	125100.000	121.945	20.384
274.693	36683.234	40229.762	25.979
27.356	27.260	1.018	
1/13/2017 9:00:00 AM	126000.000	121.994	20.383
274.803	36646.754	40190.930	25.952
27.330	27.288	1.018	
1/13/2017 9:15:00 AM	126900.000	122.025	20.383
274.874	36732.520	40285.059	26.019
27.394	27.224	1.018	
1/13/2017 9:30:00 AM	127800.000	122.019	20.383
274.859	36715.527	40266.500	26.006
27.381	27.236	1.018	
1/13/2017 9:45:00 AM	128700.000	122.046	20.384
274.921	36728.836	40279.992	26.015
27.390	27.227	1.018	
1/13/2017 10:00:00 AM	129600.000	122.077	20.382
274.990	36728.660	40281.945	26.017
27.392	27.227	1.018	
1/13/2017 10:15:00 AM	130500.000	122.093	20.384
275.026	36769.027	40323.922	26.047
27.420	27.197	1.018	
1/13/2017 10:30:00 AM	131400.000	122.088	20.383
275.014	36716.160	40266.758	26.006
27.381	27.236	1.018	
1/13/2017 10:45:00 AM	132300.000	122.130	20.382
275.111	36762.527	40318.563	26.043
27.417	27.202	1.018	
1/13/2017 11:00:00 AM	133200.000	122.128	20.388
275.104	36722.715	40270.477	26.009
27.384	27.231	1.018	
1/13/2017 11:15:00 AM	134100.000	122.138	20.385
275.128	36767.414	40321.637	26.045
27.419	27.198	1.018	
1/13/2017 11:30:00 AM	135000.000	122.135	20.385
275.122	36740.824	40292.402	26.024
27.399	27.218	1.018	
1/13/2017 11:45:00 AM	135900.000	122.138	20.385
275.128	36775.633	40330.953	26.052
27.425	27.192	1.018	
1/13/2017 12:00:00 PM	136800.000	122.132	20.388
275.115	36735.418	40284.035	26.018
27.393	27.222	1.018	
1/13/2017 12:15:00 PM	137700.000	122.123	20.386

275.094	36765.508	40318.434	26.043
27.417	27.199	1.018	
1/13/2017 12:30:00 PM	138600.000	122.104	20.383
275.050	36766.324	40322.508	26.046
27.419	27.199	1.018	
1/13/2017 12:45:00 PM	139500.000	122.104	20.385
275.051	36779.223	40334.211	26.054
27.427	27.189	1.018	
1/13/2017 1:00:00 PM	140400.000	122.054	20.385
274.938	36760.566	40314.055	26.040
27.414	27.203	1.018	
1/13/2017 1:15:00 PM	141300.000	122.037	20.384
274.900	36797.016	40354.688	26.069
27.441	27.176	1.018	
1/13/2017 1:30:00 PM	142200.000	122.040	20.386
274.907	36784.039	40339.422	26.058
27.431	27.186	1.018	
1/13/2017 1:45:00 PM	143100.000	122.007	20.384
274.832	36794.230	40352.004	26.067
27.439	27.178	1.018	
1/13/2017 2:00:00 PM	144000.000	121.969	20.387
274.747	36746.363	40297.141	26.028
27.402	27.214	1.018	
1/13/2017 2:15:00 PM	144900.000	121.923	20.386
274.643	36797.570	40353.895	26.068
27.441	27.176	1.018	
1/13/2017 2:30:00 PM	145800.000	121.907	20.384
274.608	36762.684	40317.266	26.042
27.416	27.201	1.018	
1/13/2017 2:45:00 PM	146700.000	121.865	20.386
274.512	36752.012	40304.004	26.033
27.407	27.209	1.018	
1/13/2017 3:00:00 PM	147600.000	121.809	20.383
274.387	36767.160	40322.691	26.046
27.419	27.198	1.018	
1/13/2017 3:15:00 PM	148500.000	121.793	20.385
274.350	36765.430	40319.605	26.044
27.417	27.199	1.018	
1/13/2017 3:30:00 PM	149400.000	121.738	20.384
274.226	36792.512	40349.906	26.066
27.438	27.179	1.018	
1/13/2017 3:45:00 PM	150300.000	121.697	20.385
274.134	36761.887	40315.793	26.041
27.415	27.202	1.018	
1/13/2017 4:00:00 PM	151200.000	121.681	20.382
274.099	36725.531	40278.434	26.014
27.389	27.229	1.018	
1/13/2017 4:15:00 PM	152100.000	121.658	20.384
274.047	36786.406	40343.648	26.061
27.434	27.184	1.018	
1/13/2017 4:30:00 PM	153000.000	121.611	20.384
273.940	36751.324	40304.434	26.033
27.407	27.210	1.018	
1/13/2017 4:45:00 PM	153900.000	121.576	20.380
273.861	36753.695	40310.508	26.037
27.411	27.208	1.018	
1/13/2017 5:00:00 PM	154800.000	121.568	20.386

273.844	36698.422	40245.086	25.991
27.367	27.249	1.018	
1/13/2017 5:15:00 PM	155700.000	121.532	20.383
273.762	36745.422	40299.141	26.029
27.403	27.214	1.018	
1/13/2017 5:30:00 PM	156600.000	121.521	20.381
273.737	36708.309	40259.910	26.001
27.377	27.242	1.018	
1/13/2017 5:45:00 PM	157500.000	121.496	20.386
273.681	36721.590	40270.641	26.009
27.384	27.232	1.018	
1/13/2017 6:00:00 PM	158400.000	121.443	20.385
273.563	36698.004	40245.586	25.991
27.367	27.249	1.018	
1/13/2017 6:15:00 PM	159300.000	121.436	20.380
273.545	36732.684	40287.465	26.021
27.395	27.224	1.018	
1/13/2017 6:30:00 PM	160200.000	121.452	20.381
273.584	36703.480	40254.688	25.997
27.373	27.245	1.018	
1/13/2017 6:45:00 PM	161100.000	121.446	20.381
273.569	36699.977	40250.922	25.995
27.371	27.248	1.018	
1/13/2017 7:00:00 PM	162000.000	121.438	20.379
273.552	36726.523	40282.039	26.017
27.392	27.228	1.018	
1/13/2017 7:15:00 PM	162900.000	121.404	20.382
273.474	36738.633	40292.211	26.024
27.399	27.219	1.018	
1/13/2017 7:30:00 PM	163800.000	121.439	20.379
273.553	36705.141	40258.289	26.000
27.376	27.244	1.018	
1/13/2017 7:45:00 PM	164700.000	121.455	20.378
273.589	36725.742	40281.695	26.016
27.392	27.229	1.018	
1/13/2017 8:00:00 PM	165600.000	121.460	20.380
273.601	36746.035	40302.473	26.031
27.406	27.214	1.018	
1/13/2017 8:15:00 PM	166500.000	121.437	20.377
273.550	36709.359	40264.391	26.004
27.380	27.241	1.018	
1/13/2017 8:30:00 PM	167400.000	121.486	20.379
273.659	36661.852	40210.656	25.966
27.343	27.276	1.018	
1/13/2017 8:45:00 PM	168300.000	121.480	20.382
273.646	36711.320	40262.770	26.003
27.379	27.240	1.018	
1/13/2017 9:00:00 PM	169200.000	121.502	20.378
273.695	36685.977	40238.078	25.985
27.362	27.258	1.018	
1/13/2017 9:15:00 PM	170100.000	121.527	20.379
273.751	36714.723	40268.797	26.007
27.383	27.237	1.018	
1/13/2017 9:30:00 PM	171000.000	121.575	20.379
273.860	36709.457	40263.469	26.003
27.379	27.241	1.018	
1/13/2017 9:45:00 PM	171900.000	121.599	20.377

273.913	36752.617	40312.203	26.038
27.412	27.209	1.018	
1/13/2017 10:00:00 PM	172800.000	121.593	20.376
273.899	36730.176	40288.547	26.021
27.396	27.226	1.018	
1/13/2017 10:15:00 PM	173700.000	121.638	20.376
274.000	36741.133	40300.793	26.030
27.405	27.217	1.018	
1/13/2017 10:30:00 PM	174600.000	121.679	20.375
274.095	36729.969	40288.914	26.022
27.396	27.226	1.018	
1/13/2017 10:45:00 PM	175500.000	121.685	20.375
274.107	36758.172	40319.555	26.044
27.417	27.205	1.018	
1/13/2017 11:00:00 PM	176400.000	121.731	20.372
274.212	36762.043	40326.461	26.048
27.422	27.202	1.018	
1/13/2017 11:15:00 PM	177300.000	121.736	20.377
274.222	36792.508	40355.809	26.070
27.442	27.179	1.018	
1/13/2017 11:30:00 PM	178200.000	121.749	20.375
274.251	36786.742	40351.414	26.066
27.439	27.184	1.018	
1/13/2017 11:45:00 PM	179100.000	121.768	20.377
274.295	36786.836	40349.445	26.065
27.438	27.184	1.018	
1/14/2017 12:00:00 AM	180000.000	121.783	20.376
274.328	36809.699	40375.254	26.083
27.455	27.167	1.018	
1/14/2017 12:15:00 AM	180900.000	121.821	20.380
274.413	36808.430	40371.203	26.081
27.452	27.168	1.018	
1/14/2017 12:30:00 AM	181800.000	121.844	20.379
274.465	36802.305	40364.555	26.076
27.448	27.172	1.018	
1/14/2017 12:45:00 AM	182700.000	121.846	20.377
274.470	36833.195	40400.516	26.102
27.472	27.149	1.018	
1/14/2017 1:00:00 AM	183600.000	121.856	20.379
274.493	36822.320	40387.180	26.092
27.463	27.157	1.018	
1/14/2017 1:15:00 AM	184500.000	121.843	20.380
274.464	36817.234	40380.195	26.087
27.459	27.161	1.018	
1/14/2017 1:30:00 AM	185400.000	121.869	20.383
274.522	36780.922	40338.145	26.057
27.430	27.188	1.018	
1/14/2017 1:45:00 AM	186300.000	121.845	20.383
274.468	36860.227	40425.492	26.120
27.489	27.130	1.018	
1/14/2017 2:00:00 AM	187200.000	121.836	20.383
274.448	36844.512	40407.961	26.107
27.477	27.141	1.018	
1/14/2017 2:15:00 AM	188100.000	121.861	20.381
274.505	36845.281	40409.992	26.108
27.479	27.141	1.018	
1/14/2017 2:30:00 AM	189000.000	121.828	20.383

274.430	36876.063	40442.195	26.132
27.501	27.118	1.018	
1/14/2017 2:45:00 AM	189900.000	121.846	20.384
274.470	36883.266	40449.578	26.137
27.506	27.113	1.018	
1/14/2017 3:00:00 AM	190800.000	121.837	20.385
274.450	36829.922	40390.406	26.095
27.465	27.152	1.018	
1/14/2017 3:15:00 AM	191700.000	121.840	20.381
274.456	36864.707	40431.664	26.124
27.494	27.126	1.018	
1/14/2017 3:30:00 AM	192600.000	121.825	20.382
274.423	36867.406	40433.672	26.125
27.495	27.124	1.018	
1/14/2017 3:45:00 AM	193500.000	121.780	20.383
274.321	36868.582	40434.141	26.126
27.495	27.123	1.018	
1/14/2017 4:00:00 AM	194400.000	121.767	20.380
274.292	36818.414	40382.012	26.088
27.460	27.160	1.018	
1/14/2017 4:15:00 AM	195300.000	121.785	20.382
274.332	36848.047	40412.723	26.110
27.481	27.138	1.018	
1/14/2017 4:30:00 AM	196200.000	121.782	20.382
274.326	36866.250	40432.477	26.125
27.494	27.125	1.018	
1/14/2017 4:45:00 AM	197100.000	121.744	20.384
274.240	36828.879	40390.160	26.094
27.465	27.153	1.018	
1/14/2017 5:00:00 AM	198000.000	121.737	20.383
274.224	36876.406	40442.793	26.132
27.501	27.118	1.018	
1/14/2017 5:15:00 AM	198900.000	121.758	20.383
274.271	36874.270	40440.156	26.130
27.499	27.119	1.018	
1/14/2017 5:30:00 AM	199800.000	121.747	20.383
274.246	36873.172	40439.473	26.130
27.499	27.120	1.018	
1/14/2017 5:45:00 AM	200700.000	121.736	20.383
274.222	36866.285	40431.328	26.124
27.493	27.125	1.018	
1/14/2017 6:00:00 AM	201600.000	121.726	20.380
274.199	36853.188	40419.996	26.116
27.486	27.135	1.018	
1/14/2017 6:15:00 AM	202500.000	121.748	20.379
274.250	36880.750	40450.742	26.138
27.507	27.114	1.018	
1/14/2017 6:30:00 AM	203400.000	121.748	20.381
274.250	36863.262	40429.926	26.123
27.492	27.127	1.018	
1/14/2017 6:45:00 AM	204300.000	121.708	20.378
274.159	36859.016	40427.875	26.121
27.491	27.130	1.018	
1/14/2017 7:00:00 AM	205200.000	121.755	20.377
274.266	36879.980	40451.465	26.138
27.507	27.115	1.018	
1/14/2017 7:15:00 AM	206100.000	121.747	20.380

274.246	36865.879	40433.988	26.126
27.495	27.125	1.018	
1/14/2017 7:30:00 AM	207000.000	121.779	20.379
274.319	36840.027	40406.375	26.106
27.476	27.144	1.018	
1/14/2017 7:45:00 AM	207900.000	121.756	20.380
274.268	36897.004	40467.906	26.150
27.518	27.102	1.018	
1/14/2017 8:00:00 AM	208800.000	121.780	20.377
274.322	36906.727	40481.238	26.159
27.527	27.095	1.018	
1/14/2017 8:15:00 AM	209700.000	121.812	20.377
274.394	36869.191	40439.848	26.130
27.499	27.123	1.018	
1/14/2017 8:30:00 AM	210600.000	121.842	20.378
274.461	36900.078	40473.430	26.154
27.522	27.100	1.018	
1/14/2017 8:45:00 AM	211500.000	121.870	20.381
274.525	36880.371	40449.215	26.137
27.505	27.115	1.018	
1/14/2017 9:00:00 AM	212400.000	121.850	20.379
274.479	36917.719	40491.211	26.167
27.534	27.087	1.018	
1/14/2017 9:15:00 AM	213300.000	121.898	20.380
274.588	36907.941	40479.973	26.159
27.526	27.094	1.018	
1/14/2017 9:30:00 AM	214200.000	121.925	20.381
274.647	36936.777	40510.633	26.181
27.547	27.073	1.018	
1/14/2017 9:45:00 AM	215100.000	121.922	20.380
274.642	36887.223	40457.035	26.142
27.511	27.110	1.018	
1/14/2017 10:00:00 AM	216000.000	121.969	20.381
274.747	36941.156	40515.285	26.184
27.550	27.070	1.018	
1/14/2017 10:15:00 AM	216900.000	121.998	20.381
274.812	36936.789	40510.945	26.181
27.547	27.073	1.018	
1/14/2017 10:30:00 AM	217800.000	122.021	20.381
274.863	36925.422	40498.555	26.172
27.539	27.082	1.018	
1/14/2017 10:45:00 AM	218700.000	122.029	20.383
274.883	36940.109	40512.656	26.182
27.549	27.071	1.018	
1/14/2017 11:00:00 AM	219600.000	122.033	20.379
274.891	36944.105	40520.082	26.187
27.554	27.068	1.018	
1/14/2017 11:15:00 AM	220500.000	122.071	20.383
274.978	36953.457	40527.523	26.193
27.559	27.061	1.018	
1/14/2017 11:30:00 AM	221400.000	122.084	20.382
275.006	36954.492	40529.465	26.194
27.560	27.060	1.018	
1/14/2017 11:45:00 AM	222300.000	122.073	20.381
274.982	36970.203	40547.520	26.207
27.572	27.049	1.018	
1/14/2017 12:00:00 PM	223200.000	122.091	20.383

275.021	36901.098	40470.246	26.152
27.520	27.099	1.018	
1/14/2017 12:15:00 PM	224100.000	122.101	20.382
275.045	36955.730	40530.902	26.195
27.561	27.059	1.018	
1/14/2017 12:30:00 PM	225000.000	122.078	20.381
274.992	36966.105	40543.316	26.204
27.569	27.052	1.018	
1/14/2017 12:45:00 PM	225900.000	122.101	20.386
275.044	36972.781	40546.406	26.206
27.572	27.047	1.018	
1/14/2017 1:00:00 PM	226800.000	122.093	20.382
275.026	36978.891	40555.785	26.213
27.578	27.042	1.018	
1/14/2017 1:15:00 PM	227700.000	122.062	20.383
274.957	36991.422	40568.711	26.222
27.587	27.033	1.018	
1/14/2017 1:30:00 PM	228600.000	122.043	20.383
274.913	36913.902	40484.289	26.162
27.529	27.090	1.018	
1/14/2017 1:45:00 PM	229500.000	122.053	20.383
274.937	36992.535	40570.223	26.223
27.588	27.032	1.018	
1/14/2017 2:00:00 PM	230400.000	122.029	20.378
274.883	36949.555	40526.953	26.192
27.558	27.064	1.018	
1/14/2017 2:15:00 PM	231300.000	121.978	20.381
274.767	36984.422	40562.594	26.218
27.583	27.038	1.018	
1/14/2017 2:30:00 PM	232200.000	121.982	20.383
274.777	36948.090	40521.188	26.188
27.554	27.065	1.018	
1/14/2017 2:45:00 PM	233100.000	121.956	20.382
274.717	36963.871	40539.234	26.201
27.567	27.053	1.018	
1/14/2017 3:00:00 PM	234000.000	121.895	20.383
274.580	36977.148	40553.207	26.211
27.576	27.044	1.018	
1/14/2017 3:15:00 PM	234900.000	121.887	20.382
274.563	36975.148	40552.348	26.211
27.576	27.045	1.018	
1/14/2017 3:30:00 PM	235800.000	121.866	20.383
274.515	36937.234	40509.141	26.180
27.546	27.073	1.018	
1/14/2017 3:45:00 PM	236700.000	121.831	20.383
274.436	36971.766	40547.445	26.207
27.572	27.048	1.018	
1/14/2017 4:00:00 PM	237600.000	121.790	20.382
274.344	36967.840	40544.266	26.205
27.570	27.051	1.018	
1/14/2017 4:15:00 PM	238500.000	121.760	20.377
274.276	36969.840	40550.098	26.209
27.574	27.049	1.018	
1/14/2017 4:30:00 PM	239400.000	121.716	20.382
274.177	36977.055	40554.438	26.212
27.577	27.044	1.018	
1/14/2017 4:45:00 PM	240300.000	121.663	20.380

274.057	36936.070	40510.973	26.181
27.547	27.074	1.018	
1/14/2017 5:00:00 PM	241200.000	121.667	20.379
274.067	36955.879	40533.598	26.197
27.563	27.059	1.018	
1/14/2017 5:15:00 PM	242100.000	121.620	20.380
273.960	36951.477	40527.648	26.193
27.559	27.063	1.018	
1/14/2017 5:30:00 PM	243000.000	121.588	20.375
273.889	36954.621	40535.777	26.198
27.564	27.060	1.018	
1/14/2017 5:45:00 PM	243900.000	121.576	20.379
273.861	36942.848	40519.008	26.187
27.553	27.069	1.018	
1/14/2017 6:00:00 PM	244800.000	121.558	20.382
273.820	36918.102	40489.484	26.165
27.533	27.087	1.018	
1/14/2017 6:15:00 PM	245700.000	121.519	20.378
273.734	36938.762	40515.266	26.184
27.550	27.072	1.018	
1/14/2017 6:30:00 PM	246600.000	121.482	20.378
273.650	36904.652	40478.449	26.157
27.525	27.097	1.018	
1/14/2017 6:45:00 PM	247500.000	121.503	20.379
273.698	36943.734	40519.980	26.187
27.554	27.068	1.018	
1/14/2017 7:00:00 PM	248400.000	121.469	20.377
273.620	36878.074	40449.664	26.137
27.506	27.116	1.018	
1/14/2017 7:15:00 PM	249300.000	121.480	20.376
273.645	36934.957	40513.020	26.182
27.549	27.075	1.018	
1/14/2017 7:30:00 PM	250200.000	121.458	20.378
273.596	36888.570	40460.508	26.145
27.513	27.109	1.018	
1/14/2017 7:45:00 PM	251100.000	121.450	20.379
273.579	36917.074	40491.039	26.166
27.534	27.088	1.018	
1/14/2017 8:00:00 PM	252000.000	121.484	20.376
273.654	36891.898	40465.789	26.148
27.517	27.106	1.018	
1/14/2017 8:15:00 PM	252900.000	121.476	20.375
273.637	36914.723	40491.422	26.167
27.534	27.089	1.018	
1/14/2017 8:30:00 PM	253800.000	121.486	20.371
273.659	36902.109	40481.520	26.159
27.527	27.099	1.018	
1/14/2017 8:45:00 PM	254700.000	121.508	20.373
273.709	36906.281	40484.090	26.161
27.529	27.096	1.018	
1/14/2017 9:00:00 PM	255600.000	121.499	20.373
273.688	36893.523	40470.320	26.151
27.520	27.105	1.018	
1/14/2017 9:15:00 PM	256500.000	121.525	20.371
273.747	36921.262	40502.230	26.174
27.542	27.085	1.018	
1/14/2017 9:30:00 PM	257400.000	121.522	20.377

273.739	36892.621	40465.922	26.148
27.517	27.106	1.018	
1/14/2017 9:45:00 PM	258300.000	121.542	20.372
273.784	36943.523	40526.055	26.191
27.558	27.068	1.018	
1/14/2017 10:00:00 PM	259200.000	121.596	20.374
273.907	36909.039	40486.152	26.163
27.531	27.094	1.018	
1/14/2017 10:15:00 PM	260100.000	121.593	20.373
273.899	36988.773	40574.805	26.226
27.591	27.035	1.018	
1/14/2017 10:30:00 PM	261000.000	121.640	20.370
274.007	36914.168	40495.195	26.169
27.537	27.090	1.018	
1/14/2017 10:45:00 PM	261900.000	121.676	20.369
274.087	36940.957	40525.918	26.191
27.558	27.070	1.018	
1/14/2017 11:00:00 PM	262800.000	121.693	20.368
274.124	36936.039	40520.680	26.187
27.554	27.074	1.018	
1/14/2017 11:15:00 PM	263700.000	121.694	20.372
274.128	36983.883	40570.258	26.223
27.588	27.039	1.018	
1/14/2017 11:30:00 PM	264600.000	121.724	20.374
274.194	36958.449	40540.352	26.202
27.567	27.057	1.018	
1/14/2017 11:45:00 PM	265500.000	121.732	20.372
274.214	36962.316	40546.305	26.206
27.571	27.055	1.018	
1/15/2017 12:00:00 AM	266400.000	121.765	20.375
274.288	36945.906	40525.703	26.191
27.557	27.067	1.018	
1/15/2017 12:15:00 AM	267300.000	121.774	20.377
274.308	37005.367	40589.805	26.237
27.601	27.023	1.018	
1/15/2017 12:30:00 AM	268200.000	121.806	20.375
274.379	36984.469	40567.848	26.221
27.586	27.038	1.018	
1/15/2017 12:45:00 AM	269100.000	121.816	20.376
274.402	37002.602	40586.926	26.235
27.599	27.025	1.018	
1/15/2017 1:00:00 AM	270000.000	121.855	20.379
274.489	37040.234	40626.340	26.263
27.626	26.998	1.018	
1/15/2017 1:15:00 AM	270900.000	121.855	20.379
274.490	37008.012	40591.000	26.238
27.602	27.021	1.018	
1/15/2017 1:30:00 AM	271800.000	121.887	20.378
274.563	37015.945	40600.219	26.245
27.608	27.015	1.018	
1/15/2017 1:45:00 AM	272700.000	121.882	20.378
274.551	37049.359	40636.570	26.271
27.633	26.991	1.018	
1/15/2017 2:00:00 AM	273600.000	121.897	20.380
274.586	37022.496	40605.543	26.249
27.612	27.011	1.018	
1/15/2017 2:15:00 AM	274500.000	121.875	20.379

274.536	37031.641	40616.695	26.257
27.619	27.004	1.018	
1/15/2017 2:30:00 AM	275400.000	121.873	20.378
274.530	36988.645	40570.492	26.223
27.588	27.035	1.018	
1/15/2017 2:45:00 AM	276300.000	121.882	20.379
274.550	37056.957	40643.855	26.276
27.638	26.985	1.018	
1/15/2017 3:00:00 AM	277200.000	121.892	20.382
274.573	37031.723	40614.094	26.255
27.618	27.004	1.018	
1/15/2017 3:15:00 AM	278100.000	121.878	20.378
274.542	37021.738	40606.570	26.249
27.612	27.011	1.018	
1/15/2017 3:30:00 AM	279000.000	121.883	20.379
274.553	37042.852	40628.457	26.265
27.627	26.996	1.018	
1/15/2017 3:45:00 AM	279900.000	121.875	20.381
274.536	37054.012	40639.063	26.273
27.635	26.988	1.018	
1/15/2017 4:00:00 AM	280800.000	121.859	20.381
274.500	36952.508	40528.262	26.193
27.559	27.062	1.018	
1/15/2017 4:15:00 AM	281700.000	121.823	20.383
274.418	37003.070	40582.152	26.232
27.596	27.025	1.018	
1/15/2017 4:30:00 AM	282600.000	121.835	20.380
274.445	37036.145	40620.730	26.260
27.622	27.001	1.018	
1/15/2017 4:45:00 AM	283500.000	121.831	20.379
274.436	37029.945	40614.750	26.255
27.618	27.005	1.018	
1/15/2017 5:00:00 AM	284400.000	121.805	20.379
274.377	37033.008	40617.590	26.257
27.620	27.003	1.018	
1/15/2017 5:15:00 AM	285300.000	121.792	20.375
274.348	37027.102	40614.840	26.255
27.618	27.007	1.018	
1/15/2017 5:30:00 AM	286200.000	121.770	20.378
274.298	37038.332	40624.699	26.262
27.625	26.999	1.018	
1/15/2017 5:45:00 AM	287100.000	121.788	20.378
274.340	37027.820	40613.242	26.254
27.617	27.007	1.018	
1/15/2017 6:00:00 AM	288000.000	121.787	20.378
274.337	37033.828	40619.914	26.259
27.622	27.002	1.018	
1/15/2017 6:15:00 AM	288900.000	121.755	20.379
274.265	37068.250	40656.918	26.285
27.647	26.977	1.018	
1/15/2017 6:30:00 AM	289800.000	121.780	20.374
274.322	37047.727	40638.051	26.272
27.634	26.992	1.018	
1/15/2017 6:45:00 AM	290700.000	121.758	20.376
274.273	37035.449	40623.102	26.261
27.624	27.001	1.018	
1/15/2017 7:00:00 AM	291600.000	121.740	20.375

274.232	37029.824	40618.121	26.257
27.620	27.005	1.018	
1/15/2017 7:15:00 AM	292500.000	121.744	20.376
274.240	37034.996	40622.750	26.261
27.623	27.001	1.018	
1/15/2017 7:30:00 AM	293400.000	121.762	20.376
274.280	37039.023	40626.875	26.264
27.626	26.999	1.018	
1/15/2017 7:45:00 AM	294300.000	121.742	20.371
274.235	37047.703	40640.715	26.274
27.636	26.992	1.018	
1/15/2017 8:00:00 AM	295200.000	121.780	20.371
274.322	37016.281	40606.695	26.249
27.613	27.015	1.018	
1/15/2017 8:15:00 AM	296100.000	121.757	20.372
274.271	37046.109	40638.070	26.272
27.634	26.993	1.018	
1/15/2017 8:30:00 AM	297000.000	121.785	20.371
274.332	37036.426	40628.418	26.265
27.627	27.000	1.018	
1/15/2017 8:45:00 AM	297900.000	121.785	20.372
274.332	37027.453	40618.273	26.257
27.620	27.007	1.018	
1/15/2017 9:00:00 AM	298800.000	121.820	20.375
274.411	37064.773	40656.387	26.285
27.646	26.980	1.018	
1/15/2017 9:15:00 AM	299700.000	121.844	20.374
274.466	37033.277	40622.125	26.260
27.623	27.003	1.018	
1/15/2017 9:30:00 AM	300600.000	121.851	20.373
274.482	37043.000	40634.063	26.269
27.631	26.996	1.018	
1/15/2017 9:45:00 AM	301500.000	121.880	20.372
274.546	37074.781	40669.453	26.294
27.655	26.973	1.018	
1/15/2017 10:00:00 AM	302400.000	121.888	20.372
274.565	37065.797	40659.965	26.287
27.649	26.979	1.018	
1/15/2017 10:15:00 AM	303300.000	121.886	20.375
274.561	37044.773	40634.152	26.269
27.631	26.994	1.018	
1/15/2017 10:30:00 AM	304200.000	121.929	20.374
274.657	37069.195	40661.602	26.289
27.650	26.977	1.018	
1/15/2017 10:45:00 AM	305100.000	121.947	20.375
274.698	37100.855	40695.738	26.313
27.673	26.954	1.018	
1/15/2017 11:00:00 AM	306000.000	121.956	20.378
274.717	37091.313	40683.184	26.304
27.665	26.960	1.018	
1/15/2017 11:15:00 AM	306900.000	121.957	20.377
274.721	37100.176	40693.352	26.311
27.671	26.954	1.018	
1/15/2017 11:30:00 AM	307800.000	122.008	20.377
274.836	37098.605	40691.480	26.310
27.670	26.955	1.018	
1/15/2017 11:45:00 AM	308700.000	121.982	20.379

274.777	37091.164	40681.754	26.303
27.664	26.961	1.018	
1/15/2017 12:00:00 PM	309600.000	122.025	20.377
274.874	37100.414	40693.242	26.311
27.671	26.954	1.018	
1/15/2017 12:15:00 PM	310500.000	122.005	20.379
274.828	37113.004	40705.707	26.320
27.680	26.945	1.018	
1/15/2017 12:30:00 PM	311400.000	122.050	20.379
274.929	37135.859	40731.152	26.339
27.697	26.928	1.018	
1/15/2017 12:45:00 PM	312300.000	122.056	20.379
274.943	37117.340	40710.840	26.324
27.683	26.942	1.018	
1/15/2017 1:00:00 PM	313200.000	122.034	20.380
274.893	37103.750	40694.438	26.312
27.672	26.951	1.018	
1/15/2017 1:15:00 PM	314100.000	122.060	20.381
274.952	37142.844	40737.016	26.343
27.701	26.923	1.018	
1/15/2017 1:30:00 PM	315000.000	122.051	20.379
274.931	37094.980	40685.711	26.306
27.666	26.958	1.018	
1/15/2017 1:45:00 PM	315900.000	122.020	20.382
274.863	37125.328	40716.992	26.329
27.688	26.936	1.018	
1/15/2017 2:00:00 PM	316800.000	122.004	20.380
274.825	37149.902	40745.727	26.349
27.707	26.918	1.018	
1/15/2017 2:15:00 PM	317700.000	122.001	20.380
274.819	37111.902	40703.602	26.319
27.678	26.946	1.018	
1/15/2017 2:30:00 PM	318600.000	122.009	20.380
274.838	37159.617	40756.008	26.357
27.714	26.911	1.018	
1/15/2017 2:45:00 PM	319500.000	121.988	20.378
274.789	37133.879	40729.500	26.337
27.696	26.930	1.018	
1/15/2017 3:00:00 PM	320400.000	121.966	20.381
274.741	37118.199	40709.910	26.323
27.683	26.941	1.018	
1/15/2017 3:15:00 PM	321300.000	121.913	20.380
274.622	37124.664	40717.973	26.329
27.688	26.936	1.018	
1/15/2017 3:30:00 PM	322200.000	121.904	20.377
274.601	37128.766	40724.941	26.334
27.693	26.933	1.018	
1/15/2017 3:45:00 PM	323100.000	121.897	20.375
274.586	37113.234	40709.246	26.323
27.682	26.945	1.018	
1/15/2017 4:00:00 PM	324000.000	121.851	20.379
274.481	37162.871	40760.172	26.360
27.717	26.909	1.018	
1/15/2017 4:15:00 PM	324900.000	121.842	20.376
274.461	37092.918	40685.988	26.306
27.666	26.959	1.018	
1/15/2017 4:30:00 PM	325800.000	121.810	20.375

274.390	37097.527	40691.789	26.310
27.670	26.956	1.018	
1/15/2017 4:45:00 PM	326700.000	121.796	20.377
274.357	37150.039	40747.824	26.351
27.709	26.918	1.018	
1/15/2017 5:00:00 PM	327600.000	121.735	20.378
274.219	37117.070	40711.285	26.324
27.684	26.942	1.018	
1/15/2017 5:15:00 PM	328500.000	121.727	20.378
274.202	37116.871	40710.469	26.324
27.683	26.942	1.018	
1/15/2017 5:30:00 PM	329400.000	121.681	20.377
274.098	37105.375	40699.285	26.316
27.676	26.950	1.018	
1/15/2017 5:45:00 PM	330300.000	121.681	20.375
274.098	37090.492	40684.598	26.305
27.666	26.961	1.018	
1/15/2017 6:00:00 PM	331200.000	121.652	20.376
274.034	37077.664	40669.551	26.294
27.655	26.970	1.018	
1/15/2017 6:15:00 PM	332100.000	121.611	20.377
273.941	37060.602	40650.176	26.281
27.642	26.983	1.018	
1/15/2017 6:30:00 PM	333000.000	121.605	20.377
273.927	37091.117	40683.488	26.304
27.665	26.961	1.018	
1/15/2017 6:45:00 PM	333900.000	121.556	20.376
273.818	37110.020	40705.270	26.320
27.680	26.947	1.018	
1/15/2017 7:00:00 PM	334800.000	121.569	20.379
273.846	37082.754	40672.906	26.297
27.658	26.967	1.018	
1/15/2017 7:15:00 PM	335700.000	121.518	20.375
273.731	37065.633	40656.953	26.285
27.647	26.979	1.018	
1/15/2017 7:30:00 PM	336600.000	121.541	20.370
273.783	37065.574	40661.516	26.288
27.650	26.979	1.018	
1/15/2017 7:45:00 PM	337500.000	121.523	20.376
273.743	37087.820	40680.547	26.302
27.663	26.963	1.018	
1/15/2017 8:00:00 PM	338400.000	121.498	20.373
273.685	37082.273	40677.145	26.300
27.660	26.967	1.018	
1/15/2017 8:15:00 PM	339300.000	121.492	20.370
273.673	37066.793	40662.484	26.289
27.650	26.978	1.018	
1/15/2017 8:30:00 PM	340200.000	121.522	20.370
273.740	37073.020	40669.527	26.294
27.655	26.974	1.018	
1/15/2017 8:45:00 PM	341100.000	121.508	20.374
273.709	37133.031	40732.078	26.339
27.698	26.930	1.018	
1/15/2017 9:00:00 PM	342000.000	121.502	20.371
273.695	37069.953	40665.051	26.291
27.652	26.976	1.018	
1/15/2017 9:15:00 PM	342900.000	121.517	20.370

273.728	37047.297	40641.688	26.274
27.636	26.993	1.018	
1/15/2017 9:30:00 PM	343800.000	121.522	20.371
273.739	37054.414	40648.453	26.279
27.641	26.987	1.018	
1/15/2017 9:45:00 PM	344700.000	121.530	20.374
273.758	37071.992	40665.125	26.291
27.652	26.975	1.018	
1/15/2017 10:00:00 PM	345600.000	121.552	20.368
273.808	37080.652	40679.254	26.301
27.662	26.968	1.018	
1/15/2017 10:15:00 PM	346500.000	121.559	20.371
273.823	37100.473	40698.676	26.315
27.675	26.954	1.018	
1/15/2017 10:30:00 PM	347400.000	121.568	20.368
273.843	37077.926	40676.781	26.299
27.660	26.970	1.018	
1/15/2017 10:45:00 PM	348300.000	121.618	20.372
273.956	37079.953	40675.863	26.299
27.660	26.969	1.018	
1/15/2017 11:00:00 PM	349200.000	121.623	20.367
273.967	37075.047	40673.988	26.297
27.658	26.972	1.018	
1/15/2017 11:15:00 PM	350100.000	121.641	20.368
274.008	37098.852	40699.660	26.316
27.676	26.955	1.018	
1/15/2017 11:30:00 PM	351000.000	121.688	20.369
274.115	37067.465	40663.961	26.290
27.651	26.978	1.018	
1/15/2017 11:45:00 PM	351900.000	121.719	20.371
274.184	37104.453	40703.043	26.318
27.678	26.951	1.018	
1/16/2017 12:00:00 AM	352800.000	121.748	20.367
274.249	37099.594	40701.219	26.317
27.677	26.954	1.018	
1/16/2017 12:15:00 AM	353700.000	121.746	20.367
274.244	37075.789	40675.324	26.298
27.659	26.972	1.018	
1/16/2017 12:30:00 AM	354600.000	121.762	20.370
274.281	37126.914	40729.027	26.337
27.696	26.935	1.018	
1/16/2017 12:45:00 AM	355500.000	121.808	20.368
274.385	37099.934	40700.551	26.316
27.676	26.954	1.018	
1/16/2017 1:00:00 AM	356400.000	121.801	20.372
274.369	37131.719	40731.980	26.339
27.698	26.931	1.018	
1/16/2017 1:15:00 AM	357300.000	121.819	20.371
274.409	37111.285	40710.762	26.324
27.683	26.946	1.018	
1/16/2017 1:30:00 AM	358200.000	121.857	20.370
274.494	37123.984	40725.223	26.334
27.693	26.937	1.018	
1/16/2017 1:45:00 AM	359100.000	121.874	20.373
274.533	37135.523	40735.555	26.342
27.700	26.928	1.018	
1/16/2017 2:00:00 AM	360000.000	121.869	20.372

274.522	37150.672	40752.844	26.354
27.712	26.917	1.018	
1/16/2017 2:15:00 AM	360900.000	121.879	20.374
274.545	37157.824	40758.977	26.358
27.716	26.912	1.018	
1/16/2017 2:30:00 AM	361800.000	121.905	20.374
274.603	37116.957	40713.992	26.326
27.686	26.942	1.018	
1/16/2017 2:45:00 AM	362700.000	121.920	20.376
274.637	37139.238	40737.320	26.343
27.701	26.926	1.018	
1/16/2017 3:00:00 AM	363600.000	121.907	20.374
274.608	37155.230	40755.898	26.356
27.714	26.914	1.018	
1/16/2017 3:15:00 AM	364500.000	121.885	20.377
274.557	37154.691	40753.375	26.355
27.712	26.915	1.018	
1/16/2017 3:30:00 AM	365400.000	121.911	20.376
274.617	37159.203	40758.609	26.358
27.716	26.911	1.018	
1/16/2017 3:45:00 AM	366300.000	121.912	20.377
274.620	37181.180	40782.430	26.375
27.732	26.895	1.018	
1/16/2017 4:00:00 AM	367200.000	121.907	20.377
274.608	37157.254	40755.660	26.356
27.714	26.913	1.018	
1/16/2017 4:15:00 AM	368100.000	121.885	20.377
274.557	37150.754	40748.750	26.351
27.709	26.917	1.018	
1/16/2017 4:30:00 AM	369000.000	121.897	20.376
274.586	37151.141	40750.074	26.352
27.710	26.917	1.018	
1/16/2017 4:45:00 AM	369900.000	121.892	20.379
274.573	37165.973	40764.031	26.362
27.720	26.906	1.018	
1/16/2017 5:00:00 AM	370800.000	121.876	20.378
274.537	37163.289	40761.680	26.361
27.718	26.908	1.018	
1/16/2017 5:15:00 AM	371700.000	121.862	20.380
274.507	37171.816	40769.621	26.366
27.723	26.902	1.018	
1/16/2017 5:30:00 AM	372600.000	121.830	20.374
274.434	37137.520	40736.703	26.343
27.701	26.927	1.018	
1/16/2017 5:45:00 AM	373500.000	121.821	20.376
274.414	37192.766	40795.582	26.385
27.741	26.887	1.018	
1/16/2017 6:00:00 AM	374400.000	121.817	20.376
274.404	37147.055	40745.441	26.349
27.707	26.920	1.018	
1/16/2017 6:15:00 AM	375300.000	121.805	20.378
274.377	37175.844	40775.680	26.371
27.727	26.899	1.018	
1/16/2017 6:30:00 AM	376200.000	121.783	20.376
274.328	37156.770	40755.941	26.356
27.714	26.913	1.018	
1/16/2017 6:45:00 AM	377100.000	121.797	20.375

274.359	37160.879	40761.508	26.360
27.718	26.910	1.018	
1/16/2017 7:00:00 AM	378000.000	121.764	20.375
274.286	37169.352	40771.172	26.367
27.724	26.904	1.018	
1/16/2017 7:15:00 AM	378900.000	121.783	20.374
274.328	37159.203	40760.703	26.360
27.717	26.911	1.018	
1/16/2017 7:30:00 AM	379800.000	121.771	20.371
274.301	37126.602	40727.336	26.336
27.695	26.935	1.018	
1/16/2017 7:45:00 AM	380700.000	121.776	20.375
274.312	37162.934	40763.680	26.362
27.719	26.909	1.018	
1/16/2017 8:00:00 AM	381600.000	121.772	20.375
274.302	37158.488	40758.656	26.358
27.716	26.912	1.018	
1/16/2017 8:15:00 AM	382500.000	121.746	20.374
274.244	37142.160	40741.938	26.346
27.705	26.924	1.018	
1/16/2017 8:30:00 AM	383400.000	121.774	20.370
274.307	37150.332	40754.645	26.355
27.713	26.918	1.018	
1/16/2017 8:45:00 AM	384300.000	121.782	20.369
274.325	37172.375	40779.715	26.373
27.730	26.902	1.018	
1/16/2017 9:00:00 AM	385200.000	121.751	20.373
274.257	37166.375	40769.254	26.366
27.723	26.906	1.018	
1/16/2017 9:15:00 AM	386100.000	121.793	20.372
274.350	37151.383	40754.223	26.355
27.713	26.917	1.018	
1/16/2017 9:30:00 AM	387000.000	121.801	20.371
274.368	37170.824	40776.227	26.371
27.728	26.903	1.018	
1/16/2017 9:45:00 AM	387900.000	121.780	20.367
274.321	37150.492	40756.906	26.357
27.715	26.918	1.018	
1/16/2017 10:00:00 AM	388800.000	121.783	20.368
274.328	37177.469	40785.680	26.377
27.734	26.898	1.018	
1/16/2017 10:15:00 AM	389700.000	121.812	20.372
274.394	37161.051	40764.008	26.362
27.720	26.910	1.018	
1/16/2017 10:30:00 AM	390600.000	121.841	20.368
274.460	37159.023	40765.672	26.363
27.721	26.911	1.018	
1/16/2017 10:45:00 AM	391500.000	121.861	20.369
274.505	37176.055	40783.535	26.376
27.733	26.899	1.018	
1/16/2017 11:00:00 AM	392400.000	121.870	20.368
274.525	37143.012	40748.402	26.351
27.709	26.923	1.018	
1/16/2017 11:15:00 AM	393300.000	121.868	20.370
274.520	37181.926	40788.855	26.380
27.736	26.895	1.018	
1/16/2017 11:30:00 AM	394200.000	121.891	20.369

274.571	37193.016	40801.914	26.389
27.745	26.887	1.018	
1/16/2017 11:45:00 AM	395100.000	121.896	20.372
274.582	37191.875	40798.570	26.387
27.743	26.888	1.018	
1/16/2017 12:00:00 PM	396000.000	121.935	20.373
274.670	37176.453	40780.832	26.374
27.731	26.899	1.018	
1/16/2017 12:15:00 PM	396900.000	121.952	20.377
274.708	37178.219	40779.109	26.373
27.730	26.897	1.018	
1/16/2017 12:30:00 PM	397800.000	121.937	20.374
274.676	37199.828	40805.125	26.392
27.747	26.882	1.018	
1/16/2017 12:45:00 PM	398700.000	121.977	20.374
274.766	37170.313	40772.891	26.368
27.726	26.903	1.018	
1/16/2017 1:00:00 PM	399600.000	121.988	20.375
274.789	37177.570	40780.035	26.374
27.730	26.898	1.018	
1/16/2017 1:15:00 PM	400500.000	121.973	20.375
274.757	37201.805	40806.316	26.392
27.748	26.880	1.018	
1/16/2017 1:30:00 PM	401400.000	121.996	20.375
274.807	37220.816	40827.324	26.408
27.763	26.867	1.018	
1/16/2017 1:45:00 PM	402300.000	121.972	20.374
274.753	37224.891	40832.473	26.411
27.766	26.864	1.018	
1/16/2017 2:00:00 PM	403200.000	122.004	20.375
274.825	37203.215	40807.945	26.394
27.749	26.879	1.018	
1/16/2017 2:15:00 PM	404100.000	122.005	20.377
274.829	37247.844	40855.102	26.428
27.781	26.847	1.018	
1/16/2017 2:30:00 PM	405000.000	121.960	20.379
274.727	37207.367	40809.348	26.395
27.750	26.876	1.018	
1/16/2017 2:45:00 PM	405900.000	121.973	20.376
274.755	37180.332	40782.094	26.375
27.732	26.896	1.018	
1/16/2017 3:00:00 PM	406800.000	121.980	20.377
274.773	37225.113	40830.691	26.410
27.765	26.864	1.018	
1/16/2017 3:15:00 PM	407700.000	121.946	20.377
274.696	37236.125	40842.168	26.418
27.773	26.856	1.018	
1/16/2017 3:30:00 PM	408600.000	121.952	20.377
274.710	37191.098	40792.930	26.383
27.739	26.888	1.018	
1/16/2017 3:45:00 PM	409500.000	121.922	20.380
274.642	37212.176	40813.508	26.398
27.753	26.873	1.018	
1/16/2017 4:00:00 PM	410400.000	121.919	20.379
274.634	37221.488	40824.543	26.406
27.761	26.866	1.018	
1/16/2017 4:15:00 PM	411300.000	121.902	20.375

274.596	37202.742	40807.426	26.393
27.749	26.880	1.018	
1/16/2017 4:30:00 PM	412200.000	121.858	20.375
274.496	37191.438	40795.324	26.385
27.741	26.888	1.018	
1/16/2017 4:45:00 PM	413100.000	121.831	20.377
274.436	37194.105	40796.535	26.386
27.742	26.886	1.018	
1/16/2017 5:00:00 PM	414000.000	121.842	20.375
274.461	37198.250	40802.648	26.390
27.746	26.883	1.018	
1/16/2017 5:15:00 PM	414900.000	121.785	20.375
274.333	37204.656	40809.824	26.395
27.751	26.878	1.018	
1/16/2017 5:30:00 PM	415800.000	121.759	20.377
274.273	37206.684	40810.477	26.396
27.751	26.877	1.018	
1/16/2017 5:45:00 PM	416700.000	121.763	20.375
274.284	37202.688	40807.137	26.393
27.749	26.880	1.018	
1/16/2017 6:00:00 PM	417600.000	121.739	20.376
274.228	37187.953	40790.453	26.381
27.738	26.890	1.018	
1/16/2017 6:15:00 PM	418500.000	121.733	20.376
274.215	37181.820	40783.504	26.376
27.733	26.895	1.018	
1/16/2017 6:30:00 PM	419400.000	121.711	20.372
274.166	37205.801	40813.625	26.398
27.753	26.878	1.018	
1/16/2017 6:45:00 PM	420300.000	121.670	20.375
274.073	37170.078	40771.895	26.368
27.725	26.903	1.018	
1/16/2017 7:00:00 PM	421200.000	121.657	20.373
274.044	37195.734	40801.461	26.389
27.745	26.885	1.018	
1/16/2017 7:15:00 PM	422100.000	121.639	20.375
274.003	37200.508	40805.273	26.392
27.748	26.881	1.018	
1/16/2017 7:30:00 PM	423000.000	121.601	20.373
273.918	37172.414	40775.949	26.371
27.728	26.902	1.018	
1/16/2017 7:45:00 PM	423900.000	121.589	20.375
273.891	37187.691	40790.762	26.381
27.738	26.891	1.018	
1/16/2017 8:00:00 PM	424800.000	121.593	20.376
273.900	37171.332	40772.070	26.368
27.725	26.902	1.018	
1/16/2017 8:15:00 PM	425700.000	121.593	20.374
273.900	37206.102	40812.148	26.397
27.752	26.877	1.018	
1/16/2017 8:30:00 PM	426600.000	121.562	20.370
273.830	37176.570	40783.125	26.376
27.733	26.899	1.018	
1/16/2017 8:45:00 PM	427500.000	121.552	20.373
273.808	37176.645	40780.590	26.374
27.731	26.899	1.018	
1/16/2017 9:00:00 PM	428400.000	121.537	20.370

273.774	37168.195	40773.863	26.369
27.726	26.905	1.018	
1/16/2017 9:15:00 PM	429300.000	121.548	20.370
273.798	37159.789	40764.344	26.362
27.720	26.911	1.018	
1/16/2017 9:30:00 PM	430200.000	121.551	20.367
273.805	37199.102	40810.234	26.395
27.751	26.882	1.018	
1/16/2017 9:45:00 PM	431100.000	121.580	20.370
273.871	37196.555	40805.117	26.391
27.747	26.884	1.018	
1/16/2017 10:00:00 PM	432000.000	121.585	20.368
273.882	37173.633	40781.996	26.375
27.732	26.901	1.018	
1/16/2017 10:15:00 PM	432900.000	121.584	20.365
273.881	37187.605	40799.574	26.387
27.744	26.891	1.018	
1/16/2017 10:30:00 PM	433800.000	121.623	20.369
273.967	37187.309	40795.574	26.385
27.741	26.891	1.018	
1/16/2017 10:45:00 PM	434700.000	121.604	20.369
273.924	37150.188	40755.004	26.355
27.713	26.918	1.018	
1/16/2017 11:00:00 PM	435600.000	121.624	20.366
273.970	37173.555	40783.180	26.376
27.733	26.901	1.018	
1/16/2017 11:15:00 PM	436500.000	121.653	20.365
274.036	37187.715	40799.465	26.387
27.744	26.891	1.018	
1/16/2017 11:30:00 PM	437400.000	121.654	20.364
274.038	37200.172	40813.809	26.397
27.753	26.882	1.018	
1/16/2017 11:45:00 PM	438300.000	121.678	20.367
274.092	37164.852	40772.738	26.368
27.725	26.907	1.018	
1/17/2017 12:00:00 AM	439200.000	121.700	20.363
274.141	37188.199	40801.496	26.389
27.745	26.890	1.018	
1/17/2017 12:15:00 AM	440100.000	121.731	20.362
274.211	37217.176	40834.711	26.412
27.768	26.869	1.018	
1/17/2017 12:30:00 AM	441000.000	121.751	20.367
274.255	37198.137	40809.176	26.394
27.750	26.883	1.018	
1/17/2017 12:45:00 AM	441900.000	121.773	20.363
274.306	37204.527	40820.156	26.402
27.758	26.878	1.018	
1/17/2017 1:00:00 AM	442800.000	121.793	20.364
274.351	37193.469	40806.605	26.392
27.748	26.886	1.018	
1/17/2017 1:15:00 AM	443700.000	121.821	20.366
274.413	37189.961	40801.258	26.389
27.745	26.889	1.018	
1/17/2017 1:30:00 AM	444600.000	121.849	20.365
274.477	37202.625	40816.273	26.399
27.755	26.880	1.018	
1/17/2017 1:45:00 AM	445500.000	121.843	20.367

274.464	37211.273	40823.738	26.405
27.760	26.874	1.018	
1/17/2017 2:00:00 AM	446400.000	121.897	20.367
274.586	37210.148	40822.125	26.404
27.759	26.874	1.018	
1/17/2017 2:15:00 AM	447300.000	121.884	20.369
274.555	37235.008	40848.281	26.422
27.777	26.856	1.018	
1/17/2017 2:30:00 AM	448200.000	121.894	20.370
274.578	37226.488	40837.590	26.415
27.770	26.863	1.018	
1/17/2017 2:45:00 AM	449100.000	121.899	20.370
274.590	37259.832	40874.770	26.441
27.795	26.839	1.018	
1/17/2017 3:00:00 AM	450000.000	121.944	20.372
274.690	37218.781	40827.414	26.408
27.763	26.868	1.018	
1/17/2017 3:15:00 AM	450900.000	121.935	20.374
274.669	37221.859	40829.289	26.409
27.764	26.866	1.018	
1/17/2017 3:30:00 AM	451800.000	121.956	20.373
274.717	37234.164	40844.059	26.419
27.774	26.857	1.018	
1/17/2017 3:45:00 AM	452700.000	121.936	20.372
274.672	37260.797	40873.504	26.441
27.794	26.838	1.018	
1/17/2017 4:00:00 AM	453600.000	121.965	20.376
274.738	37240.793	40848.484	26.423
27.777	26.852	1.018	
1/17/2017 4:15:00 AM	454500.000	121.919	20.374
274.635	37250.453	40860.426	26.431
27.785	26.845	1.018	
1/17/2017 4:30:00 AM	455400.000	121.957	20.374
274.721	37243.180	40852.977	26.426
27.780	26.851	1.018	
1/17/2017 4:45:00 AM	456300.000	121.933	20.375
274.665	37278.434	40890.750	26.453
27.806	26.825	1.018	
1/17/2017 5:00:00 AM	457200.000	121.923	20.375
274.643	37252.965	40862.586	26.433
27.787	26.844	1.018	
1/17/2017 5:15:00 AM	458100.000	121.952	20.375
274.710	37222.457	40829.199	26.409
27.764	26.866	1.018	
1/17/2017 5:30:00 AM	459000.000	121.933	20.376
274.666	37288.352	40900.426	26.460
27.812	26.818	1.018	
1/17/2017 5:45:00 AM	459900.000	121.907	20.376
274.608	37260.441	40870.414	26.438
27.792	26.838	1.018	
1/17/2017 6:00:00 AM	460800.000	121.909	20.376
274.612	37257.383	40866.828	26.436
27.789	26.840	1.018	
1/17/2017 6:15:00 AM	461700.000	121.896	20.375
274.582	37231.355	40838.656	26.416
27.770	26.859	1.018	
1/17/2017 6:30:00 AM	462600.000	121.868	20.375

274.520	37263.898	40875.023	26.442
27.795	26.836	1.018	
1/17/2017 6:45:00 AM	463500.000	121.859	20.371
274.499	37240.977	40852.590	26.426
27.780	26.852	1.018	
1/17/2017 7:00:00 AM	464400.000	121.861	20.374
274.505	37252.504	40862.762	26.433
27.787	26.844	1.018	
1/17/2017 7:15:00 AM	465300.000	121.846	20.374
274.470	37237.344	40846.652	26.421
27.776	26.855	1.018	
1/17/2017 7:30:00 AM	466200.000	121.819	20.370
274.409	37218.738	40829.242	26.409
27.764	26.868	1.018	
1/17/2017 7:45:00 AM	467100.000	121.814	20.372
274.399	37276.059	40890.391	26.453
27.805	26.827	1.018	
1/17/2017 8:00:00 AM	468000.000	121.804	20.372
274.375	37262.867	40876.516	26.443
27.796	26.836	1.018	
1/17/2017 8:15:00 AM	468900.000	121.798	20.370
274.362	37231.945	40843.500	26.419
27.774	26.859	1.018	
1/17/2017 8:30:00 AM	469800.000	121.791	20.371
274.346	37247.656	40859.918	26.431
27.785	26.847	1.018	
1/17/2017 8:45:00 AM	470700.000	121.791	20.375
274.346	37267.559	40878.367	26.444
27.797	26.833	1.018	
1/17/2017 9:00:00 AM	471600.000	121.814	20.374
274.398	37256.586	40867.680	26.436
27.790	26.841	1.018	
1/17/2017 9:15:00 AM	472500.000	121.779	20.370
274.318	37255.043	40869.207	26.437
27.791	26.842	1.018	
1/17/2017 9:30:00 AM	473400.000	121.763	20.372
274.282	37238.371	40849.645	26.423
27.778	26.854	1.018	
1/17/2017 9:45:00 AM	474300.000	121.778	20.371
274.317	37216.434	40825.809	26.406
27.762	26.870	1.018	
1/17/2017 10:00:00 AM	475200.000	121.812	20.369
274.393	37231.363	40844.355	26.420
27.774	26.859	1.018	
1/17/2017 10:15:00 AM	476100.000	121.783	20.370
274.328	37249.125	40862.422	26.433
27.786	26.846	1.018	
1/17/2017 10:30:00 AM	477000.000	121.788	20.369
274.338	37246.488	40860.949	26.431
27.785	26.848	1.018	
1/17/2017 10:45:00 AM	477900.000	121.800	20.367
274.367	37239.418	40854.465	26.427
27.781	26.853	1.018	
1/17/2017 11:00:00 AM	478800.000	121.810	20.369
274.389	37211.695	40822.637	26.404
27.759	26.873	1.018	
1/17/2017 11:15:00 AM	479700.000	121.836	20.367

274.448	37227.523	40841.414	26.417
27.772	26.862	1.018	
1/17/2017 11:30:00 AM	480600.000	121.848	20.367
274.475	37241.723	40857.219	26.429
27.783	26.852	1.018	
1/17/2017 11:45:00 AM	481500.000	121.839	20.367
274.453	37252.406	40868.715	26.437
27.791	26.844	1.018	
1/17/2017 12:00:00 PM	482400.000	121.843	20.366
274.464	37219.102	40833.602	26.412
27.767	26.868	1.018	
1/17/2017 12:15:00 PM	483300.000	121.889	20.366
274.567	37224.008	40838.313	26.415
27.770	26.864	1.018	
1/17/2017 12:30:00 PM	484200.000	121.882	20.369
274.550	37241.035	40854.441	26.427
27.781	26.852	1.018	
1/17/2017 12:45:00 PM	485100.000	121.885	20.370
274.557	37237.219	40849.961	26.424
27.778	26.855	1.018	
1/17/2017 1:00:00 PM	486000.000	121.904	20.368
274.601	37244.691	40859.578	26.430
27.785	26.849	1.018	
1/17/2017 1:15:00 PM	486900.000	121.907	20.365
274.608	37272.418	40892.324	26.454
27.807	26.829	1.018	
1/17/2017 1:30:00 PM	487800.000	121.936	20.367
274.674	37263.141	40880.414	26.445
27.799	26.836	1.018	
1/17/2017 1:45:00 PM	488700.000	121.947	20.366
274.698	37234.910	40850.492	26.424
27.778	26.857	1.018	
1/17/2017 2:00:00 PM	489600.000	121.947	20.367
274.698	37246.813	40862.578	26.433
27.787	26.848	1.018	
1/17/2017 2:15:00 PM	490500.000	121.937	20.369
274.676	37263.684	40879.219	26.445
27.798	26.836	1.018	
1/17/2017 2:30:00 PM	491400.000	121.946	20.370
274.695	37238.043	40850.348	26.424
27.778	26.854	1.018	
1/17/2017 2:45:00 PM	492300.000	121.931	20.371
274.661	37256.129	40869.734	26.438
27.791	26.841	1.018	
1/17/2017 3:00:00 PM	493200.000	121.931	20.368
274.661	37263.148	40879.984	26.445
27.798	26.836	1.018	
1/17/2017 3:15:00 PM	494100.000	121.930	20.366
274.658	37238.430	40854.133	26.427
27.781	26.854	1.018	
1/17/2017 3:30:00 PM	495000.000	121.930	20.369
274.658	37251.309	40865.563	26.435
27.789	26.845	1.018	
1/17/2017 3:45:00 PM	495900.000	121.919	20.371
274.633	37268.191	40883.113	26.447
27.801	26.833	1.018	
1/17/2017 4:00:00 PM	496800.000	121.915	20.370

274.626	37275.574	40891.961	26.454
27.807	26.827	1.018	
1/17/2017 4:15:00 PM	497700.000	121.905	20.371
274.603	37269.871	40884.504	26.448
27.801	26.831	1.018	
1/17/2017 4:30:00 PM	498600.000	121.882	20.368
274.550	37268.125	40885.133	26.449
27.802	26.833	1.018	
1/17/2017 4:45:00 PM	499500.000	121.880	20.367
274.546	37284.301	40903.625	26.462
27.814	26.821	1.018	
1/17/2017 5:00:00 PM	500400.000	121.873	20.367
274.531	37282.461	40902.289	26.461
27.814	26.822	1.018	
1/17/2017 5:15:00 PM	501300.000	121.866	20.369
274.515	37261.031	40876.602	26.443
27.796	26.838	1.018	
1/17/2017 5:30:00 PM	502200.000	121.844	20.371
274.465	37248.441	40861.301	26.432
27.786	26.847	1.018	
1/17/2017 5:45:00 PM	503100.000	121.829	20.371
274.431	37279.262	40895.031	26.456
27.809	26.825	1.018	
1/17/2017 6:00:00 PM	504000.000	121.816	20.372
274.403	37270.813	40885.012	26.449
27.802	26.831	1.018	
1/17/2017 6:15:00 PM	504900.000	121.801	20.371
274.368	37277.039	40892.516	26.454
27.807	26.826	1.018	
1/17/2017 6:30:00 PM	505800.000	121.754	20.368
274.262	37252.133	40867.449	26.436
27.790	26.844	1.018	
1/17/2017 6:45:00 PM	506700.000	121.738	20.369
274.226	37237.637	40850.863	26.424
27.779	26.855	1.018	
1/17/2017 7:00:00 PM	507600.000	121.714	20.370
274.174	37269.773	40884.996	26.449
27.802	26.831	1.018	
1/17/2017 7:15:00 PM	508500.000	121.726	20.370
274.200	37267.094	40882.500	26.447
27.800	26.833	1.018	
1/17/2017 7:30:00 PM	509400.000	121.715	20.366
274.175	37242.789	40858.984	26.430
27.784	26.851	1.018	
1/17/2017 7:45:00 PM	510300.000	121.688	20.368
274.114	37238.547	40852.992	26.426
27.780	26.854	1.018	
1/17/2017 8:00:00 PM	511200.000	121.643	20.369
274.012	37231.496	40844.574	26.420
27.774	26.859	1.018	
1/17/2017 8:15:00 PM	512100.000	121.628	20.366
273.978	37239.664	40855.488	26.427
27.782	26.853	1.018	
1/17/2017 8:30:00 PM	513000.000	121.632	20.367
273.987	37256.863	40873.977	26.441
27.794	26.841	1.018	
1/17/2017 8:45:00 PM	513900.000	121.615	20.365

273.950	37252.164	40870.031	26.438
27.792	26.844	1.018	
1/17/2017 9:00:00 PM	514800.000	121.611	20.364
273.941	37242.520	40860.797	26.431
27.785	26.851	1.018	
1/17/2017 9:15:00 PM	515700.000	121.611	20.365
273.941	37236.840	40853.434	26.426
27.780	26.855	1.018	
1/17/2017 9:30:00 PM	516600.000	121.595	20.361
273.904	37240.121	40860.934	26.431
27.785	26.853	1.018	
1/17/2017 9:45:00 PM	517500.000	121.606	20.362
273.930	37248.766	40869.590	26.437
27.791	26.847	1.018	
1/17/2017 10:00:00 PM	518400.000	121.609	20.362
273.936	37236.262	40855.582	26.427
27.782	26.856	1.018	
1/17/2017 10:15:00 PM	519300.000	121.604	20.365
273.924	37237.555	40854.598	26.427
27.781	26.855	1.018	
1/17/2017 10:30:00 PM	520200.000	121.639	20.364
274.003	37235.410	40852.922	26.426
27.780	26.856	1.018	
1/17/2017 10:45:00 PM	521100.000	121.628	20.362
273.978	37247.871	40868.605	26.437
27.791	26.847	1.018	
1/17/2017 11:00:00 PM	522000.000	121.663	20.361
274.057	37250.211	40871.703	26.439
27.793	26.845	1.018	
1/17/2017 11:15:00 PM	522900.000	121.676	20.363
274.087	37250.027	40869.633	26.438
27.791	26.846	1.018	
1/17/2017 11:30:00 PM	523800.000	121.672	20.365
274.078	37245.445	40863.031	26.433
27.787	26.849	1.018	
1/17/2017 11:45:00 PM	524700.000	121.663	20.365
274.057	37228.098	40844.000	26.419
27.774	26.861	1.018	
1/18/2017 12:00:00 AM	525600.000	121.721	20.360
274.189	37267.316	40891.445	26.453
27.806	26.833	1.018	
1/18/2017 12:15:00 AM	526500.000	121.727	20.361
274.202	37227.938	40846.973	26.421
27.776	26.862	1.018	
1/18/2017 12:30:00 AM	527400.000	121.742	20.358
274.235	37250.297	40874.574	26.441
27.795	26.845	1.018	
1/18/2017 12:45:00 AM	528300.000	121.753	20.361
274.260	37265.234	40888.188	26.451
27.804	26.835	1.018	
1/18/2017 1:00:00 AM	529200.000	121.806	20.360
274.380	37236.891	40857.461	26.429
27.783	26.855	1.018	
1/18/2017 1:15:00 AM	530100.000	121.792	20.360
274.348	37244.875	40866.602	26.435
27.789	26.849	1.018	
1/18/2017 1:30:00 AM	531000.000	121.816	20.361

274.402	37277.867	40902.047	26.461
27.813	26.826	1.018	
1/18/2017 1:45:00 AM	531900.000	121.828	20.363
274.429	37234.289	40852.664	26.425
27.780	26.857	1.018	
1/18/2017 2:00:00 AM	532800.000	121.851	20.363
274.481	37274.078	40896.172	26.457
27.809	26.828	1.018	
1/18/2017 2:15:00 AM	533700.000	121.875	20.363
274.536	37273.781	40896.066	26.456
27.809	26.829	1.018	
1/18/2017 2:30:00 AM	534600.000	121.896	20.364
274.582	37282.211	40904.039	26.462
27.815	26.822	1.018	
1/18/2017 2:45:00 AM	535500.000	121.897	20.360
274.585	37280.402	40905.203	26.463
27.816	26.824	1.018	
1/18/2017 3:00:00 AM	536400.000	121.915	20.364
274.626	37281.332	40903.527	26.462
27.814	26.823	1.018	
1/18/2017 3:15:00 AM	537300.000	121.936	20.366
274.672	37300.992	40922.922	26.476
27.828	26.809	1.018	
1/18/2017 3:30:00 AM	538200.000	121.951	20.367
274.706	37257.551	40874.660	26.441
27.795	26.840	1.018	
1/18/2017 3:45:00 AM	539100.000	121.951	20.368
274.705	37281.258	40900.066	26.460
27.812	26.823	1.018	
1/18/2017 4:00:00 AM	540000.000	121.977	20.370
274.766	37293.465	40910.984	26.467
27.819	26.814	1.018	
1/18/2017 4:15:00 AM	540900.000	121.975	20.367
274.761	37302.258	40923.629	26.476
27.828	26.808	1.018	
1/18/2017 4:30:00 AM	541800.000	121.964	20.368
274.735	37289.961	40909.320	26.466
27.818	26.817	1.018	
1/18/2017 4:45:00 AM	542700.000	121.968	20.370
274.744	37293.496	40911.098	26.468
27.820	26.814	1.018	
1/18/2017 5:00:00 AM	543600.000	121.991	20.373
274.797	37305.223	40921.633	26.475
27.827	26.806	1.018	
1/18/2017 5:15:00 AM	544500.000	121.952	20.371
274.709	37323.945	40944.348	26.491
27.842	26.792	1.018	
1/18/2017 5:30:00 AM	545400.000	121.984	20.374
274.782	37269.129	40880.910	26.446
27.799	26.832	1.018	
1/18/2017 5:45:00 AM	546300.000	121.974	20.372
274.758	37310.707	40928.254	26.480
27.831	26.802	1.018	
1/18/2017 6:00:00 AM	547200.000	121.945	20.372
274.693	37286.477	40902.195	26.461
27.813	26.819	1.018	
1/18/2017 6:15:00 AM	548100.000	121.952	20.371

274.708	37318.996	40938.320	26.487
27.838	26.796	1.018	
1/18/2017 6:30:00 AM	549000.000	121.923	20.370
274.643	37308.043	40927.422	26.479
27.831	26.804	1.018	
1/18/2017 6:45:00 AM	549900.000	121.916	20.372
274.628	37312.023	40929.695	26.481
27.832	26.801	1.018	
1/18/2017 7:00:00 AM	550800.000	121.908	20.371
274.610	37315.359	40934.188	26.484
27.835	26.799	1.018	
1/18/2017 7:15:00 AM	551700.000	121.899	20.371
274.590	37297.023	40914.813	26.470
27.822	26.812	1.018	
1/18/2017 7:30:00 AM	552600.000	121.880	20.368
274.546	37336.574	40960.156	26.503
27.853	26.783	1.018	
1/18/2017 7:45:00 AM	553500.000	121.892	20.371
274.573	37304.105	40922.438	26.476
27.827	26.807	1.018	
1/18/2017 8:00:00 AM	554400.000	121.868	20.370
274.520	37296.723	40915.313	26.471
27.822	26.812	1.018	
1/18/2017 8:15:00 AM	555300.000	121.884	20.368
274.556	37303.680	40924.371	26.477
27.829	26.807	1.018	
1/18/2017 8:30:00 AM	556200.000	121.839	20.369
274.455	37299.754	40919.008	26.473
27.825	26.810	1.018	
1/18/2017 8:45:00 AM	557100.000	121.837	20.367
274.450	37291.605	40912.172	26.468
27.820	26.816	1.018	
1/18/2017 9:00:00 AM	558000.000	121.826	20.367
274.425	37267.602	40885.984	26.449
27.802	26.833	1.018	
1/18/2017 9:15:00 AM	558900.000	121.823	20.366
274.418	37278.008	40898.004	26.458
27.811	26.825	1.018	
1/18/2017 9:30:00 AM	559800.000	121.835	20.367
274.446	37288.590	40909.012	26.466
27.818	26.818	1.018	
1/18/2017 9:45:00 AM	560700.000	121.832	20.369
274.439	37311.418	40932.328	26.483
27.834	26.801	1.018	
1/18/2017 10:00:00 AM	561600.000	121.836	20.364
274.448	37301.383	40925.305	26.478
27.829	26.809	1.018	
1/18/2017 10:15:00 AM	562500.000	121.814	20.364
274.398	37315.691	40941.227	26.489
27.840	26.798	1.018	
1/18/2017 10:30:00 AM	563400.000	121.796	20.363
274.356	37292.398	40916.566	26.471
27.823	26.815	1.018	
1/18/2017 10:45:00 AM	564300.000	121.775	20.367
274.311	37273.027	40891.563	26.453
27.806	26.829	1.018	
1/18/2017 11:00:00 AM	565200.000	121.775	20.367

274.311	37290.941	40911.141	26.467
27.820	26.816	1.018	
1/18/2017 11:15:00 AM	566100.000	121.806	20.363
274.380	37291.766	40915.648	26.471
27.823	26.816	1.018	
1/18/2017 11:30:00 AM	567000.000	121.778	20.363
274.317	37298.695	40923.031	26.476
27.828	26.811	1.018	
1/18/2017 11:45:00 AM	567900.000	121.806	20.362
274.379	37270.859	40893.234	26.454
27.807	26.831	1.018	
1/18/2017 12:00:00 PM	568800.000	121.805	20.361
274.377	37287.094	40912.023	26.468
27.820	26.819	1.018	
1/18/2017 12:15:00 PM	569700.000	121.805	20.362
274.377	37280.031	40903.227	26.462
27.814	26.824	1.018	
1/18/2017 12:30:00 PM	570600.000	121.822	20.364
274.416	37276.027	40897.035	26.457
27.810	26.827	1.018	
1/18/2017 12:45:00 PM	571500.000	121.814	20.360
274.399	37299.133	40925.754	26.478
27.830	26.810	1.018	
1/18/2017 1:00:00 PM	572400.000	121.832	20.361
274.438	37267.215	40890.434	26.452
27.805	26.833	1.018	
1/18/2017 1:15:00 PM	573300.000	121.845	20.363
274.468	37307.078	40932.227	26.482
27.834	26.805	1.018	
1/18/2017 1:30:00 PM	574200.000	121.870	20.361
274.525	37298.031	40924.172	26.477
27.828	26.811	1.018	
1/18/2017 1:45:00 PM	575100.000	121.865	20.359
274.513	37296.230	40923.551	26.476
27.828	26.812	1.018	
1/18/2017 2:00:00 PM	576000.000	121.865	20.359
274.513	37259.293	40883.613	26.447
27.801	26.839	1.018	
1/18/2017 2:15:00 PM	576900.000	121.897	20.358
274.585	37291.863	40919.660	26.473
27.825	26.816	1.018	
1/18/2017 2:30:00 PM	577800.000	121.877	20.358
274.539	37289.719	40917.453	26.472
27.824	26.817	1.018	
1/18/2017 2:45:00 PM	578700.000	121.888	20.359
274.565	37288.258	40914.730	26.470
27.822	26.818	1.018	
1/18/2017 3:00:00 PM	579600.000	121.915	20.361
274.626	37287.234	40912.398	26.468
27.820	26.819	1.018	
1/18/2017 3:15:00 PM	580500.000	121.909	20.364
274.612	37316.020	40941.363	26.489
27.840	26.798	1.018	
1/18/2017 3:30:00 PM	581400.000	121.931	20.364
274.662	37321.891	40947.352	26.493
27.844	26.794	1.018	
1/18/2017 3:45:00 PM	582300.000	121.928	20.362

274.654	37280.133	40903.555	26.462
27.814	26.824	1.018	
1/18/2017 4:00:00 PM	583200.000	121.922	20.363
274.642	37296.719	40920.711	26.474
27.826	26.812	1.018	
1/18/2017 4:15:00 PM	584100.000	121.932	20.366
274.664	37292.047	40913.027	26.469
27.821	26.815	1.018	
1/18/2017 4:30:00 PM	585000.000	121.947	20.363
274.698	37306.328	40931.477	26.482
27.833	26.805	1.018	
1/18/2017 4:45:00 PM	585900.000	121.922	20.363
274.642	37300.465	40925.195	26.477
27.829	26.809	1.018	
1/18/2017 5:00:00 PM	586800.000	121.924	20.363
274.646	37290.656	40914.359	26.470
27.822	26.816	1.018	
1/18/2017 5:15:00 PM	587700.000	121.935	20.363
274.670	37341.961	40970.574	26.510
27.860	26.780	1.018	
1/18/2017 5:30:00 PM	588600.000	121.919	20.363
274.633	37295.504	40919.973	26.474
27.826	26.813	1.018	
1/18/2017 5:45:00 PM	589500.000	121.890	20.366
274.568	37334.934	40960.457	26.503
27.853	26.785	1.018	
1/18/2017 6:00:00 PM	590400.000	121.898	20.362
274.587	37309.402	40935.977	26.485
27.836	26.803	1.018	
1/18/2017 6:15:00 PM	591300.000	121.903	20.360
274.598	37258.824	40881.527	26.446
27.799	26.839	1.018	
1/18/2017 6:30:00 PM	592200.000	121.886	20.363
274.561	37308.535	40933.598	26.483
27.835	26.804	1.018	
1/18/2017 6:45:00 PM	593100.000	121.861	20.366
274.504	37314.180	40937.832	26.487
27.838	26.799	1.018	
1/18/2017 7:00:00 PM	594000.000	121.860	20.359
274.501	37302.980	40931.484	26.482
27.833	26.808	1.018	
1/18/2017 7:15:00 PM	594900.000	121.849	20.362
274.476	37287.969	40912.152	26.468
27.820	26.818	1.018	
1/18/2017 7:30:00 PM	595800.000	121.826	20.363
274.425	37304.453	40929.348	26.480
27.832	26.806	1.018	
1/18/2017 7:45:00 PM	596700.000	121.817	20.367
274.404	37271.152	40889.203	26.452
27.805	26.830	1.018	
1/18/2017 8:00:00 PM	597600.000	121.812	20.366
274.393	37287.355	40908.191	26.465
27.818	26.819	1.018	
1/18/2017 8:15:00 PM	598500.000	121.805	20.363
274.377	37301.309	40926.270	26.478
27.830	26.809	1.018	
1/18/2017 8:30:00 PM	599400.000	121.808	20.360

274.385	37306.117	40933.418	26.483
27.835	26.805	1.018	
1/18/2017 8:45:00 PM	600300.000	121.803	20.364
274.373	37304.855	40929.266	26.480
27.832	26.806	1.018	
1/18/2017 9:00:00 PM	601200.000	121.770	20.366
274.298	37315.203	40938.430	26.487
27.838	26.799	1.018	
1/18/2017 9:15:00 PM	602100.000	121.763	20.362
274.282	37307.363	40933.430	26.483
27.835	26.804	1.018	
1/18/2017 9:30:00 PM	603000.000	121.754	20.366
274.262	37282.516	40902.430	26.461
27.814	26.822	1.018	
1/18/2017 9:45:00 PM	603900.000	121.751	20.362
274.257	37282.984	40906.680	26.464
27.817	26.822	1.018	
1/18/2017 10:00:00 PM	604800.000	121.746	20.362
274.244	37283.520	40907.051	26.464
27.817	26.822	1.018	
1/18/2017 10:15:00 PM	605700.000	121.742	20.362
274.235	37319.102	40946.473	26.493
27.844	26.796	1.018	
1/18/2017 10:30:00 PM	606600.000	121.748	20.358
274.250	37317.250	40947.969	26.494
27.845	26.797	1.018	
1/18/2017 10:45:00 PM	607500.000	121.763	20.361
274.282	37253.824	40875.520	26.442
27.795	26.843	1.018	
1/18/2017 11:00:00 PM	608400.000	121.760	20.360
274.276	37260.004	40883.570	26.447
27.801	26.838	1.018	
1/18/2017 11:15:00 PM	609300.000	121.768	20.362
274.295	37280.273	40903.422	26.462
27.814	26.824	1.018	
1/18/2017 11:30:00 PM	610200.000	121.771	20.363
274.302	37285.906	40909.148	26.466
27.818	26.820	1.018	
1/18/2017 11:45:00 PM	611100.000	121.780	20.357
274.322	37303.465	40933.664	26.483
27.835	26.807	1.018	

Report Date: 1/20/2017 8:28:18 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_2017-01-19_13-57-44-814-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
1/19/2017 1:56:09 PM	Log Download - Used Battery: 26% Used Memory: 40% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 2:55:00 PM
1/20/2017 8:26:54 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 2208
Sensors: 2
1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor:
	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#: 428901	SN#: 428901	SN#: 428901	SN#: 428901
SN#: 428901	SN#: 428901	SN#: 000000	
Elapsed Time	Corrected	Corrected	
Date and Time	Seconds	Pressure (PSI)	Temperature (C)
Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)	Salinity (PSU)
Dissolved Solids (ppm)		Resistivity (ohm-cm)	Water Density (g/cm3)
Pressure (PSI)			Depth (ft)
			Total
			Barometric
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1/12/2017 12:00:00 AM	7200.000	73.850	17.992
168.327	29206.986	33720.379	21.306
22929.859	34.238	1.015	14.679
1/12/2017 12:05:00 AM	7500.000	73.851	17.993
168.328	29210.186	33723.879	21.308
22932.240	34.235	1.015	14.679
1/12/2017 12:10:00 AM	7800.000	73.850	17.992
168.326	29204.232	33717.395	21.304
22927.830	34.242	1.015	14.679
1/12/2017 12:15:00 AM	8100.000	73.849	17.993
168.325	29207.072	33720.148	21.306
22929.703	34.238	1.015	14.679
1/12/2017 12:20:00 AM	8400.000	73.851	17.992
168.329	29222.689	33738.441	21.318
22942.143	34.220	1.015	14.676
1/12/2017 12:25:00 AM	8700.000	73.856	17.992
168.340	29212.240	33726.445	21.310
22933.982	34.232	1.015	14.674
1/12/2017 12:30:00 AM	9000.000	73.857	17.992
168.343	29209.883	33723.781	21.308
22932.172	34.235	1.015	14.671
1/12/2017 12:35:00 AM	9300.000	73.852	17.993
168.332	29217.268	33732.055	21.314
22937.797	34.226	1.015	14.670
1/12/2017 12:40:00 AM	9600.000	73.855	17.993
168.338	29195.537	33706.965	21.297
22920.738	34.252	1.015	14.670
1/12/2017 12:45:00 AM	9900.000	73.851	17.992
168.329	29205.314	33718.703	21.305
22928.721	34.240	1.015	14.669
1/12/2017 12:50:00 AM	10200.000	73.838	17.993
168.300	29210.613	33724.371	21.309
22932.574	34.234	1.015	14.667
1/12/2017 12:55:00 AM	10500.000	73.858	17.993
168.345	29219.215	33734.305	21.316
22939.330	34.224	1.015	14.665
1/12/2017 1:00:00 AM	10800.000	73.858	17.993
168.346	29224.898	33740.863	21.320
22943.789	34.217	1.015	14.663
1/12/2017 1:05:00 AM	11100.000	73.841	17.992
168.307	29203.510	33716.492	21.303

22927.215	34.242	1.015	14.662
1/12/2017 1:10:00 AM	11400.000	73.858	17.993
168.346	29210.771	33724.555	21.309
22932.699	34.234	1.015	14.661
1/12/2017 1:15:00 AM	11700.000	73.857	17.992
168.342	29206.686	33720.410	21.306
22929.881	34.239	1.015	14.661
1/12/2017 1:20:00 AM	12000.000	73.861	17.993
168.353	29209.266	33722.426	21.307
22931.252	34.236	1.015	14.661
1/12/2017 1:25:00 AM	12300.000	73.851	17.992
168.330	29212.770	33727.434	21.311
22934.656	34.232	1.015	14.662
1/12/2017 1:30:00 AM	12600.000	73.855	17.992
168.337	29205.584	33718.758	21.305
22928.756	34.240	1.015	14.663
1/12/2017 1:35:00 AM	12900.000	73.850	17.992
168.327	29207.576	33721.254	21.307
22930.455	34.238	1.015	14.662
1/12/2017 1:40:00 AM	13200.000	73.859	17.992
168.346	29194.930	33706.457	21.296
22920.391	34.253	1.015	14.661
1/12/2017 1:45:00 AM	13500.000	73.842	17.993
168.308	29217.236	33731.625	21.314
22937.508	34.226	1.015	14.660
1/12/2017 1:50:00 AM	13800.000	73.861	17.992
168.351	29209.391	33723.211	21.308
22931.783	34.236	1.015	14.659
1/12/2017 1:55:00 AM	14100.000	73.859	17.992
168.346	29208.215	33721.730	21.307
22930.779	34.237	1.015	14.658
1/12/2017 2:00:00 AM	14400.000	73.862	17.992
168.353	29207.486	33720.953	21.306
22930.248	34.238	1.015	14.658
1/12/2017 2:05:00 AM	14700.000	73.854	17.992
168.337	29210.332	33724.297	21.309
22932.521	34.234	1.015	14.660
1/12/2017 2:10:00 AM	15000.000	73.858	17.992
168.346	29226.510	33742.977	21.322
22945.225	34.216	1.015	14.661
1/12/2017 2:15:00 AM	15300.000	73.858	17.992
168.344	29197.824	33709.930	21.299
22922.752	34.249	1.015	14.663
1/12/2017 2:20:00 AM	15600.000	73.858	17.992
168.346	29196.059	33708.086	21.297
22921.500	34.251	1.015	14.665
1/12/2017 2:25:00 AM	15900.000	73.856	17.992
168.341	29217.326	33732.316	21.314
22937.975	34.226	1.015	14.667
1/12/2017 2:30:00 AM	16200.000	73.855	17.992
168.337	29203.102	33715.824	21.303
22926.762	34.243	1.015	14.668
1/12/2017 2:35:00 AM	16500.000	73.854	17.993
168.335	29197.861	33709.648	21.298
22922.563	34.249	1.015	14.667

1/12/2017 2:40:00 AM	16800.000	73.857	17.993
168.342	29199.652	33711.645	21.300
22923.920	34.247	1.015	14.666
1/12/2017 2:45:00 AM	17100.000	73.852	17.992
168.332	29217.533	33732.613	21.314
22938.180	34.226	1.015	14.665
1/12/2017 2:50:00 AM	17400.000	73.851	17.992
168.328	29201.945	33714.617	21.302
22925.941	34.244	1.015	14.666
1/12/2017 2:55:00 AM	17700.000	73.847	17.992
168.321	29205.602	33719.035	21.305
22928.943	34.240	1.015	14.666
1/12/2017 3:00:00 AM	18000.000	73.851	17.992
168.329	29218.719	33734.180	21.316
22939.244	34.225	1.015	14.667
1/12/2017 3:05:00 AM	18300.000	73.854	17.992
168.335	29214.381	33729.238	21.312
22935.885	34.230	1.015	14.664
1/12/2017 3:10:00 AM	18600.000	73.852	17.992
168.331	29206.271	33719.809	21.306
22929.473	34.239	1.015	14.662
1/12/2017 3:15:00 AM	18900.000	73.853	17.993
168.334	29206.057	33718.977	21.305
22928.906	34.239	1.015	14.659
1/12/2017 3:20:00 AM	19200.000	73.855	17.992
168.337	29201.031	33713.434	21.301
22925.137	34.245	1.015	14.657
1/12/2017 3:25:00 AM	19500.000	73.855	17.993
168.338	29205.100	33717.813	21.304
22928.113	34.241	1.015	14.656
1/12/2017 3:30:00 AM	19800.000	73.856	17.992
168.340	29214.367	33728.957	21.312
22935.691	34.230	1.015	14.654
1/12/2017 3:35:00 AM	20100.000	73.850	17.992
168.326	29205.096	33718.324	21.304
22928.461	34.241	1.015	14.658
1/12/2017 3:40:00 AM	20400.000	73.831	17.992
168.284	29215.666	33730.652	21.313
22936.846	34.228	1.015	14.662
1/12/2017 3:45:00 AM	20700.000	73.845	17.992
168.315	29203.279	33716.098	21.303
22926.949	34.243	1.015	14.666
1/12/2017 3:50:00 AM	21000.000	73.850	17.993
168.326	29208.063	33721.426	21.307
22930.570	34.237	1.015	14.663
1/12/2017 3:55:00 AM	21300.000	73.849	17.993
168.325	29210.994	33724.547	21.309
22932.691	34.234	1.015	14.659
1/12/2017 4:00:00 AM	21600.000	73.856	17.992
168.340	29202.311	33714.844	21.302
22926.094	34.244	1.015	14.655
1/12/2017 4:05:00 AM	21900.000	73.852	17.993
168.330	29206.104	33719.164	21.305
22929.033	34.239	1.015	14.656
1/12/2017 4:10:00 AM	22200.000	73.854	17.992

168.336	29191.078	33702.012	21.293
22917.369	34.257	1.015	14.656
1/12/2017 4:15:00 AM	22500.000	73.850	17.992
168.327	29205.611	33718.723	21.305
22928.734	34.240	1.015	14.657
1/12/2017 4:20:00 AM	22800.000	73.854	17.992
168.335	29209.229	33723.160	21.308
22931.752	34.236	1.015	14.657
1/12/2017 4:25:00 AM	23100.000	73.839	17.992
168.302	29214.146	33728.703	21.312
22935.518	34.230	1.015	14.656
1/12/2017 4:30:00 AM	23400.000	73.848	17.992
168.323	29210.354	33724.129	21.309
22932.410	34.234	1.015	14.656
1/12/2017 4:35:00 AM	23700.000	73.837	17.992
168.297	29204.184	33717.598	21.304
22927.967	34.242	1.015	14.654
1/12/2017 4:40:00 AM	24000.000	73.855	17.992
168.337	29207.510	33721.238	21.307
22930.443	34.238	1.015	14.652
1/12/2017 4:45:00 AM	24300.000	73.838	17.992
168.299	29206.764	33720.445	21.306
22929.902	34.239	1.015	14.651
1/12/2017 4:50:00 AM	24600.000	73.854	17.992
168.335	29207.959	33721.824	21.307
22930.842	34.237	1.015	14.651
1/12/2017 4:55:00 AM	24900.000	73.857	17.992
168.343	29200.914	33713.621	21.301
22925.262	34.246	1.015	14.651
1/12/2017 5:00:00 AM	25200.000	73.854	17.991
168.337	29204.080	33717.602	21.304
22927.969	34.242	1.015	14.651
1/12/2017 5:05:00 AM	25500.000	73.856	17.992
168.341	29217.428	33732.688	21.314
22938.230	34.226	1.015	14.652
1/12/2017 5:10:00 AM	25800.000	73.861	17.992
168.353	29195.002	33706.797	21.296
22920.623	34.252	1.015	14.653
1/12/2017 5:15:00 AM	26100.000	73.858	17.992
168.345	29196.260	33708.188	21.297
22921.570	34.251	1.015	14.654
1/12/2017 5:20:00 AM	26400.000	73.861	17.992
168.352	29194.563	33706.359	21.296
22920.326	34.253	1.015	14.653
1/12/2017 5:25:00 AM	26700.000	73.861	17.992
168.351	29209.584	33723.633	21.308
22932.072	34.235	1.015	14.652
1/12/2017 5:30:00 AM	27000.000	73.863	17.992
168.356	29191.639	33702.852	21.294
22917.939	34.256	1.015	14.651
1/12/2017 5:35:00 AM	27300.000	73.867	17.993
168.365	29211.533	33725.434	21.309
22933.297	34.233	1.015	14.650
1/12/2017 5:40:00 AM	27600.000	73.870	17.992
168.374	29204.873	33717.996	21.304

22928.240	34.241	1.015	14.649
1/12/2017 5:45:00 AM	27900.000	73.872	17.992
168.376	29209.895	33723.734	21.308
22932.141	34.235	1.015	14.648
1/12/2017 5:50:00 AM	28200.000	73.872	17.992
168.378	29196.232	33707.961	21.297
22921.416	34.251	1.015	14.650
1/12/2017 5:55:00 AM	28500.000	73.867	17.992
168.366	29184.742	33694.754	21.288
22912.436	34.264	1.015	14.653
1/12/2017 6:00:00 AM	28800.000	73.873	17.992
168.379	29184.639	33694.508	21.288
22912.266	34.265	1.015	14.656
1/12/2017 6:05:00 AM	29100.000	73.870	17.992
168.373	29193.123	33704.566	21.295
22919.107	34.255	1.015	14.656
1/12/2017 6:10:00 AM	29400.000	73.873	17.992
168.379	29196.844	33708.535	21.298
22921.807	34.250	1.015	14.656
1/12/2017 6:15:00 AM	29700.000	73.878	17.992
168.390	29196.447	33708.535	21.298
22921.807	34.251	1.015	14.657
1/12/2017 6:20:00 AM	30000.000	73.884	17.992
168.403	29197.473	33709.395	21.298
22922.391	34.250	1.015	14.654
1/12/2017 6:25:00 AM	30300.000	73.889	17.992
168.416	29184.828	33694.852	21.288
22912.500	34.264	1.015	14.652
1/12/2017 6:30:00 AM	30600.000	73.895	17.992
168.429	29195.568	33707.254	21.297
22920.936	34.252	1.015	14.650
1/12/2017 6:35:00 AM	30900.000	73.890	17.992
168.419	29199.871	33712.164	21.300
22924.273	34.247	1.015	14.653
1/12/2017 6:40:00 AM	31200.000	73.871	17.992
168.375	29200.922	33713.508	21.301
22925.186	34.245	1.015	14.656
1/12/2017 6:45:00 AM	31500.000	73.890	17.993
168.419	29194.816	33706.133	21.296
22920.172	34.253	1.015	14.658
1/12/2017 6:50:00 AM	31800.000	73.894	17.993
168.428	29196.678	33708.285	21.298
22921.637	34.250	1.015	14.660
1/12/2017 6:55:00 AM	32100.000	73.892	17.992
168.423	29186.400	33696.477	21.289
22913.605	34.263	1.015	14.661
1/12/2017 7:00:00 AM	32400.000	73.902	17.992
168.445	29189.506	33700.129	21.292
22916.088	34.259	1.015	14.663
1/12/2017 7:05:00 AM	32700.000	73.903	17.992
168.447	29188.650	33699.207	21.291
22915.463	34.260	1.015	14.662
1/12/2017 7:10:00 AM	33000.000	73.907	17.992
168.458	29189.309	33700.164	21.292
22916.113	34.259	1.015	14.661

1/12/2017 7:15:00 AM	33300.000	73.896	17.992
168.433	29183.465	33693.352	21.287
22911.480	34.266	1.015	14.660
1/12/2017 7:20:00 AM	33600.000	73.913	17.993
168.471	29177.146	33685.598	21.282
22906.209	34.273	1.015	14.663
1/12/2017 7:25:00 AM	33900.000	73.910	17.992
168.464	29191.309	33702.602	21.294
22917.770	34.257	1.015	14.665
1/12/2017 7:30:00 AM	34200.000	73.917	17.992
168.479	29198.467	33710.543	21.299
22923.170	34.248	1.015	14.668
1/12/2017 7:35:00 AM	34500.000	73.917	17.992
168.480	29179.201	33688.230	21.284
22907.998	34.271	1.015	14.671
1/12/2017 7:40:00 AM	34800.000	73.919	17.992
168.483	29185.982	33696.129	21.289
22913.369	34.263	1.015	14.673
1/12/2017 7:45:00 AM	35100.000	73.918	17.993
168.482	29183.566	33693.070	21.287
22911.287	34.266	1.015	14.676
1/12/2017 7:50:00 AM	35400.000	73.921	17.992
168.488	29190.945	33701.859	21.293
22917.266	34.257	1.015	14.676
1/12/2017 7:55:00 AM	35700.000	73.922	17.992
168.492	29180.016	33689.172	21.284
22908.639	34.270	1.015	14.675
1/12/2017 8:00:00 AM	36000.000	73.930	17.992
168.508	29187.619	33698.020	21.290
22914.656	34.261	1.015	14.675
1/12/2017 8:05:00 AM	36300.000	73.935	17.992
168.521	29188.619	33699.172	21.291
22915.438	34.260	1.015	14.677
1/12/2017 8:10:00 AM	36600.000	73.933	17.991
168.517	29174.857	33683.863	21.281
22905.029	34.276	1.015	14.680
1/12/2017 8:15:00 AM	36900.000	73.933	17.993
168.517	29179.289	33688.207	21.284
22907.982	34.271	1.015	14.682
1/12/2017 8:20:00 AM	37200.000	73.937	17.992
168.526	29182.447	33692.176	21.286
22910.682	34.267	1.015	14.685
1/12/2017 8:25:00 AM	37500.000	73.935	17.993
168.520	29188.410	33698.664	21.291
22915.092	34.260	1.015	14.687
1/12/2017 8:30:00 AM	37800.000	73.940	17.992
168.531	29188.426	33698.883	21.291
22915.242	34.260	1.015	14.690
1/12/2017 8:35:00 AM	38100.000	73.948	17.992
168.551	29192.775	33703.902	21.294
22918.656	34.255	1.015	14.690
1/12/2017 8:40:00 AM	38400.000	73.950	17.993
168.555	29171.578	33679.305	21.277
22901.928	34.280	1.015	14.690
1/12/2017 8:45:00 AM	38700.000	73.957	17.992

168.571	29170.174	33677.934	21.276
22900.996	34.282	1.015	14.690
1/12/2017 8:50:00 AM	39000.000	73.950	17.993
168.555	29184.215	33693.820	21.287
22911.801	34.265	1.015	14.694
1/12/2017 8:55:00 AM	39300.000	73.953	17.992
168.561	29179.334	33688.512	21.284
22908.188	34.271	1.015	14.698
1/12/2017 9:00:00 AM	39600.000	73.948	17.992
168.551	29181.188	33690.523	21.285
22909.557	34.269	1.015	14.702
1/12/2017 9:05:00 AM	39900.000	73.962	17.992
168.583	29180.391	33689.730	21.285
22909.020	34.270	1.015	14.699
1/12/2017 9:10:00 AM	40200.000	73.966	17.993
168.590	29178.148	33686.891	21.283
22907.088	34.272	1.015	14.696
1/12/2017 9:15:00 AM	40500.000	73.970	17.992
168.600	29180.846	33690.254	21.285
22909.375	34.269	1.015	14.693
1/12/2017 9:20:00 AM	40800.000	73.974	17.993
168.609	29178.607	33687.285	21.283
22907.354	34.272	1.015	14.693
1/12/2017 9:25:00 AM	41100.000	73.981	17.992
168.626	29176.559	33685.504	21.282
22906.143	34.274	1.015	14.693
1/12/2017 9:30:00 AM	41400.000	73.961	17.993
168.580	29161.121	33667.160	21.269
22893.672	34.292	1.015	14.694
1/12/2017 9:35:00 AM	41700.000	73.980	17.993
168.622	29170.219	33677.543	21.276
22900.730	34.282	1.015	14.699
1/12/2017 9:40:00 AM	42000.000	73.975	17.993
168.611	29189.439	33699.469	21.291
22915.641	34.259	1.015	14.705
1/12/2017 9:45:00 AM	42300.000	73.951	17.992
168.558	29187.936	33698.383	21.291
22914.902	34.261	1.015	14.710
1/12/2017 9:50:00 AM	42600.000	73.981	17.992
168.624	29180.941	33690.309	21.285
22909.410	34.269	1.015	14.708
1/12/2017 9:55:00 AM	42900.000	73.987	17.992
168.640	29185.559	33695.832	21.289
22913.168	34.264	1.015	14.707
1/12/2017 10:00:00 AM	43200.000	73.972	17.992
168.606	29195.750	33707.406	21.297
22921.037	34.252	1.015	14.705
1/12/2017 10:05:00 AM	43500.000	73.985	17.992
168.635	29172.906	33681.031	21.279
22903.104	34.278	1.015	14.705
1/12/2017 10:10:00 AM	43800.000	73.994	17.993
168.654	29181.082	33689.688	21.285
22908.988	34.269	1.015	14.706
1/12/2017 10:15:00 AM	44100.000	73.993	17.993
168.652	29181.090	33690.148	21.285

22909.301	34.269	1.015	14.706
1/12/2017 10:20:00 AM	44400.000	74.003	17.992
168.675	29174.820	33683.176	21.280
22904.563	34.276	1.015	14.706
1/12/2017 10:25:00 AM	44700.000	73.998	17.992
168.665	29169.002	33676.457	21.275
22899.992	34.283	1.015	14.706
1/12/2017 10:30:00 AM	45000.000	73.999	17.992
168.667	29181.537	33690.996	21.285
22909.877	34.268	1.015	14.706
1/12/2017 10:35:00 AM	45300.000	74.001	17.992
168.672	29178.422	33687.332	21.283
22907.389	34.272	1.015	14.708
1/12/2017 10:40:00 AM	45600.000	74.001	17.993
168.670	29163.387	33669.582	21.271
22895.316	34.290	1.015	14.710
1/12/2017 10:45:00 AM	45900.000	74.003	17.993
168.675	29185.328	33695.180	21.288
22912.723	34.264	1.015	14.711
1/12/2017 10:50:00 AM	46200.000	74.006	17.993
168.683	29177.654	33686.320	21.282
22906.697	34.273	1.015	14.709
1/12/2017 10:55:00 AM	46500.000	74.011	17.993
168.695	29190.902	33701.543	21.293
22917.049	34.257	1.015	14.707
1/12/2017 11:00:00 AM	46800.000	74.006	17.993
168.682	29165.484	33672.004	21.272
22896.963	34.287	1.015	14.705
1/12/2017 11:05:00 AM	47100.000	74.011	17.993
168.693	29182.148	33691.316	21.286
22910.098	34.268	1.015	14.705
1/12/2017 11:10:00 AM	47400.000	74.008	17.992
168.688	29167.336	33674.602	21.274
22898.729	34.285	1.015	14.705
1/12/2017 11:15:00 AM	47700.000	74.009	17.993
168.689	29176.824	33685.289	21.282
22905.996	34.274	1.015	14.704
1/12/2017 11:20:00 AM	48000.000	74.005	17.993
168.680	29186.924	33696.629	21.289
22913.707	34.262	1.015	14.707
1/12/2017 11:25:00 AM	48300.000	74.000	17.992
168.669	29178.340	33687.434	21.283
22907.455	34.272	1.015	14.709
1/12/2017 11:30:00 AM	48600.000	73.975	17.992
168.611	29171.695	33679.762	21.278
22902.238	34.280	1.015	14.712
1/12/2017 11:35:00 AM	48900.000	73.999	17.993
168.667	29172.863	33680.789	21.278
22902.939	34.278	1.015	14.710
1/12/2017 11:40:00 AM	49200.000	74.004	17.993
168.678	29178.594	33686.945	21.283
22907.123	34.272	1.015	14.707
1/12/2017 11:45:00 AM	49500.000	73.999	17.993
168.667	29164.785	33671.195	21.272
22896.414	34.288	1.015	14.705

1/12/2017 11:50:00 AM	49800.000	73.999	17.993
168.667	29169.609	33676.711	21.276
22900.166	34.282	1.015	14.704
1/12/2017 11:55:00 AM	50100.000	74.003	17.992
168.675	29182.080	33691.621	21.286
22910.303	34.268	1.015	14.704
1/12/2017 12:00:00 PM	50400.000	73.999	17.993
168.666	29172.621	33680.508	21.278
22902.748	34.279	1.015	14.703
1/12/2017 12:05:00 PM	50700.000	73.999	17.993
168.666	29182.137	33691.496	21.286
22910.217	34.268	1.015	14.702
1/12/2017 12:10:00 PM	51000.000	73.992	17.992
168.650	29174.412	33682.898	21.280
22904.371	34.277	1.015	14.701
1/12/2017 12:15:00 PM	51300.000	73.996	17.992
168.660	29167.645	33675.016	21.274
22899.014	34.285	1.015	14.701
1/12/2017 12:20:00 PM	51600.000	73.990	17.993
168.647	29177.449	33685.762	21.282
22906.318	34.273	1.015	14.701
1/12/2017 12:25:00 PM	51900.000	73.992	17.992
168.651	29162.869	33669.375	21.270
22895.176	34.290	1.015	14.701
1/12/2017 12:30:00 PM	52200.000	73.991	17.993
168.649	29198.432	33710.234	21.299
22922.961	34.248	1.015	14.701
1/12/2017 12:35:00 PM	52500.000	73.989	17.993
168.644	29183.605	33692.730	21.287
22911.059	34.266	1.015	14.699
1/12/2017 12:40:00 PM	52800.000	73.984	17.993
168.633	29166.691	33673.664	21.273
22898.092	34.286	1.015	14.697
1/12/2017 12:45:00 PM	53100.000	73.984	17.993
168.633	29183.006	33692.500	21.287
22910.902	34.267	1.015	14.695
1/12/2017 12:50:00 PM	53400.000	73.981	17.992
168.625	29179.807	33688.996	21.284
22908.518	34.270	1.015	14.696
1/12/2017 12:55:00 PM	53700.000	73.973	17.993
168.607	29173.949	33681.777	21.279
22903.609	34.277	1.015	14.697
1/12/2017 1:00:00 PM	54000.000	73.976	17.993
168.614	29172.146	33679.887	21.278
22902.322	34.279	1.015	14.697
1/12/2017 1:05:00 PM	54300.000	73.950	17.992
168.555	29178.572	33687.504	21.283
22907.504	34.272	1.015	14.698
1/12/2017 1:10:00 PM	54600.000	73.964	17.993
168.587	29171.816	33679.387	21.277
22901.982	34.280	1.015	14.698
1/12/2017 1:15:00 PM	54900.000	73.941	17.993
168.534	29180.213	33688.953	21.284
22908.488	34.270	1.015	14.699
1/12/2017 1:20:00 PM	55200.000	73.960	17.992

168.577	29181.541	33691.059	21.286
22909.922	34.268	1.015	14.697
1/12/2017 1:25:00 PM	55500.000	73.958	17.992
168.573	29172.625	33680.707	21.278
22902.881	34.279	1.015	14.696
1/12/2017 1:30:00 PM	55800.000	73.937	17.992
168.525	29176.285	33684.797	21.281
22905.662	34.274	1.015	14.694
1/12/2017 1:35:00 PM	56100.000	73.952	17.993
168.559	29179.133	33687.637	21.283
22907.594	34.271	1.015	14.695
1/12/2017 1:40:00 PM	56400.000	73.948	17.992
168.551	29181.967	33691.551	21.286
22910.256	34.268	1.015	14.696
1/12/2017 1:45:00 PM	56700.000	73.942	17.993
168.536	29170.174	33677.492	21.276
22900.695	34.282	1.015	14.697
1/12/2017 1:50:00 PM	57000.000	73.920	17.992
168.488	29189.387	33700.059	21.292
22916.043	34.259	1.015	14.698
1/12/2017 1:55:00 PM	57300.000	73.933	17.992
168.516	29172.971	33681.234	21.279
22903.242	34.278	1.015	14.698
1/12/2017 2:00:00 PM	57600.000	73.930	17.992
168.509	29183.021	33692.766	21.287
22911.082	34.266	1.015	14.699
1/12/2017 2:05:00 PM	57900.000	73.906	17.993
168.454	29182.482	33691.574	21.286
22910.273	34.267	1.015	14.697
1/12/2017 2:10:00 PM	58200.000	73.922	17.993
168.491	29174.645	33682.652	21.280
22904.203	34.276	1.015	14.695
1/12/2017 2:15:00 PM	58500.000	73.925	17.993
168.498	29172.109	33679.727	21.278
22902.217	34.279	1.015	14.692
1/12/2017 2:20:00 PM	58800.000	73.918	17.993
168.482	29190.523	33700.910	21.292
22916.621	34.258	1.015	14.694
1/12/2017 2:25:00 PM	59100.000	73.911	17.992
168.465	29168.746	33676.094	21.275
22899.746	34.283	1.015	14.696
1/12/2017 2:30:00 PM	59400.000	73.885	17.992
168.406	29177.639	33686.359	21.282
22906.725	34.273	1.015	14.698
1/12/2017 2:35:00 PM	59700.000	73.881	17.992
168.398	29179.703	33689.008	21.284
22908.527	34.270	1.015	14.697
1/12/2017 2:40:00 PM	60000.000	73.902	17.992
168.445	29177.547	33686.320	21.282
22906.697	34.273	1.015	14.696
1/12/2017 2:45:00 PM	60300.000	73.897	17.992
168.433	29192.539	33703.563	21.294
22918.422	34.255	1.015	14.695
1/12/2017 2:50:00 PM	60600.000	73.891	17.993
168.421	29179.336	33688.262	21.284

22908.018	34.271	1.015	14.697
1/12/2017 2:55:00 PM	60900.000	73.863	17.992
168.356	29183.443	33693.063	21.287
22911.283	34.266	1.015	14.699
1/12/2017 3:00:00 PM	61200.000	73.857	17.992
168.344	29182.625	33692.309	21.286
22910.770	34.267	1.015	14.701
1/12/2017 3:05:00 PM	61500.000	73.875	17.992
168.385	29187.342	33697.754	21.290
22914.475	34.261	1.015	14.701
1/12/2017 3:10:00 PM	61800.000	73.870	17.993
168.373	29173.357	33681.168	21.279
22903.197	34.278	1.015	14.702
1/12/2017 3:15:00 PM	62100.000	73.862	17.993
168.354	29184.143	33693.676	21.287
22911.701	34.265	1.015	14.703
1/12/2017 3:20:00 PM	62400.000	73.859	17.992
168.348	29194.908	33706.434	21.296
22920.375	34.253	1.015	14.702
1/12/2017 3:25:00 PM	62700.000	73.858	17.992
168.345	29186.225	33696.340	21.289
22913.514	34.263	1.015	14.702
1/12/2017 3:30:00 PM	63000.000	73.855	17.993
168.338	29200.379	33712.234	21.300
22924.322	34.246	1.015	14.701
1/12/2017 3:35:00 PM	63300.000	73.850	17.993
168.327	29182.439	33691.844	21.286
22910.453	34.267	1.015	14.702
1/12/2017 3:40:00 PM	63600.000	73.841	17.992
168.307	29182.271	33691.973	21.286
22910.541	34.267	1.015	14.703
1/12/2017 3:45:00 PM	63900.000	73.832	17.993
168.286	29163.922	33670.465	21.271
22895.918	34.289	1.015	14.704
1/12/2017 3:50:00 PM	64200.000	73.834	17.992
168.290	29190.439	33701.402	21.293
22916.953	34.258	1.015	14.705
1/12/2017 3:55:00 PM	64500.000	73.808	17.992
168.232	29193.264	33704.664	21.295
22919.172	34.254	1.015	14.706
1/12/2017 4:00:00 PM	64800.000	73.819	17.992
168.257	29186.564	33696.801	21.290
22913.826	34.262	1.015	14.707
1/12/2017 4:05:00 PM	65100.000	73.814	17.993
168.246	29184.781	33694.551	21.288
22912.297	34.264	1.015	14.707
1/12/2017 4:10:00 PM	65400.000	73.814	17.992
168.245	29183.441	33693.195	21.287
22911.375	34.266	1.015	14.707
1/12/2017 4:15:00 PM	65700.000	73.811	17.992
168.237	29191.340	33702.570	21.294
22917.750	34.257	1.015	14.706
1/12/2017 4:20:00 PM	66000.000	73.808	17.993
168.232	29178.268	33686.953	21.283
22907.129	34.272	1.015	14.708

1/12/2017 4:25:00 PM	66300.000	73.817	17.992
168.251	29189.566	33700.199	21.292
22916.137	34.259	1.015	14.709
1/12/2017 4:30:00 PM	66600.000	73.793	17.993
168.196	29181.295	33690.523	21.285
22909.557	34.269	1.015	14.710
1/12/2017 4:35:00 PM	66900.000	73.793	17.993
168.196	29193.451	33704.484	21.295
22919.051	34.254	1.015	14.709
1/12/2017 4:40:00 PM	67200.000	73.789	17.992
168.189	29193.076	33704.184	21.295
22918.846	34.255	1.015	14.707
1/12/2017 4:45:00 PM	67500.000	73.809	17.992
168.233	29194.635	33705.984	21.296
22920.070	34.253	1.015	14.705
1/12/2017 4:50:00 PM	67800.000	73.786	17.993
168.180	29191.340	33702.121	21.293
22917.443	34.257	1.015	14.706
1/12/2017 4:55:00 PM	68100.000	73.782	17.992
168.171	29177.354	33686.359	21.282
22906.725	34.273	1.015	14.706
1/12/2017 5:00:00 PM	68400.000	73.780	17.993
168.167	29191.664	33702.422	21.293
22917.648	34.256	1.015	14.706
1/12/2017 5:05:00 PM	68700.000	73.771	17.992
168.146	29187.008	33697.246	21.290
22914.127	34.262	1.015	14.709
1/12/2017 5:10:00 PM	69000.000	73.763	17.992
168.128	29201.598	33714.285	21.302
22925.717	34.245	1.015	14.711
1/12/2017 5:15:00 PM	69300.000	73.762	17.992
168.126	29179.564	33688.652	21.284
22908.285	34.271	1.015	14.713
1/12/2017 5:20:00 PM	69600.000	73.762	17.993
168.126	29185.752	33695.668	21.289
22913.055	34.263	1.015	14.709
1/12/2017 5:25:00 PM	69900.000	73.764	17.992
168.131	29158.549	33664.320	21.267
22891.738	34.295	1.015	14.705
1/12/2017 5:30:00 PM	70200.000	73.765	17.992
168.134	29155.498	33660.934	21.265
22889.438	34.299	1.015	14.701
1/12/2017 5:35:00 PM	70500.000	73.760	17.994
168.121	29149.832	33653.418	21.259
22884.324	34.306	1.015	14.704
1/12/2017 5:40:00 PM	70800.000	73.754	17.992
168.108	29159.094	33665.465	21.268
22892.518	34.295	1.015	14.708
1/12/2017 5:45:00 PM	71100.000	73.749	17.992
168.097	29153.662	33658.813	21.263
22887.992	34.301	1.015	14.712
1/12/2017 5:50:00 PM	71400.000	73.745	17.993
168.087	29153.979	33658.852	21.263
22888.021	34.301	1.015	14.710
1/12/2017 5:55:00 PM	71700.000	73.746	17.993

168.091	29175.414	33683.273	21.280
22904.629	34.275	1.015	14.707
1/12/2017 6:00:00 PM	72000.000	73.749	17.992
168.096	29162.654	33669.195	21.270
22895.055	34.290	1.015	14.705
1/12/2017 6:05:00 PM	72300.000	73.743	17.992
168.084	29153.912	33659.102	21.263
22888.191	34.301	1.015	14.709
1/12/2017 6:10:00 PM	72600.000	73.736	17.992
168.067	29151.055	33655.734	21.261
22885.902	34.304	1.015	14.713
1/12/2017 6:15:00 PM	72900.000	73.734	17.992
168.062	29155.369	33660.980	21.265
22889.467	34.299	1.015	14.718
1/12/2017 6:20:00 PM	73200.000	73.732	17.993
168.059	29161.383	33667.145	21.269
22893.660	34.292	1.015	14.715
1/12/2017 6:25:00 PM	73500.000	73.740	17.992
168.075	29154.402	33659.668	21.264
22888.574	34.300	1.015	14.713
1/12/2017 6:30:00 PM	73800.000	73.737	17.993
168.069	29154.215	33658.938	21.263
22888.078	34.300	1.015	14.710
1/12/2017 6:35:00 PM	74100.000	73.739	17.993
168.074	29160.035	33665.844	21.268
22892.775	34.294	1.015	14.713
1/12/2017 6:40:00 PM	74400.000	73.732	17.993
168.058	29149.055	33653.035	21.259
22884.066	34.306	1.015	14.716
1/12/2017 6:45:00 PM	74700.000	73.727	17.993
168.046	29145.365	33648.906	21.256
22881.256	34.311	1.015	14.719
1/12/2017 6:50:00 PM	75000.000	73.726	17.992
168.045	29161.697	33668.148	21.270
22894.342	34.292	1.015	14.721
1/12/2017 6:55:00 PM	75300.000	73.723	17.992
168.037	29161.396	33667.609	21.269
22893.977	34.292	1.015	14.723
1/12/2017 7:00:00 PM	75600.000	73.724	17.993
168.039	29154.482	33659.492	21.264
22888.457	34.300	1.015	14.725
1/12/2017 7:05:00 PM	75900.000	73.721	17.993
168.034	29154.496	33659.445	21.264
22888.426	34.300	1.015	14.725
1/12/2017 7:10:00 PM	76200.000	73.722	17.992
168.036	29148.828	33653.098	21.259
22884.107	34.307	1.015	14.725
1/12/2017 7:15:00 PM	76500.000	73.730	17.992
168.053	29170.514	33678.203	21.277
22901.178	34.281	1.015	14.725
1/12/2017 7:20:00 PM	76800.000	73.729	17.993
168.050	29153.943	33658.871	21.263
22888.035	34.301	1.015	14.725
1/12/2017 7:25:00 PM	77100.000	73.726	17.993
168.044	29165.373	33671.949	21.272

22896.928	34.287	1.015	14.725
1/12/2017 7:30:00 PM	77400.000	73.726	17.992
168.044	29157.426	33663.090	21.266
22890.902	34.297	1.015	14.726
1/12/2017 7:35:00 PM	77700.000	73.723	17.992
168.038	29156.811	33662.449	21.266
22890.467	34.297	1.015	14.727
1/12/2017 7:40:00 PM	78000.000	73.723	17.992
168.038	29168.033	33675.406	21.275
22899.279	34.284	1.015	14.729
1/12/2017 7:45:00 PM	78300.000	73.724	17.992
168.041	29145.635	33649.410	21.257
22881.602	34.310	1.015	14.731
1/12/2017 7:50:00 PM	78600.000	73.726	17.992
168.045	29166.730	33673.832	21.274
22898.207	34.286	1.015	14.732
1/12/2017 7:55:00 PM	78900.000	73.727	17.993
168.047	29159.893	33665.813	21.268
22892.754	34.294	1.015	14.733
1/12/2017 8:00:00 PM	79200.000	73.728	17.992
168.050	29165.447	33672.352	21.273
22897.199	34.287	1.015	14.735
1/12/2017 8:05:00 PM	79500.000	73.730	17.992
168.053	29159.369	33665.270	21.268
22892.383	34.294	1.015	14.734
1/12/2017 8:10:00 PM	79800.000	73.731	17.992
168.055	29144.893	33648.621	21.256
22881.063	34.311	1.015	14.734
1/12/2017 8:15:00 PM	80100.000	73.735	17.992
168.066	29171.246	33679.246	21.277
22901.889	34.280	1.015	14.734
1/12/2017 8:20:00 PM	80400.000	73.730	17.993
168.054	29172.119	33679.793	21.278
22902.262	34.279	1.015	14.736
1/12/2017 8:25:00 PM	80700.000	73.733	17.993
168.060	29164.133	33670.711	21.271
22896.086	34.289	1.015	14.738
1/12/2017 8:30:00 PM	81000.000	73.729	17.992
168.051	29157.619	33663.512	21.266
22891.188	34.296	1.015	14.740
1/12/2017 8:35:00 PM	81300.000	73.734	17.992
168.062	29152.482	33657.316	21.262
22886.977	34.302	1.015	14.740
1/12/2017 8:40:00 PM	81600.000	73.731	17.992
168.056	29160.156	33666.176	21.268
22893.002	34.293	1.015	14.740
1/12/2017 8:45:00 PM	81900.000	73.734	17.993
168.062	29146.875	33650.465	21.257
22882.316	34.309	1.015	14.741
1/12/2017 8:50:00 PM	82200.000	73.743	17.993
168.083	29146.004	33649.781	21.257
22881.854	34.310	1.015	14.738
1/12/2017 8:55:00 PM	82500.000	73.746	17.992
168.090	29153.037	33658.023	21.263
22887.459	34.302	1.015	14.735

1/12/2017 9:00:00 PM	82800.000	73.755	17.993
168.110	29163.049	33669.137	21.270
22895.014	34.290	1.015	14.733
1/12/2017 9:05:00 PM	83100.000	73.755	17.992
168.111	29155.367	33660.715	21.264
22889.287	34.299	1.015	14.734
1/12/2017 9:10:00 PM	83400.000	73.755	17.993
168.111	29159.607	33665.484	21.268
22892.531	34.294	1.015	14.735
1/12/2017 9:15:00 PM	83700.000	73.754	17.993
168.109	29152.619	33657.281	21.262
22886.951	34.302	1.015	14.736
1/12/2017 9:20:00 PM	84000.000	73.757	17.993
168.115	29153.846	33658.758	21.263
22887.957	34.301	1.015	14.738
1/12/2017 9:25:00 PM	84300.000	73.762	17.992
168.126	29157.277	33662.922	21.266
22890.789	34.297	1.015	14.741
1/12/2017 9:30:00 PM	84600.000	73.764	17.992
168.130	29153.535	33658.668	21.263
22887.896	34.301	1.015	14.744
1/12/2017 9:35:00 PM	84900.000	73.741	17.993
168.077	29159.648	33665.340	21.268
22892.434	34.294	1.015	14.743
1/12/2017 9:40:00 PM	85200.000	73.766	17.993
168.135	29154.406	33659.406	21.264
22888.396	34.300	1.015	14.742
1/12/2017 9:45:00 PM	85500.000	73.773	17.992
168.152	29158.740	33664.609	21.267
22891.938	34.295	1.015	14.741
1/12/2017 9:50:00 PM	85800.000	73.770	17.993
168.145	29157.576	33663.004	21.266
22890.844	34.296	1.015	14.741
1/12/2017 9:55:00 PM	86100.000	73.781	17.992
168.170	29157.318	33662.969	21.266
22890.820	34.297	1.015	14.740
1/12/2017 10:00:00 PM	86400.000	73.779	17.992
168.166	29150.340	33655.035	21.260
22885.426	34.305	1.015	14.740
1/12/2017 10:05:00 PM	86700.000	73.782	17.992
168.171	29153.355	33658.391	21.263
22887.707	34.301	1.015	14.744
1/12/2017 10:10:00 PM	87000.000	73.783	17.992
168.174	29157.598	33663.223	21.266
22890.992	34.296	1.015	14.747
1/12/2017 10:15:00 PM	87300.000	73.779	17.993
168.165	29150.111	33654.387	21.260
22884.982	34.305	1.015	14.751
1/12/2017 10:20:00 PM	87600.000	73.760	17.992
168.122	29165.359	33672.316	21.272
22897.176	34.287	1.015	14.751
1/12/2017 10:25:00 PM	87900.000	73.786	17.993
168.182	29153.467	33657.938	21.263
22887.400	34.301	1.015	14.750
1/12/2017 10:30:00 PM	88200.000	73.789	17.992

168.187	29145.549	33649.313	21.257
22881.535	34.311	1.015	14.749
1/12/2017 10:35:00 PM	88500.000	73.791	17.992
168.191	29140.762	33643.852	21.253
22877.818	34.316	1.015	14.749
1/12/2017 10:40:00 PM	88800.000	73.790	17.992
168.189	29134.561	33636.625	21.248
22872.906	34.323	1.015	14.748
1/12/2017 10:45:00 PM	89100.000	73.776	17.992
168.159	29155.531	33660.973	21.265
22889.461	34.299	1.015	14.747
1/12/2017 10:50:00 PM	89400.000	73.795	17.993
168.202	29161.338	33667.090	21.269
22893.621	34.292	1.015	14.749
1/12/2017 10:55:00 PM	89700.000	73.798	17.993
168.209	29156.924	33662.313	21.266
22890.373	34.297	1.015	14.752
1/12/2017 11:00:00 PM	90000.000	73.794	17.993
168.199	29144.682	33647.988	21.256
22880.635	34.312	1.015	14.754
1/12/2017 11:05:00 PM	90300.000	73.803	17.993
168.221	29140.441	33643.164	21.252
22877.352	34.317	1.015	14.754
1/12/2017 11:10:00 PM	90600.000	73.799	17.993
168.211	29163.957	33670.371	21.271
22895.855	34.289	1.015	14.754
1/12/2017 11:15:00 PM	90900.000	73.810	17.992
168.235	29162.498	33668.879	21.270
22894.838	34.291	1.015	14.755
1/12/2017 11:20:00 PM	91200.000	73.808	17.992
168.231	29147.236	33651.262	21.258
22882.857	34.309	1.015	14.754
1/12/2017 11:25:00 PM	91500.000	73.810	17.993
168.235	29154.473	33659.164	21.263
22888.232	34.300	1.015	14.753
1/12/2017 11:30:00 PM	91800.000	73.815	17.992
168.247	29147.057	33651.121	21.258
22882.764	34.309	1.015	14.752
1/12/2017 11:35:00 PM	92100.000	73.816	17.992
168.251	29158.885	33664.777	21.267
22892.049	34.295	1.015	14.751
1/12/2017 11:40:00 PM	92400.000	73.822	17.992
168.264	29152.650	33657.512	21.262
22887.107	34.302	1.015	14.751
1/12/2017 11:45:00 PM	92700.000	73.805	17.993
168.225	29151.400	33656.012	21.261
22886.090	34.304	1.015	14.750
1/12/2017 11:50:00 PM	93000.000	73.824	17.992
168.268	29140.805	33643.836	21.253
22877.809	34.316	1.015	14.750
1/12/2017 11:55:00 PM	93300.000	73.822	17.992
168.262	29137.299	33639.855	21.250
22875.104	34.320	1.015	14.751
1/13/2017 12:00:00 AM	93600.000	73.828	17.992
168.276	29155.986	33661.363	21.265

22889.729	34.298	1.015	14.752
1/13/2017 12:05:00 AM	93900.000	73.823	17.992
168.266	29137.371	33639.871	21.250
22875.115	34.320	1.015	14.753
1/13/2017 12:10:00 AM	94200.000	73.827	17.993
168.275	29142.631	33645.750	21.254
22879.109	34.314	1.015	14.755
1/13/2017 12:15:00 AM	94500.000	73.828	17.992
168.277	29144.332	33648.234	21.256
22880.801	34.312	1.015	14.756
1/13/2017 12:20:00 AM	94800.000	73.835	17.993
168.292	29144.188	33647.684	21.255
22880.426	34.312	1.015	14.755
1/13/2017 12:25:00 AM	95100.000	73.837	17.993
168.296	29141.680	33644.465	21.253
22878.236	34.315	1.015	14.753
1/13/2017 12:30:00 AM	95400.000	73.834	17.992
168.290	29134.516	33636.574	21.248
22872.871	34.324	1.015	14.751
1/13/2017 12:35:00 AM	95700.000	73.840	17.992
168.304	29135.746	33637.996	21.249
22873.838	34.322	1.015	14.749
1/13/2017 12:40:00 AM	96000.000	73.841	17.993
168.307	29146.854	33650.625	21.257
22882.428	34.309	1.015	14.748
1/13/2017 12:45:00 AM	96300.000	73.851	17.993
168.330	29153.305	33658.207	21.263
22887.580	34.301	1.015	14.747
1/13/2017 12:50:00 AM	96600.000	73.841	17.993
168.307	29149.295	33653.578	21.259
22884.434	34.306	1.015	14.749
1/13/2017 12:55:00 AM	96900.000	73.846	17.993
168.317	29131.154	33632.563	21.245
22870.145	34.328	1.015	14.751
1/13/2017 1:00:00 AM	97200.000	73.843	17.992
168.310	29141.451	33644.715	21.253
22878.406	34.315	1.015	14.754
1/13/2017 1:05:00 AM	97500.000	73.841	17.992
168.305	29145.594	33649.363	21.257
22881.566	34.311	1.015	14.755
1/13/2017 1:10:00 AM	97800.000	73.841	17.993
168.306	29134.293	33636.066	21.247
22872.525	34.324	1.015	14.757
1/13/2017 1:15:00 AM	98100.000	73.839	17.993
168.302	29138.301	33640.813	21.251
22875.754	34.319	1.015	14.759
1/13/2017 1:20:00 AM	98400.000	73.837	17.993
168.298	29135.068	33637.152	21.248
22873.264	34.323	1.015	14.757
1/13/2017 1:25:00 AM	98700.000	73.842	17.993
168.310	29157.473	33662.828	21.266
22890.725	34.297	1.015	14.755
1/13/2017 1:30:00 AM	99000.000	73.846	17.992
168.318	29140.834	33643.938	21.253
22877.879	34.316	1.015	14.753

1/13/2017 1:35:00 AM	99300.000	73.846	17.993
168.317	29131.002	33632.000	21.244
22869.760	34.328	1.015	14.755
1/13/2017 1:40:00 AM	99600.000	73.849	17.992
168.324	29130.297	33632.094	21.245
22869.826	34.329	1.015	14.757
1/13/2017 1:45:00 AM	99900.000	73.843	17.993
168.311	29156.287	33661.387	21.265
22889.746	34.298	1.015	14.760
1/13/2017 1:50:00 AM	100200.000	73.845	17.993
168.314	29154.680	33659.531	21.264
22888.482	34.300	1.015	14.761
1/13/2017 1:55:00 AM	100500.000	73.845	17.993
168.316	29149.320	33653.148	21.259
22884.143	34.306	1.015	14.761
1/13/2017 2:00:00 AM	100800.000	73.840	17.993
168.305	29140.131	33643.000	21.252
22877.240	34.317	1.015	14.762
1/13/2017 2:05:00 AM	101100.000	73.842	17.993
168.309	29149.660	33653.680	21.260
22884.502	34.306	1.015	14.762
1/13/2017 2:10:00 AM	101400.000	73.843	17.993
168.311	29150.949	33655.223	21.261
22885.551	34.304	1.015	14.762
1/13/2017 2:15:00 AM	101700.000	73.846	17.993
168.318	29144.738	33648.184	21.256
22880.766	34.312	1.015	14.762
1/13/2017 2:20:00 AM	102000.000	73.847	17.993
168.321	29138.848	33641.441	21.251
22876.180	34.318	1.015	14.759
1/13/2017 2:25:00 AM	102300.000	73.854	17.993
168.337	29139.170	33641.566	21.251
22876.266	34.318	1.015	14.757
1/13/2017 2:30:00 AM	102600.000	73.852	17.993
168.332	29143.344	33646.570	21.255
22879.670	34.313	1.015	14.755
1/13/2017 2:35:00 AM	102900.000	73.845	17.992
168.316	29145.279	33649.066	21.256
22881.367	34.311	1.015	14.757
1/13/2017 2:40:00 AM	103200.000	73.845	17.993
168.316	29144.592	33647.883	21.256
22880.563	34.312	1.015	14.760
1/13/2017 2:45:00 AM	103500.000	73.844	17.993
168.313	29133.609	33635.203	21.247
22871.939	34.325	1.015	14.762
1/13/2017 2:50:00 AM	103800.000	73.843	17.993
168.310	29135.834	33637.848	21.249
22873.738	34.322	1.015	14.765
1/13/2017 2:55:00 AM	104100.000	73.839	17.993
168.301	29127.047	33627.570	21.241
22866.748	34.332	1.015	14.768
1/13/2017 3:00:00 AM	104400.000	73.832	17.993
168.285	29145.877	33649.242	21.256
22881.484	34.310	1.015	14.771
1/13/2017 3:05:00 AM	104700.000	73.833	17.993

168.289	29138.023	33640.375	21.250
22875.455	34.319	1.015	14.771
1/13/2017 3:10:00 AM	105000.000	73.835	17.992
168.292	29126.393	33627.195	21.241
22866.494	34.333	1.015	14.771
1/13/2017 3:15:00 AM	105300.000	73.836	17.993
168.295	29141.730	33644.773	21.253
22878.447	34.315	1.015	14.771
1/13/2017 3:20:00 AM	105600.000	73.837	17.993
168.297	29139.580	33642.172	21.252
22876.678	34.318	1.015	14.770
1/13/2017 3:25:00 AM	105900.000	73.841	17.992
168.306	29146.373	33650.527	21.257
22882.361	34.310	1.015	14.768
1/13/2017 3:30:00 AM	106200.000	73.834	17.993
168.291	29150.621	33654.523	21.260
22885.076	34.305	1.015	14.767
1/13/2017 3:35:00 AM	106500.000	73.833	17.993
168.288	29131.357	33632.734	21.245
22870.260	34.327	1.015	14.769
1/13/2017 3:40:00 AM	106800.000	73.833	17.993
168.288	29147.426	33651.156	21.258
22882.787	34.308	1.015	14.772
1/13/2017 3:45:00 AM	107100.000	73.832	17.993
168.286	29141.383	33644.055	21.253
22877.959	34.315	1.015	14.774
1/13/2017 3:50:00 AM	107400.000	73.828	17.992
168.277	29144.506	33648.242	21.256
22880.807	34.312	1.015	14.774
1/13/2017 3:55:00 AM	107700.000	73.831	17.992
168.283	29128.492	33629.883	21.243
22868.320	34.331	1.015	14.773
1/13/2017 4:00:00 AM	108000.000	73.827	17.993
168.275	29141.949	33644.961	21.253
22878.574	34.315	1.015	14.773
1/13/2017 4:05:00 AM	108300.000	73.822	17.993
168.264	29132.828	33634.430	21.246
22871.412	34.326	1.015	14.773
1/13/2017 4:10:00 AM	108600.000	73.829	17.993
168.278	29145.971	33649.605	21.257
22881.732	34.310	1.015	14.772
1/13/2017 4:15:00 AM	108900.000	73.830	17.992
168.280	29154.367	33659.492	21.264
22888.457	34.300	1.015	14.772
1/13/2017 4:20:00 AM	109200.000	73.825	17.993
168.270	29143.596	33646.484	21.255
22879.609	34.313	1.015	14.771
1/13/2017 4:25:00 AM	109500.000	73.827	17.992
168.275	29149.574	33654.027	21.260
22884.738	34.306	1.015	14.770
1/13/2017 4:30:00 AM	109800.000	73.836	17.993
168.294	29140.826	33643.609	21.253
22877.654	34.316	1.015	14.770
1/13/2017 4:35:00 AM	110100.000	73.830	17.993
168.281	29142.678	33645.938	21.254

22879.240	34.314	1.015	14.770
1/13/2017 4:40:00 AM	110400.000	73.831	17.993
168.283	29159.756	33665.336	21.268
22892.430	34.294	1.015	14.771
1/13/2017 4:45:00 AM	110700.000	73.825	17.993
168.270	29138.713	33641.227	21.251
22876.035	34.319	1.015	14.772
1/13/2017 4:50:00 AM	111000.000	73.804	17.992
168.222	29139.535	33642.699	21.252
22877.037	34.318	1.015	14.774
1/13/2017 4:55:00 AM	111300.000	73.828	17.993
168.276	29130.867	33632.168	21.245
22869.877	34.328	1.015	14.775
1/13/2017 5:00:00 AM	111600.000	73.825	17.994
168.269	29153.096	33657.188	21.262
22886.891	34.302	1.015	14.776
1/13/2017 5:05:00 AM	111900.000	73.805	17.992
168.223	29149.195	33653.656	21.260
22884.486	34.306	1.015	14.779
1/13/2017 5:10:00 AM	112200.000	73.821	17.993
168.262	29151.629	33656.082	21.261
22886.137	34.303	1.015	14.781
1/13/2017 5:15:00 AM	112500.000	73.819	17.993
168.256	29138.076	33640.551	21.250
22875.576	34.319	1.015	14.783
1/13/2017 5:20:00 AM	112800.000	73.823	17.993
168.265	29138.025	33640.375	21.250
22875.455	34.319	1.015	14.781
1/13/2017 5:25:00 AM	113100.000	73.821	17.993
168.260	29141.639	33644.418	21.253
22878.207	34.315	1.015	14.780
1/13/2017 5:30:00 AM	113400.000	73.828	17.993
168.276	29129.656	33630.641	21.244
22868.838	34.329	1.015	14.778
1/13/2017 5:35:00 AM	113700.000	73.811	17.993
168.238	29144.053	33647.137	21.255
22880.055	34.312	1.015	14.777
1/13/2017 5:40:00 AM	114000.000	73.830	17.993
168.282	29153.014	33657.734	21.262
22887.260	34.302	1.015	14.777
1/13/2017 5:45:00 AM	114300.000	73.827	17.993
168.274	29137.898	33640.230	21.250
22875.359	34.320	1.015	14.776
1/13/2017 5:50:00 AM	114600.000	73.826	17.993
168.273	29147.148	33650.836	21.258
22882.570	34.309	1.015	14.779
1/13/2017 5:55:00 AM	114900.000	73.826	17.993
168.271	29146.473	33650.129	21.257
22882.090	34.309	1.015	14.781
1/13/2017 6:00:00 AM	115200.000	73.825	17.992
168.271	29147.834	33652.340	21.259
22883.592	34.308	1.015	14.784
1/13/2017 6:05:00 AM	115500.000	73.825	17.993
168.269	29134.416	33636.402	21.248
22872.756	34.324	1.015	14.781

1/13/2017 6:10:00 AM	115800.000	73.831	17.992
168.284	29146.197	33650.063	21.257
22882.043	34.310	1.015	14.779
1/13/2017 6:15:00 AM	116100.000	73.834	17.993
168.291	29148.525	33652.426	21.259
22883.652	34.307	1.015	14.777
1/13/2017 6:20:00 AM	116400.000	73.835	17.993
168.292	29156.330	33661.703	21.265
22889.959	34.298	1.015	14.778
1/13/2017 6:25:00 AM	116700.000	73.833	17.993
168.287	29124.031	33624.410	21.239
22864.602	34.336	1.015	14.779
1/13/2017 6:30:00 AM	117000.000	73.839	17.993
168.301	29155.014	33659.859	21.264
22888.707	34.299	1.015	14.780
1/13/2017 6:35:00 AM	117300.000	73.833	17.992
168.287	29146.359	33650.578	21.257
22882.393	34.310	1.015	14.783
1/13/2017 6:40:00 AM	117600.000	73.834	17.992
168.290	29166.107	33673.184	21.273
22897.766	34.286	1.015	14.786
1/13/2017 6:45:00 AM	117900.000	73.830	17.993
168.282	29160.707	33666.617	21.269
22893.301	34.293	1.015	14.788
1/13/2017 6:50:00 AM	118200.000	73.830	17.992
168.282	29144.557	33648.168	21.256
22880.754	34.312	1.015	14.789
1/13/2017 6:55:00 AM	118500.000	73.838	17.992
168.300	29151.912	33656.660	21.262
22886.529	34.303	1.015	14.789
1/13/2017 7:00:00 AM	118800.000	73.837	17.993
168.297	29133.461	33635.223	21.247
22871.951	34.325	1.015	14.789
1/13/2017 7:05:00 AM	119100.000	73.838	17.993
168.301	29157.420	33662.887	21.266
22890.764	34.297	1.015	14.789
1/13/2017 7:10:00 AM	119400.000	73.840	17.992
168.304	29149.203	33653.664	21.260
22884.492	34.306	1.015	14.789
1/13/2017 7:15:00 AM	119700.000	73.824	17.993
168.267	29148.023	33651.918	21.258
22883.307	34.308	1.015	14.789
1/13/2017 7:20:00 AM	120000.000	73.848	17.993
168.323	29139.443	33642.070	21.251
22876.607	34.318	1.015	14.790
1/13/2017 7:25:00 AM	120300.000	73.847	17.993
168.321	29141.361	33644.281	21.253
22878.113	34.315	1.015	14.790
1/13/2017 7:30:00 AM	120600.000	73.854	17.993
168.335	29113.109	33611.609	21.230
22855.896	34.349	1.015	14.791
1/13/2017 7:35:00 AM	120900.000	73.851	17.993
168.330	29141.287	33643.875	21.253
22877.836	34.316	1.015	14.793
1/13/2017 7:40:00 AM	121200.000	73.851	17.993

168.329	29145.563	33649.133	21.256
22881.410	34.311	1.015	14.796
1/13/2017 7:45:00 AM	121500.000	73.851	17.993
168.330	29134.338	33636.117	21.247
22872.563	34.324	1.015	14.798
1/13/2017 7:50:00 AM	121800.000	73.855	17.993
168.338	29155.092	33659.879	21.264
22888.719	34.299	1.015	14.796
1/13/2017 7:55:00 AM	122100.000	73.864	17.993
168.360	29162.850	33669.227	21.270
22895.074	34.290	1.015	14.794
1/13/2017 8:00:00 AM	122400.000	73.868	17.992
168.368	29148.338	33652.531	21.259
22883.723	34.307	1.015	14.793
1/13/2017 8:05:00 AM	122700.000	73.868	17.993
168.369	29170.852	33678.074	21.277
22901.090	34.281	1.015	14.794
1/13/2017 8:10:00 AM	123000.000	73.865	17.993
168.361	29142.088	33645.258	21.254
22878.777	34.315	1.015	14.796
1/13/2017 8:15:00 AM	123300.000	73.869	17.993
168.371	29150.668	33654.512	21.260
22885.068	34.305	1.015	14.798
1/13/2017 8:20:00 AM	123600.000	73.871	17.992
168.375	29152.553	33657.398	21.262
22887.031	34.302	1.015	14.800
1/13/2017 8:25:00 AM	123900.000	73.877	17.993
168.390	29155.410	33660.504	21.264
22889.143	34.299	1.015	14.801
1/13/2017 8:30:00 AM	124200.000	73.871	17.993
168.375	29148.338	33652.398	21.259
22883.633	34.307	1.015	14.803
1/13/2017 8:35:00 AM	124500.000	73.856	17.993
168.341	29133.563	33635.414	21.247
22872.084	34.325	1.015	14.804
1/13/2017 8:40:00 AM	124800.000	73.884	17.993
168.404	29140.623	33643.430	21.252
22877.535	34.316	1.015	14.804
1/13/2017 8:45:00 AM	125100.000	73.883	17.993
168.402	29139.445	33642.133	21.252
22876.652	34.318	1.015	14.805
1/13/2017 8:50:00 AM	125400.000	73.886	17.993
168.409	29142.438	33645.203	21.254
22878.740	34.314	1.015	14.805
1/13/2017 8:55:00 AM	125700.000	73.891	17.993
168.420	29164.816	33671.176	21.272
22896.402	34.288	1.015	14.806
1/13/2017 9:00:00 AM	126000.000	73.888	17.992
168.414	29150.393	33654.973	21.260
22885.381	34.305	1.015	14.806
1/13/2017 9:05:00 AM	126300.000	73.892	17.993
168.423	29138.184	33640.359	21.250
22875.447	34.319	1.015	14.809
1/13/2017 9:10:00 AM	126600.000	73.894	17.993
168.428	29142.494	33645.590	21.254

22879.004	34.314	1.015	14.812
1/13/2017 9:15:00 AM	126900.000	73.892	17.993
168.423	29137.436	33639.566	21.250
22874.906	34.320	1.015	14.815
1/13/2017 9:20:00 AM	127200.000	73.899	17.993
168.438	29149.064	33653.176	21.259
22884.160	34.306	1.015	14.814
1/13/2017 9:25:00 AM	127500.000	73.902	17.993
168.445	29140.682	33643.563	21.253
22877.625	34.316	1.015	14.813
1/13/2017 9:30:00 AM	127800.000	73.907	17.993
168.457	29143.186	33646.258	21.254
22879.455	34.313	1.015	14.812
1/13/2017 9:35:00 AM	128100.000	73.910	17.993
168.464	29167.732	33674.473	21.274
22898.643	34.284	1.015	14.813
1/13/2017 9:40:00 AM	128400.000	73.914	17.992
168.472	29150.441	33654.961	21.260
22885.375	34.305	1.015	14.815
1/13/2017 9:45:00 AM	128700.000	73.912	17.993
168.468	29150.848	33654.914	21.260
22885.344	34.304	1.015	14.816
1/13/2017 9:50:00 AM	129000.000	73.916	17.993
168.477	29139.896	33642.652	21.252
22877.004	34.317	1.015	14.817
1/13/2017 9:55:00 AM	129300.000	73.920	17.993
168.486	29141.496	33644.438	21.253
22878.217	34.315	1.015	14.818
1/13/2017 10:00:00 AM	129600.000	73.923	17.993
168.492	29151.535	33655.898	21.261
22886.014	34.304	1.015	14.818
1/13/2017 10:05:00 AM	129900.000	73.925	17.993
168.497	29149.793	33653.695	21.260
22884.514	34.306	1.015	14.819
1/13/2017 10:10:00 AM	130200.000	73.929	17.993
168.508	29126.492	33627.063	21.241
22866.404	34.333	1.015	14.820
1/13/2017 10:15:00 AM	130500.000	73.927	17.993
168.504	29153.045	33657.586	21.262
22887.160	34.302	1.015	14.821
1/13/2017 10:20:00 AM	130800.000	73.933	17.993
168.517	29160.932	33666.820	21.269
22893.438	34.292	1.015	14.823
1/13/2017 10:25:00 AM	131100.000	73.933	17.993
168.515	29157.604	33662.906	21.266
22890.777	34.296	1.015	14.824
1/13/2017 10:30:00 AM	131400.000	73.934	17.993
168.518	29158.236	33663.637	21.266
22891.275	34.296	1.015	14.826
1/13/2017 10:35:00 AM	131700.000	73.934	17.993
168.519	29138.848	33641.516	21.251
22876.232	34.318	1.015	14.825
1/13/2017 10:40:00 AM	132000.000	73.938	17.993
168.527	29134.057	33635.793	21.247
22872.342	34.324	1.015	14.825

1/13/2017 10:45:00 AM	132300.000	73.940	17.993
168.533	29154.961	33659.730	21.264
22888.619	34.299	1.015	14.824
1/13/2017 10:50:00 AM	132600.000	73.942	17.993
168.538	29154.377	33659.445	21.264
22888.426	34.300	1.015	14.824
1/13/2017 10:55:00 AM	132900.000	73.945	17.993
168.544	29143.398	33646.699	21.255
22879.758	34.313	1.015	14.823
1/13/2017 11:00:00 AM	133200.000	73.949	17.993
168.553	29151.863	33656.543	21.262
22886.449	34.303	1.015	14.822
1/13/2017 11:05:00 AM	133500.000	73.948	17.992
168.550	29130.004	33631.363	21.244
22869.330	34.329	1.015	14.823
1/13/2017 11:10:00 AM	133800.000	73.943	17.993
168.539	29134.268	33636.156	21.247
22872.588	34.324	1.015	14.824
1/13/2017 11:15:00 AM	134100.000	73.947	17.993
168.547	29168.129	33674.934	21.274
22898.957	34.284	1.015	14.825
1/13/2017 11:20:00 AM	134400.000	73.947	17.993
168.549	29129.045	33629.879	21.243
22868.318	34.330	1.015	14.823
1/13/2017 11:25:00 AM	134700.000	73.952	17.993
168.559	29133.252	33634.734	21.246
22871.621	34.325	1.015	14.820
1/13/2017 11:30:00 AM	135000.000	73.937	17.993
168.525	29150.258	33654.555	21.260
22885.100	34.305	1.015	14.817
1/13/2017 11:35:00 AM	135300.000	73.958	17.993
168.573	29147.688	33651.266	21.258
22882.861	34.308	1.015	14.816
1/13/2017 11:40:00 AM	135600.000	73.957	17.992
168.571	29143.406	33646.973	21.255
22879.941	34.313	1.015	14.816
1/13/2017 11:45:00 AM	135900.000	73.956	17.993
168.568	29155.922	33660.906	21.265
22889.418	34.298	1.015	14.815
1/13/2017 11:50:00 AM	136200.000	73.961	17.993
168.581	29148.338	33652.398	21.259
22883.633	34.307	1.015	14.815
1/13/2017 11:55:00 AM	136500.000	73.939	17.993
168.530	29152.076	33656.598	21.262
22886.488	34.303	1.015	14.815
1/13/2017 12:00:00 PM	136800.000	73.960	17.993
168.577	29147.785	33651.762	21.258
22883.197	34.308	1.015	14.816
1/13/2017 12:05:00 PM	137100.000	73.956	17.993
168.568	29142.912	33645.887	21.254
22879.203	34.314	1.015	14.815
1/13/2017 12:10:00 PM	137400.000	73.953	17.993
168.563	29134.721	33636.430	21.248
22872.771	34.323	1.015	14.815
1/13/2017 12:15:00 PM	137700.000	73.954	17.992

168.564	29139.943	33642.906	21.252
22877.176	34.317	1.015	14.814
1/13/2017 12:20:00 PM	138000.000	73.961	17.993
168.580	29137.123	33639.391	21.250
22874.787	34.320	1.015	14.810
1/13/2017 12:25:00 PM	138300.000	73.959	17.993
168.576	29132.189	33633.695	21.246
22870.912	34.326	1.015	14.805
1/13/2017 12:30:00 PM	138600.000	73.961	17.993
168.581	29151.982	33656.289	21.261
22886.277	34.303	1.015	14.801
1/13/2017 12:35:00 PM	138900.000	73.960	17.993
168.578	29138.709	33641.223	21.251
22876.031	34.319	1.015	14.802
1/13/2017 12:40:00 PM	139200.000	73.956	17.993
168.569	29145.230	33648.566	21.256
22881.027	34.311	1.015	14.803
1/13/2017 12:45:00 PM	139500.000	73.956	17.993
168.568	29140.186	33642.547	21.252
22876.932	34.317	1.015	14.804
1/13/2017 12:50:00 PM	139800.000	73.953	17.993
168.562	29137.018	33639.137	21.249
22874.615	34.321	1.015	14.804
1/13/2017 12:55:00 PM	140100.000	73.946	17.993
168.546	29125.393	33625.270	21.240
22865.186	34.334	1.015	14.804
1/13/2017 1:00:00 PM	140400.000	73.947	17.993
168.548	29141.680	33644.328	21.253
22878.143	34.315	1.015	14.804
1/13/2017 1:05:00 PM	140700.000	73.944	17.993
168.541	29147.043	33650.844	21.258
22882.576	34.309	1.015	14.803
1/13/2017 1:10:00 PM	141000.000	73.942	17.993
168.536	29124.936	33625.133	21.240
22865.092	34.335	1.015	14.803
1/13/2017 1:15:00 PM	141300.000	73.944	17.993
168.540	29152.084	33656.605	21.262
22886.494	34.303	1.015	14.802
1/13/2017 1:20:00 PM	141600.000	73.942	17.993
168.537	29147.791	33651.844	21.258
22883.256	34.308	1.015	14.802
1/13/2017 1:25:00 PM	141900.000	73.939	17.993
168.530	29149.025	33653.270	21.259
22884.225	34.306	1.015	14.802
1/13/2017 1:30:00 PM	142200.000	73.940	17.993
168.532	29162.639	33668.594	21.270
22894.646	34.290	1.015	14.802
1/13/2017 1:35:00 PM	142500.000	73.932	17.993
168.515	29147.607	33650.918	21.258
22882.625	34.308	1.015	14.803
1/13/2017 1:40:00 PM	142800.000	73.938	17.993
168.527	29145.004	33648.434	21.256
22880.938	34.311	1.015	14.804
1/13/2017 1:45:00 PM	143100.000	73.927	17.993
168.502	29148.598	33652.582	21.259

22883.756	34.307	1.015	14.805
1/13/2017 1:50:00 PM	143400.000	73.924	17.993
168.496	29132.555	33634.059	21.246
22871.160	34.326	1.015	14.803
1/13/2017 1:55:00 PM	143700.000	73.925	17.993
168.498	29150.439	33654.828	21.260
22885.285	34.305	1.015	14.801
1/13/2017 2:00:00 PM	144000.000	73.927	17.993
168.503	29136.838	33638.684	21.249
22874.307	34.321	1.015	14.799
1/13/2017 2:05:00 PM	144300.000	73.924	17.993
168.496	29139.078	33641.391	21.251
22876.148	34.318	1.015	14.802
1/13/2017 2:10:00 PM	144600.000	73.914	17.993
168.474	29143.453	33646.375	21.254
22879.535	34.313	1.015	14.804
1/13/2017 2:15:00 PM	144900.000	73.909	17.994
168.461	29145.281	33648.164	21.256
22880.752	34.311	1.015	14.807
1/13/2017 2:20:00 PM	145200.000	73.908	17.993
168.460	29142.041	33644.691	21.253
22878.391	34.315	1.015	14.807
1/13/2017 2:25:00 PM	145500.000	73.905	17.993
168.451	29145.779	33649.063	21.256
22881.365	34.310	1.015	14.807
1/13/2017 2:30:00 PM	145800.000	73.899	17.993
168.439	29134.973	33637.043	21.248
22873.189	34.323	1.015	14.807
1/13/2017 2:35:00 PM	146100.000	73.898	17.993
168.437	29157.238	33662.430	21.266
22890.453	34.297	1.015	14.807
1/13/2017 2:40:00 PM	146400.000	73.893	17.992
168.425	29139.719	33642.648	21.252
22877.002	34.317	1.015	14.808
1/13/2017 2:45:00 PM	146700.000	73.883	17.993
168.403	29151.084	33655.379	21.261
22885.660	34.304	1.015	14.808
1/13/2017 2:50:00 PM	147000.000	73.885	17.993
168.407	29140.582	33642.871	21.252
22877.154	34.316	1.015	14.808
1/13/2017 2:55:00 PM	147300.000	73.879	17.993
168.394	29157.736	33662.613	21.266
22890.580	34.296	1.015	14.808
1/13/2017 3:00:00 PM	147600.000	73.874	17.993
168.382	29129.814	33630.574	21.243
22868.791	34.329	1.015	14.808
1/13/2017 3:05:00 PM	147900.000	73.873	17.993
168.379	29141.215	33643.984	21.253
22877.910	34.316	1.015	14.809
1/13/2017 3:10:00 PM	148200.000	73.867	17.993
168.365	29147.086	33650.441	21.257
22882.301	34.309	1.015	14.809
1/13/2017 3:15:00 PM	148500.000	73.861	17.993
168.352	29142.770	33645.652	21.254
22879.043	34.314	1.015	14.809

1/13/2017 3:20:00 PM	148800.000	73.860	17.993
168.350	29133.645	33635.051	21.247
22871.836	34.325	1.015	14.807
1/13/2017 3:25:00 PM	149100.000	73.857	17.993
168.342	29142.998	33646.234	21.254
22879.439	34.314	1.015	14.806
1/13/2017 3:30:00 PM	149400.000	73.856	17.993
168.342	29134.473	33635.754	21.247
22872.314	34.324	1.015	14.805
1/13/2017 3:35:00 PM	149700.000	73.845	17.993
168.316	29149.615	33653.875	21.260
22884.637	34.306	1.015	14.808
1/13/2017 3:40:00 PM	150000.000	73.840	17.993
168.303	29158.883	33664.512	21.267
22891.871	34.295	1.015	14.810
1/13/2017 3:45:00 PM	150300.000	73.831	17.993
168.285	29153.975	33658.469	21.263
22887.760	34.301	1.015	14.813
1/13/2017 3:50:00 PM	150600.000	73.828	17.993
168.278	29164.420	33670.969	21.272
22896.262	34.288	1.015	14.810
1/13/2017 3:55:00 PM	150900.000	73.829	17.993
168.279	29142.486	33645.262	21.254
22878.779	34.314	1.015	14.806
1/13/2017 4:00:00 PM	151200.000	73.827	17.993
168.274	29148.646	33652.563	21.259
22883.744	34.307	1.015	14.802
1/13/2017 4:05:00 PM	151500.000	73.819	17.993
168.256	29141.678	33644.711	21.253
22878.404	34.315	1.015	14.801
1/13/2017 4:10:00 PM	151800.000	73.821	17.993
168.261	29160.441	33665.934	21.268
22892.838	34.293	1.015	14.799
1/13/2017 4:15:00 PM	152100.000	73.813	17.993
168.243	29141.174	33643.746	21.253
22877.748	34.316	1.015	14.797
1/13/2017 4:20:00 PM	152400.000	73.807	17.993
168.228	29144.273	33647.516	21.255
22880.313	34.312	1.015	14.800
1/13/2017 4:25:00 PM	152700.000	73.803	17.993
168.219	29144.096	33647.063	21.255
22880.004	34.312	1.015	14.802
1/13/2017 4:30:00 PM	153000.000	73.798	17.993
168.209	29142.338	33644.895	21.253
22878.531	34.314	1.015	14.804
1/13/2017 4:35:00 PM	153300.000	73.793	17.993
168.197	29129.152	33630.250	21.243
22868.572	34.330	1.015	14.803
1/13/2017 4:40:00 PM	153600.000	73.790	17.993
168.190	29147.043	33650.844	21.258
22882.576	34.309	1.015	14.802
1/13/2017 4:45:00 PM	153900.000	73.789	17.993
168.188	29147.801	33651.660	21.258
22883.129	34.308	1.015	14.801
1/13/2017 4:50:00 PM	154200.000	73.781	17.993

168.170	29150.514	33654.273	21.260
22884.906	34.305	1.015	14.802
1/13/2017 4:55:00 PM	154500.000	73.775	17.993
168.157	29151.896	33656.445	21.261
22886.383	34.303	1.015	14.802
1/13/2017 5:00:00 PM	154800.000	73.770	17.993
168.145	29157.432	33662.652	21.266
22890.604	34.297	1.015	14.803
1/13/2017 5:05:00 PM	155100.000	73.768	17.993
168.140	29134.287	33636.180	21.247
22872.602	34.324	1.015	14.800
1/13/2017 5:10:00 PM	155400.000	73.763	17.993
168.130	29155.686	33660.820	21.265
22889.359	34.299	1.015	14.797
1/13/2017 5:15:00 PM	155700.000	73.770	17.993
168.145	29138.781	33640.980	21.251
22875.867	34.319	1.015	14.795
1/13/2017 5:20:00 PM	156000.000	73.764	17.993
168.131	29135.975	33638.063	21.249
22873.885	34.322	1.015	14.797
1/13/2017 5:25:00 PM	156300.000	73.758	17.993
168.118	29140.992	33643.801	21.253
22877.787	34.316	1.015	14.799
1/13/2017 5:30:00 PM	156600.000	73.755	17.992
168.110	29125.086	33625.688	21.240
22865.467	34.335	1.015	14.801
1/13/2017 5:35:00 PM	156900.000	73.749	17.993
168.097	29146.338	33649.453	21.257
22881.631	34.310	1.015	14.804
1/13/2017 5:40:00 PM	157200.000	73.745	17.993
168.087	29142.270	33645.469	21.254
22878.922	34.314	1.015	14.806
1/13/2017 5:45:00 PM	157500.000	73.739	17.993
168.073	29135.201	33637.043	21.248
22873.189	34.323	1.015	14.809
1/13/2017 5:50:00 PM	157800.000	73.733	17.993
168.060	29154.645	33659.680	21.264
22888.582	34.300	1.015	14.808
1/13/2017 5:55:00 PM	158100.000	73.733	17.993
168.059	29143.867	33646.855	21.255
22879.861	34.313	1.015	14.807
1/13/2017 6:00:00 PM	158400.000	73.731	17.993
168.057	29164.039	33670.086	21.271
22895.658	34.289	1.015	14.807
1/13/2017 6:05:00 PM	158700.000	73.730	17.993
168.052	29135.217	33637.188	21.248
22873.289	34.323	1.015	14.807
1/13/2017 6:10:00 PM	159000.000	73.722	17.993
168.036	29142.766	33646.039	21.254
22879.307	34.314	1.015	14.807
1/13/2017 6:15:00 PM	159300.000	73.715	17.993
168.020	29162.625	33668.703	21.270
22894.721	34.290	1.015	14.808
1/13/2017 6:20:00 PM	159600.000	73.717	17.992
168.025	29137.244	33639.859	21.250

22875.107	34.320	1.015	14.805
1/13/2017 6:25:00 PM	159900.000	73.718	17.993
168.026	29155.270	33660.340	21.264
22889.033	34.299	1.015	14.803
1/13/2017 6:30:00 PM	160200.000	73.719	17.993
168.027	29151.510	33656.000	21.261
22886.082	34.304	1.015	14.801
1/13/2017 6:35:00 PM	160500.000	73.714	17.992
168.016	29119.873	33619.668	21.236
22861.375	34.341	1.015	14.800
1/13/2017 6:40:00 PM	160800.000	73.715	17.993
168.020	29163.170	33669.406	21.270
22895.199	34.290	1.015	14.800
1/13/2017 6:45:00 PM	161100.000	73.713	17.993
168.015	29141.125	33643.953	21.253
22877.889	34.316	1.015	14.799
1/13/2017 6:50:00 PM	161400.000	73.710	17.993
168.007	29146.057	33649.254	21.256
22881.492	34.310	1.015	14.803
1/13/2017 6:55:00 PM	161700.000	73.700	17.993
167.985	29145.549	33648.797	21.256
22881.184	34.311	1.015	14.808
1/13/2017 7:00:00 PM	162000.000	73.698	17.993
167.980	29154.684	33659.410	21.264
22888.398	34.300	1.015	14.812
1/13/2017 7:05:00 PM	162300.000	73.698	17.993
167.981	29154.631	33659.664	21.264
22888.572	34.300	1.015	14.812
1/13/2017 7:10:00 PM	162600.000	73.693	17.993
167.969	29160.619	33666.195	21.268
22893.016	34.293	1.015	14.811
1/13/2017 7:15:00 PM	162900.000	73.692	17.993
167.967	29154.406	33659.344	21.263
22888.355	34.300	1.015	14.811
1/13/2017 7:20:00 PM	163200.000	73.698	17.993
167.980	29145.145	33648.520	21.256
22880.994	34.311	1.015	14.809
1/13/2017 7:25:00 PM	163500.000	73.700	17.993
167.985	29147.881	33651.754	21.258
22883.193	34.308	1.015	14.808
1/13/2017 7:30:00 PM	163800.000	73.700	17.992
167.984	29154.359	33659.551	21.264
22888.494	34.300	1.015	14.806
1/13/2017 7:35:00 PM	164100.000	73.698	17.993
167.981	29156.865	33662.246	21.266
22890.330	34.297	1.015	14.808
1/13/2017 7:40:00 PM	164400.000	73.694	17.993
167.971	29152.854	33657.422	21.262
22887.049	34.302	1.015	14.809
1/13/2017 7:45:00 PM	164700.000	73.691	17.993
167.965	29151.400	33655.742	21.261
22885.906	34.304	1.015	14.811
1/13/2017 7:50:00 PM	165000.000	73.683	17.993
167.947	29136.613	33638.617	21.249
22874.260	34.321	1.015	14.813

1/13/2017 7:55:00 PM	165300.000	73.689	17.993
167.961	29144.500	33647.777	21.255
22880.490	34.312	1.015	14.815
1/13/2017 8:00:00 PM	165600.000	73.691	17.993
167.964	29142.857	33646.074	21.254
22879.332	34.314	1.015	14.817
1/13/2017 8:05:00 PM	165900.000	73.691	17.992
167.965	29135.814	33638.141	21.249
22873.936	34.322	1.015	14.815
1/13/2017 8:10:00 PM	166200.000	73.691	17.993
167.965	29146.826	33650.336	21.257
22882.229	34.309	1.015	14.813
1/13/2017 8:15:00 PM	166500.000	73.695	17.992
167.974	29140.359	33643.320	21.252
22877.461	34.317	1.015	14.810
1/13/2017 8:20:00 PM	166800.000	73.693	17.993
167.969	29141.932	33644.563	21.253
22878.303	34.315	1.015	14.813
1/13/2017 8:25:00 PM	167100.000	73.697	17.993
167.977	29152.172	33656.441	21.261
22886.381	34.303	1.015	14.816
1/13/2017 8:30:00 PM	167400.000	73.695	17.993
167.973	29153.270	33657.711	21.262
22887.246	34.301	1.015	14.819
1/13/2017 8:35:00 PM	167700.000	73.695	17.993
167.974	29139.668	33642.391	21.252
22876.828	34.317	1.015	14.821
1/13/2017 8:40:00 PM	168000.000	73.697	17.993
167.978	29133.057	33634.758	21.246
22871.635	34.325	1.015	14.822
1/13/2017 8:45:00 PM	168300.000	73.690	17.993
167.961	29156.465	33661.855	21.265
22890.064	34.298	1.015	14.824
1/13/2017 8:50:00 PM	168600.000	73.693	17.993
167.970	29147.008	33650.938	21.258
22882.639	34.309	1.015	14.826
1/13/2017 8:55:00 PM	168900.000	73.695	17.993
167.974	29142.129	33645.039	21.254
22878.627	34.315	1.015	14.828
1/13/2017 9:00:00 PM	169200.000	73.697	17.993
167.979	29163.391	33669.660	21.271
22895.371	34.290	1.015	14.830
1/13/2017 9:05:00 PM	169500.000	73.692	17.993
167.967	29135.918	33638.000	21.249
22873.840	34.322	1.015	14.831
1/13/2017 9:10:00 PM	169800.000	73.699	17.993
167.982	29159.293	33664.984	21.267
22892.191	34.294	1.015	14.832
1/13/2017 9:15:00 PM	170100.000	73.696	17.993
167.977	29131.137	33632.293	21.245
22869.961	34.328	1.015	14.833
1/13/2017 9:20:00 PM	170400.000	73.703	17.993
167.993	29153.713	33658.164	21.263
22887.555	34.301	1.015	14.832
1/13/2017 9:25:00 PM	170700.000	73.707	17.993

168.000	29145.801	33649.352	21.257
22881.559	34.310	1.015	14.831
1/13/2017 9:30:00 PM	171000.000	73.708	17.993
168.004	29146.516	33650.105	21.257
22882.072	34.309	1.015	14.830
1/13/2017 9:35:00 PM	171300.000	73.711	17.993
168.009	29146.047	33649.563	21.257
22881.705	34.310	1.015	14.831
1/13/2017 9:40:00 PM	171600.000	73.713	17.993
168.014	29140.900	33643.496	21.252
22877.578	34.316	1.015	14.833
1/13/2017 9:45:00 PM	171900.000	73.714	17.993
168.018	29130.641	33631.852	21.244
22869.662	34.328	1.015	14.834
1/13/2017 9:50:00 PM	172200.000	73.714	17.993
168.016	29155.225	33660.035	21.264
22888.824	34.299	1.015	14.835
1/13/2017 9:55:00 PM	172500.000	73.719	17.993
168.027	29162.316	33668.289	21.270
22894.438	34.291	1.015	14.835
1/13/2017 10:00:00 PM	172800.000	73.713	17.993
168.015	29136.020	33638.059	21.249
22873.883	34.322	1.015	14.836
1/13/2017 10:05:00 PM	173100.000	73.721	17.992
168.032	29139.725	33642.656	21.252
22877.006	34.317	1.015	14.835
1/13/2017 10:10:00 PM	173400.000	73.724	17.993
168.041	29153.711	33658.484	21.263
22887.770	34.301	1.015	14.833
1/13/2017 10:15:00 PM	173700.000	73.733	17.992
168.060	29143.506	33647.020	21.255
22879.975	34.313	1.015	14.831
1/13/2017 10:20:00 PM	174000.000	73.736	17.993
168.066	29151.979	33656.676	21.262
22886.539	34.303	1.015	14.833
1/13/2017 10:25:00 PM	174300.000	73.733	17.993
168.061	29142.309	33645.438	21.254
22878.898	34.314	1.015	14.834
1/13/2017 10:30:00 PM	174600.000	73.733	17.993
168.060	29166.125	33672.742	21.273
22897.467	34.286	1.015	14.836
1/13/2017 10:35:00 PM	174900.000	73.739	17.993
168.074	29157.285	33662.730	21.266
22890.658	34.297	1.015	14.836
1/13/2017 10:40:00 PM	175200.000	73.747	17.993
168.092	29148.430	33652.188	21.259
22883.490	34.307	1.015	14.835
1/13/2017 10:45:00 PM	175500.000	73.740	17.993
168.077	29144.000	33647.008	21.255
22879.967	34.312	1.015	14.835
1/13/2017 10:50:00 PM	175800.000	73.744	17.993
168.086	29143.887	33647.199	21.255
22880.096	34.313	1.015	14.834
1/13/2017 10:55:00 PM	176100.000	73.755	17.993
168.110	29140.719	33643.676	21.253

22877.701	34.316	1.015	14.833
1/13/2017 11:00:00 PM	176400.000	73.757	17.993
168.115	29147.354	33651.145	21.258
22882.779	34.308	1.015	14.832
1/13/2017 11:05:00 PM	176700.000	73.754	17.992
168.109	29155.063	33660.625	21.264
22889.225	34.299	1.015	14.832
1/13/2017 11:10:00 PM	177000.000	73.759	17.993
168.120	29150.158	33654.063	21.260
22884.766	34.305	1.015	14.833
1/13/2017 11:15:00 PM	177300.000	73.763	17.993
168.129	29133.658	33635.203	21.247
22871.939	34.325	1.015	14.833
1/13/2017 11:20:00 PM	177600.000	73.762	17.993
168.127	29163.352	33669.348	21.270
22895.156	34.290	1.015	14.834
1/13/2017 11:25:00 PM	177900.000	73.765	17.993
168.133	29141.496	33644.383	21.253
22878.182	34.315	1.015	14.835
1/13/2017 11:30:00 PM	178200.000	73.766	17.993
168.135	29154.691	33659.418	21.264
22888.404	34.300	1.015	14.836
1/13/2017 11:35:00 PM	178500.000	73.772	17.993
168.148	29152.578	33657.102	21.262
22886.832	34.302	1.015	14.835
1/13/2017 11:40:00 PM	178800.000	73.775	17.992
168.156	29160.861	33667.059	21.269
22893.600	34.293	1.015	14.834
1/13/2017 11:45:00 PM	179100.000	73.780	17.993
168.167	29161.932	33667.848	21.269
22894.139	34.291	1.015	14.833
1/13/2017 11:50:00 PM	179400.000	73.777	17.993
168.160	29148.953	33652.992	21.259
22884.037	34.307	1.015	14.831
1/13/2017 11:55:00 PM	179700.000	73.780	17.993
168.168	29156.969	33661.926	21.265
22890.109	34.297	1.015	14.829
1/14/2017 12:00:00 AM	180000.000	73.786	17.993
168.181	29140.533	33643.004	21.252
22877.242	34.316	1.015	14.828
1/14/2017 12:05:00 AM	180300.000	73.788	17.993
168.187	29143.451	33646.316	21.254
22879.498	34.313	1.015	14.829
1/14/2017 12:10:00 AM	180600.000	73.792	17.992
168.195	29141.631	33644.789	21.253
22878.459	34.315	1.015	14.830
1/14/2017 12:15:00 AM	180900.000	73.793	17.993
168.198	29148.207	33652.000	21.258
22883.359	34.307	1.015	14.831
1/14/2017 12:20:00 AM	181200.000	73.787	17.993
168.184	29155.092	33659.758	21.264
22888.635	34.299	1.015	14.832
1/14/2017 12:25:00 AM	181500.000	73.791	17.993
168.192	29137.523	33639.723	21.250
22875.014	34.320	1.015	14.833

1/14/2017 12:30:00 AM	181800.000	73.795	17.993
168.202	29158.459	33664.160	21.267
22891.631	34.295	1.015	14.834
1/14/2017 12:35:00 AM	182100.000	73.795	17.993
168.202	29135.361	33637.418	21.248
22873.445	34.323	1.015	14.832
1/14/2017 12:40:00 AM	182400.000	73.801	17.993
168.215	29149.865	33653.914	21.260
22884.662	34.305	1.015	14.830
1/14/2017 12:45:00 AM	182700.000	73.804	17.993
168.222	29153.451	33658.109	21.263
22887.514	34.301	1.015	14.829
1/14/2017 12:50:00 AM	183000.000	73.803	17.993
168.219	29153.359	33658.137	21.263
22887.535	34.301	1.015	14.830
1/14/2017 12:55:00 AM	183300.000	73.802	17.993
168.217	29130.301	33631.383	21.244
22869.342	34.329	1.015	14.832
1/14/2017 1:00:00 AM	183600.000	73.800	17.993
168.214	29161.574	33667.680	21.269
22894.021	34.292	1.015	14.834
1/14/2017 1:05:00 AM	183900.000	73.806	17.993
168.227	29147.859	33651.656	21.258
22883.127	34.308	1.015	14.833
1/14/2017 1:10:00 AM	184200.000	73.809	17.993
168.235	29151.576	33656.137	21.261
22886.176	34.303	1.015	14.832
1/14/2017 1:15:00 AM	184500.000	73.810	17.993
168.236	29156.086	33661.344	21.265
22889.715	34.298	1.015	14.830
1/14/2017 1:20:00 AM	184800.000	73.815	17.993
168.248	29145.941	33649.250	21.256
22881.490	34.310	1.015	14.828
1/14/2017 1:25:00 AM	185100.000	73.817	17.993
168.252	29166.410	33672.879	21.273
22897.561	34.286	1.015	14.826
1/14/2017 1:30:00 AM	185400.000	73.816	17.993
168.249	29149.246	33653.063	21.259
22884.082	34.306	1.015	14.824
1/14/2017 1:35:00 AM	185700.000	73.813	17.993
168.244	29146.863	33650.578	21.257
22882.393	34.309	1.015	14.827
1/14/2017 1:40:00 AM	186000.000	73.820	17.993
168.258	29138.443	33640.977	21.251
22875.865	34.319	1.015	14.829
1/14/2017 1:45:00 AM	186300.000	73.816	17.993
168.248	29151.164	33655.664	21.261
22885.854	34.304	1.015	14.831
1/14/2017 1:50:00 AM	186600.000	73.795	17.993
168.200	29154.588	33659.555	21.264
22888.498	34.300	1.015	14.831
1/14/2017 1:55:00 AM	186900.000	73.814	17.993
168.245	29143.910	33647.098	21.255
22880.027	34.312	1.015	14.830
1/14/2017 2:00:00 AM	187200.000	73.818	17.993

168.254	29142.859	33645.828	21.254
22879.166	34.314	1.015	14.830
1/14/2017 2:05:00 AM	187500.000	73.821	17.993
168.261	29147.430	33650.773	21.258
22882.527	34.308	1.015	14.830
1/14/2017 2:10:00 AM	187800.000	73.824	17.993
168.269	29144.234	33647.414	21.255
22880.244	34.312	1.015	14.829
1/14/2017 2:15:00 AM	188100.000	73.825	17.993
168.270	29156.500	33661.633	21.265
22889.912	34.298	1.015	14.828
1/14/2017 2:20:00 AM	188400.000	73.820	17.993
168.259	29157.832	33663.242	21.266
22891.006	34.296	1.015	14.828
1/14/2017 2:25:00 AM	188700.000	73.818	17.993
168.255	29157.422	33662.770	21.266
22890.684	34.297	1.015	14.828
1/14/2017 2:30:00 AM	189000.000	73.827	17.993
168.274	29138.891	33640.980	21.251
22875.867	34.318	1.015	14.828
1/14/2017 2:35:00 AM	189300.000	73.822	17.993
168.262	29162.625	33668.512	21.270
22894.588	34.290	1.015	14.829
1/14/2017 2:40:00 AM	189600.000	73.819	17.993
168.257	29132.920	33634.352	21.246
22871.361	34.325	1.015	14.831
1/14/2017 2:45:00 AM	189900.000	73.818	17.993
168.254	29144.094	33647.438	21.255
22880.258	34.312	1.015	14.832
1/14/2017 2:50:00 AM	190200.000	73.827	17.993
168.276	29159.293	33664.984	21.267
22892.191	34.294	1.015	14.831
1/14/2017 2:55:00 AM	190500.000	73.823	17.993
168.265	29148.262	33651.926	21.258
22883.313	34.307	1.015	14.831
1/14/2017 3:00:00 AM	190800.000	73.821	17.993
168.260	29152.217	33656.438	21.261
22886.377	34.303	1.015	14.830
1/14/2017 3:05:00 AM	191100.000	73.818	17.993
168.253	29161.813	33667.707	21.269
22894.043	34.291	1.015	14.833
1/14/2017 3:10:00 AM	191400.000	73.818	17.993
168.255	29141.309	33644.168	21.253
22878.037	34.316	1.015	14.836
1/14/2017 3:15:00 AM	191700.000	73.810	17.993
168.235	29135.111	33637.066	21.248
22873.207	34.323	1.015	14.839
1/14/2017 3:20:00 AM	192000.000	73.814	17.993
168.246	29145.998	33649.637	21.257
22881.756	34.310	1.015	14.834
1/14/2017 3:25:00 AM	192300.000	73.814	17.993
168.246	29141.996	33645.016	21.254
22878.613	34.315	1.015	14.829
1/14/2017 3:30:00 AM	192600.000	73.825	17.993
168.269	29153.883	33658.484	21.263

22887.770	34.301	1.015	14.825
1/14/2017 3:35:00 AM	192900.000	73.827	17.993
168.275	29143.092	33646.152	21.254
22879.385	34.313	1.015	14.826
1/14/2017 3:40:00 AM	193200.000	73.821	17.993
168.261	29158.287	33663.770	21.267
22891.365	34.296	1.015	14.828
1/14/2017 3:45:00 AM	193500.000	73.815	17.993
168.248	29151.215	33655.660	21.261
22885.852	34.304	1.015	14.829
1/14/2017 3:50:00 AM	193800.000	73.798	17.993
168.208	29141.354	33644.273	21.253
22878.107	34.315	1.015	14.829
1/14/2017 3:55:00 AM	194100.000	73.812	17.992
168.240	29149.150	33653.605	21.259
22884.453	34.306	1.015	14.829
1/14/2017 4:00:00 AM	194400.000	73.815	17.993
168.248	29153.129	33657.813	21.262
22887.314	34.302	1.015	14.828
1/14/2017 4:05:00 AM	194700.000	73.814	17.993
168.245	29150.484	33654.563	21.260
22885.105	34.305	1.015	14.830
1/14/2017 4:10:00 AM	195000.000	73.812	17.993
168.240	29144.959	33648.500	21.256
22880.980	34.311	1.015	14.831
1/14/2017 4:15:00 AM	195300.000	73.812	17.993
168.240	29153.723	33658.500	21.263
22887.781	34.301	1.015	14.832
1/14/2017 4:20:00 AM	195600.000	73.809	17.993
168.234	29130.820	33631.734	21.244
22869.582	34.328	1.015	14.835
1/14/2017 4:25:00 AM	195900.000	73.806	17.993
168.226	29161.047	33667.148	21.269
22893.664	34.292	1.015	14.837
1/14/2017 4:30:00 AM	196200.000	73.800	17.993
168.213	29140.586	33643.387	21.252
22877.504	34.316	1.015	14.840
1/14/2017 4:35:00 AM	196500.000	73.801	17.992
168.216	29163.129	33669.609	21.271
22895.334	34.290	1.015	14.836
1/14/2017 4:40:00 AM	196800.000	73.806	17.993
168.227	29153.676	33658.563	21.263
22887.822	34.301	1.015	14.833
1/14/2017 4:45:00 AM	197100.000	73.811	17.993
168.239	29154.904	33659.598	21.264
22888.529	34.300	1.015	14.829
1/14/2017 4:50:00 AM	197400.000	73.809	17.993
168.234	29143.635	33646.969	21.255
22879.939	34.313	1.015	14.832
1/14/2017 4:55:00 AM	197700.000	73.806	17.993
168.228	29152.760	33657.578	21.262
22887.156	34.302	1.015	14.834
1/14/2017 5:00:00 AM	198000.000	73.803	17.993
168.220	29147.834	33651.570	21.258
22883.070	34.308	1.015	14.837

1/14/2017 5:05:00 AM	198300.000	73.804	17.993
168.221	29141.486	33644.371	21.253
22878.174	34.315	1.015	14.833
1/14/2017 5:10:00 AM	198600.000	73.804	17.993
168.223	29157.059	33662.027	21.265
22890.180	34.297	1.015	14.828
1/14/2017 5:15:00 AM	198900.000	73.808	17.992
168.231	29149.971	33654.418	21.260
22885.004	34.305	1.015	14.824
1/14/2017 5:20:00 AM	199200.000	73.804	17.993
168.223	29137.109	33639.438	21.250
22874.818	34.320	1.015	14.829
1/14/2017 5:25:00 AM	199500.000	73.803	17.993
168.220	29153.631	33658.512	21.263
22887.791	34.301	1.015	14.834
1/14/2017 5:30:00 AM	199800.000	73.793	17.993
168.197	29142.490	33645.332	21.254
22878.828	34.314	1.015	14.838
1/14/2017 5:35:00 AM	200100.000	73.795	17.992
168.202	29153.080	33658.074	21.263
22887.492	34.302	1.015	14.834
1/14/2017 5:40:00 AM	200400.000	73.805	17.993
168.224	29145.592	33649.305	21.257
22881.529	34.311	1.015	14.829
1/14/2017 5:45:00 AM	200700.000	73.806	17.993
168.227	29146.830	33650.660	21.257
22882.449	34.309	1.015	14.825
1/14/2017 5:50:00 AM	201000.000	73.806	17.993
168.226	29151.799	33656.332	21.261
22886.309	34.303	1.015	14.826
1/14/2017 5:55:00 AM	201300.000	73.805	17.993
168.225	29149.844	33653.891	21.260
22884.646	34.306	1.015	14.826
1/14/2017 6:00:00 AM	201600.000	73.805	17.993
168.224	29159.383	33664.961	21.267
22892.176	34.294	1.015	14.827
1/14/2017 6:05:00 AM	201900.000	73.803	17.993
168.219	29157.566	33663.129	21.266
22890.928	34.296	1.015	14.826
1/14/2017 6:10:00 AM	202200.000	73.801	17.993
168.214	29167.061	33673.438	21.273
22897.938	34.285	1.015	14.826
1/14/2017 6:15:00 AM	202500.000	73.806	17.993
168.226	29156.039	33661.293	21.265
22889.682	34.298	1.015	14.826
1/14/2017 6:20:00 AM	202800.000	73.807	17.993
168.229	29140.934	33643.789	21.253
22877.779	34.316	1.015	14.826
1/14/2017 6:25:00 AM	203100.000	73.806	17.993
168.226	29121.682	33621.109	21.237
22862.355	34.339	1.015	14.827
1/14/2017 6:30:00 AM	203400.000	73.800	17.993
168.214	29146.738	33650.168	21.257
22882.117	34.309	1.015	14.827
1/14/2017 6:35:00 AM	203700.000	73.803	17.993

168.220	29137.666	33640.152	21.250
22875.305	34.320	1.015	14.825
1/14/2017 6:40:00 AM	204000.000	73.802	17.993
168.218	29137.840	33639.641	21.250
22874.957	34.320	1.015	14.823
1/14/2017 6:45:00 AM	204300.000	73.810	17.993
168.235	29144.959	33648.574	21.256
22881.033	34.311	1.015	14.822
1/14/2017 6:50:00 AM	204600.000	73.790	17.993
168.189	29140.717	33643.676	21.253
22877.701	34.316	1.015	14.825
1/14/2017 6:55:00 AM	204900.000	73.804	17.992
168.222	29151.762	33656.551	21.262
22886.455	34.303	1.015	14.828
1/14/2017 7:00:00 AM	205200.000	73.800	17.993
168.212	29137.574	33639.855	21.250
22875.104	34.320	1.015	14.832
1/14/2017 7:05:00 AM	205500.000	73.801	17.993
168.215	29149.158	33652.906	21.259
22883.979	34.306	1.015	14.831
1/14/2017 7:10:00 AM	205800.000	73.803	17.993
168.219	29149.887	33653.805	21.260
22884.588	34.305	1.015	14.831
1/14/2017 7:15:00 AM	206100.000	73.802	17.993
168.217	29139.668	33642.145	21.252
22876.660	34.317	1.015	14.830
1/14/2017 7:20:00 AM	206400.000	73.806	17.993
168.227	29167.008	33673.570	21.273
22898.029	34.285	1.015	14.830
1/14/2017 7:25:00 AM	206700.000	73.807	17.993
168.230	29143.770	33647.125	21.255
22880.047	34.313	1.015	14.829
1/14/2017 7:30:00 AM	207000.000	73.809	17.993
168.233	29157.281	33662.605	21.266
22890.574	34.297	1.015	14.829
1/14/2017 7:35:00 AM	207300.000	73.810	17.993
168.237	29164.811	33671.227	21.272
22896.436	34.288	1.015	14.828
1/14/2017 7:40:00 AM	207600.000	73.810	17.992
168.236	29145.820	33649.758	21.257
22881.838	34.310	1.015	14.828
1/14/2017 7:45:00 AM	207900.000	73.814	17.993
168.244	29155.010	33659.664	21.264
22888.572	34.299	1.015	14.827
1/14/2017 7:50:00 AM	208200.000	73.821	17.993
168.261	29143.271	33646.551	21.255
22879.656	34.313	1.015	14.827
1/14/2017 7:55:00 AM	208500.000	73.813	17.993
168.243	29157.176	33662.285	21.266
22890.354	34.297	1.015	14.828
1/14/2017 8:00:00 AM	208800.000	73.840	17.993
168.304	29144.592	33647.691	21.255
22880.430	34.312	1.015	14.829
1/14/2017 8:05:00 AM	209100.000	73.819	17.993
168.256	29141.178	33643.496	21.252

22877.578	34.316	1.015	14.828
1/14/2017 8:10:00 AM	209400.000	73.822	17.993
168.262	29142.398	33645.102	21.254
22878.672	34.314	1.015	14.827
1/14/2017 8:15:00 AM	209700.000	73.821	17.993
168.262	29146.197	33649.809	21.257
22881.871	34.310	1.015	14.826
1/14/2017 8:20:00 AM	210000.000	73.823	17.993
168.265	29141.527	33644.098	21.253
22877.986	34.315	1.015	14.828
1/14/2017 8:25:00 AM	210300.000	73.826	17.993
168.273	29146.498	33649.637	21.257
22881.756	34.309	1.015	14.830
1/14/2017 8:30:00 AM	210600.000	73.826	17.993
168.272	29160.193	33666.086	21.268
22892.941	34.293	1.015	14.832
1/14/2017 8:35:00 AM	210900.000	73.828	17.993
168.277	29157.014	33661.840	21.265
22890.053	34.297	1.015	14.833
1/14/2017 8:40:00 AM	211200.000	73.828	17.993
168.277	29147.014	33650.680	21.257
22882.463	34.309	1.015	14.834
1/14/2017 8:45:00 AM	211500.000	73.831	17.993
168.283	29142.357	33645.305	21.254
22878.807	34.314	1.015	14.835
1/14/2017 8:50:00 AM	211800.000	73.831	17.993
168.283	29145.051	33648.488	21.256
22880.975	34.311	1.015	14.836
1/14/2017 8:55:00 AM	212100.000	73.837	17.993
168.298	29153.941	33658.621	21.263
22887.865	34.301	1.015	14.837
1/14/2017 9:00:00 AM	212400.000	73.840	17.993
168.305	29147.375	33651.363	21.258
22882.930	34.308	1.015	14.838
1/14/2017 9:05:00 AM	212700.000	73.839	17.992
168.302	29140.227	33643.359	21.252
22877.484	34.317	1.015	14.838
1/14/2017 9:10:00 AM	213000.000	73.839	17.992
168.302	29156.416	33661.859	21.265
22890.066	34.298	1.015	14.838
1/14/2017 9:15:00 AM	213300.000	73.846	17.992
168.319	29155.115	33660.355	21.264
22889.041	34.299	1.015	14.838
1/14/2017 9:20:00 AM	213600.000	73.848	17.993
168.322	29155.391	33660.617	21.264
22889.221	34.299	1.015	14.840
1/14/2017 9:25:00 AM	213900.000	73.853	17.993
168.333	29170.674	33677.801	21.276
22900.906	34.281	1.015	14.841
1/14/2017 9:30:00 AM	214200.000	73.848	17.993
168.322	29136.467	33638.633	21.249
22874.273	34.321	1.015	14.843
1/14/2017 9:35:00 AM	214500.000	73.851	17.993
168.329	29150.971	33655.191	21.261
22885.533	34.304	1.015	14.843

1/14/2017 9:40:00 AM	214800.000	73.858	17.993
168.344	29145.342	33648.941	21.256
22881.283	34.311	1.015	14.843
1/14/2017 9:45:00 AM	215100.000	73.856	17.993
168.342	29147.701	33651.090	21.258
22882.744	34.308	1.015	14.843
1/14/2017 9:50:00 AM	215400.000	73.858	17.993
168.344	29145.100	33648.543	21.256
22881.010	34.311	1.015	14.843
1/14/2017 9:55:00 AM	215700.000	73.856	17.993
168.340	29139.535	33642.238	21.252
22876.725	34.318	1.015	14.843
1/14/2017 10:00:00 AM	216000.000	73.864	17.993
168.358	29164.545	33670.727	21.271
22896.096	34.288	1.015	14.844
1/14/2017 10:05:00 AM	216300.000	73.871	17.993
168.375	29140.680	33643.313	21.252
22877.455	34.316	1.015	14.840
1/14/2017 10:10:00 AM	216600.000	73.876	17.993
168.386	29147.346	33651.063	21.258
22882.723	34.308	1.015	14.837
1/14/2017 10:15:00 AM	216900.000	73.877	17.993
168.387	29147.596	33651.426	21.258
22882.973	34.308	1.015	14.834
1/14/2017 10:20:00 AM	217200.000	73.881	17.993
168.398	29150.158	33654.184	21.260
22884.848	34.305	1.015	14.833
1/14/2017 10:25:00 AM	217500.000	73.887	17.993
168.411	29138.295	33640.688	21.251
22875.670	34.319	1.015	14.833
1/14/2017 10:30:00 AM	217800.000	73.883	17.993
168.401	29127.441	33628.027	21.242
22867.061	34.332	1.015	14.833
1/14/2017 10:35:00 AM	218100.000	73.888	17.993
168.415	29132.783	33634.324	21.246
22871.342	34.326	1.015	14.833
1/14/2017 10:40:00 AM	218400.000	73.893	17.993
168.425	29152.615	33657.020	21.262
22886.773	34.302	1.015	14.832
1/14/2017 10:45:00 AM	218700.000	73.890	17.993
168.418	29143.539	33646.543	21.255
22879.652	34.313	1.015	14.831
1/14/2017 10:50:00 AM	219000.000	73.896	17.993
168.432	29138.521	33640.555	21.250
22875.580	34.319	1.015	14.830
1/14/2017 10:55:00 AM	219300.000	73.904	17.994
168.449	29154.406	33658.508	21.263
22887.787	34.300	1.015	14.829
1/14/2017 11:00:00 AM	219600.000	73.900	17.993
168.441	29162.094	33668.035	21.270
22894.264	34.291	1.015	14.828
1/14/2017 11:05:00 AM	219900.000	73.905	17.993
168.451	29143.869	33647.242	21.255
22880.127	34.313	1.015	14.828
1/14/2017 11:10:00 AM	220200.000	73.905	17.993

168.453	29159.285	33664.848	21.267
22892.098	34.294	1.015	14.828
1/14/2017 11:15:00 AM	220500.000	73.904	17.993
168.450	29143.814	33646.602	21.255
22879.689	34.313	1.015	14.828
1/14/2017 11:20:00 AM	220800.000	73.903	17.993
168.448	29155.682	33660.762	21.264
22889.320	34.299	1.015	14.828
1/14/2017 11:25:00 AM	221100.000	73.907	17.993
168.457	29143.438	33646.227	21.254
22879.436	34.313	1.015	14.827
1/14/2017 11:30:00 AM	221400.000	73.908	17.993
168.458	29138.980	33641.082	21.251
22875.936	34.318	1.015	14.827
1/14/2017 11:35:00 AM	221700.000	73.918	17.993
168.482	29136.264	33638.074	21.249
22873.893	34.321	1.015	14.823
1/14/2017 11:40:00 AM	222000.000	73.917	17.993
168.480	29144.182	33647.539	21.255
22880.328	34.312	1.015	14.819
1/14/2017 11:45:00 AM	222300.000	73.924	17.993
168.495	29151.561	33656.004	21.261
22886.084	34.303	1.015	14.814
1/14/2017 11:50:00 AM	222600.000	73.920	17.994
168.487	29138.824	33640.652	21.251
22875.645	34.318	1.015	14.816
1/14/2017 11:55:00 AM	222900.000	73.917	17.993
168.480	29142.883	33645.984	21.254
22879.271	34.314	1.015	14.817
1/14/2017 12:00:00 PM	223200.000	73.919	17.993
168.484	29148.463	33652.031	21.258
22883.383	34.307	1.015	14.818
1/14/2017 12:05:00 PM	223500.000	73.918	17.994
168.483	29144.777	33647.125	21.255
22880.047	34.311	1.015	14.815
1/14/2017 12:10:00 PM	223800.000	73.921	17.993
168.488	29137.775	33640.086	21.250
22875.260	34.320	1.015	14.813
1/14/2017 12:15:00 PM	224100.000	73.922	17.993
168.491	29147.320	33651.227	21.258
22882.836	34.308	1.015	14.811
1/14/2017 12:20:00 PM	224400.000	73.925	17.993
168.498	29160.436	33665.727	21.268
22892.695	34.293	1.015	14.810
1/14/2017 12:25:00 PM	224700.000	73.927	17.993
168.502	29147.900	33651.254	21.258
22882.854	34.308	1.015	14.810
1/14/2017 12:30:00 PM	225000.000	73.928	17.993
168.504	29148.387	33652.531	21.259
22883.723	34.307	1.015	14.810
1/14/2017 12:35:00 PM	225300.000	73.927	17.993
168.502	29159.885	33665.613	21.268
22892.619	34.294	1.015	14.808
1/14/2017 12:40:00 PM	225600.000	73.930	17.993
168.510	29126.840	33627.195	21.241

22866.494	34.333	1.015	14.806
1/14/2017 12:45:00 PM	225900.000	73.932	17.993
168.513	29153.670	33658.117	21.263
22887.520	34.301	1.015	14.803
1/14/2017 12:50:00 PM	226200.000	73.929	17.993
168.506	29144.369	33647.625	21.255
22880.387	34.312	1.015	14.803
1/14/2017 12:55:00 PM	226500.000	73.922	17.993
168.491	29151.916	33656.215	21.261
22886.229	34.303	1.015	14.802
1/14/2017 1:00:00 PM	226800.000	73.932	17.993
168.513	29150.475	33654.750	21.260
22885.230	34.305	1.015	14.801
1/14/2017 1:05:00 PM	227100.000	73.927	17.993
168.502	29149.652	33653.340	21.259
22884.271	34.306	1.015	14.798
1/14/2017 1:10:00 PM	227400.000	73.931	17.993
168.511	29153.264	33657.969	21.263
22887.420	34.301	1.015	14.796
1/14/2017 1:15:00 PM	227700.000	73.932	17.993
168.513	29151.803	33656.016	21.261
22886.094	34.303	1.015	14.793
1/14/2017 1:20:00 PM	228000.000	73.927	17.993
168.502	29150.258	33654.500	21.260
22885.061	34.305	1.015	14.793
1/14/2017 1:25:00 PM	228300.000	73.927	17.993
168.503	29146.473	33649.734	21.257
22881.820	34.309	1.015	14.794
1/14/2017 1:30:00 PM	228600.000	73.927	17.993
168.502	29162.131	33667.809	21.269
22894.109	34.291	1.015	14.794
1/14/2017 1:35:00 PM	228900.000	73.929	17.993
168.508	29149.848	33653.949	21.260
22884.688	34.305	1.015	14.793
1/14/2017 1:40:00 PM	229200.000	73.927	17.993
168.503	29131.184	33632.668	21.245
22870.217	34.327	1.015	14.793
1/14/2017 1:45:00 PM	229500.000	73.927	17.993
168.502	29136.215	33638.156	21.249
22873.949	34.322	1.015	14.792
1/14/2017 1:50:00 PM	229800.000	73.922	17.993
168.492	29154.781	33659.398	21.264
22888.391	34.300	1.015	14.793
1/14/2017 1:55:00 PM	230100.000	73.921	17.993
168.489	29156.143	33660.832	21.265
22889.365	34.298	1.015	14.794
1/14/2017 2:00:00 PM	230400.000	73.920	17.993
168.487	29140.990	33643.602	21.253
22877.648	34.316	1.015	14.795
1/14/2017 2:05:00 PM	230700.000	73.918	17.993
168.483	29138.475	33640.695	21.251
22875.676	34.319	1.015	14.795
1/14/2017 2:10:00 PM	231000.000	73.914	17.993
168.474	29150.758	33655.133	21.261
22885.490	34.304	1.015	14.795

1/14/2017 2:15:00 PM	231300.000	73.912	17.993
168.468	29155.807	33660.637	21.264
22889.232	34.298	1.015	14.794
1/14/2017 2:20:00 PM	231600.000	73.907	17.993
168.458	29143.842	33646.891	21.255
22879.889	34.313	1.015	14.796
1/14/2017 2:25:00 PM	231900.000	73.909	17.993
168.462	29163.203	33669.313	21.270
22895.135	34.290	1.015	14.797
1/14/2017 2:30:00 PM	232200.000	73.906	17.994
168.455	29154.643	33658.844	21.263
22888.014	34.300	1.015	14.799
1/14/2017 2:35:00 PM	232500.000	73.902	17.994
168.447	29150.367	33654.035	21.260
22884.744	34.305	1.015	14.799
1/14/2017 2:40:00 PM	232800.000	73.897	17.994
168.433	29155.361	33659.801	21.264
22888.664	34.299	1.015	14.800
1/14/2017 2:45:00 PM	233100.000	73.892	17.993
168.422	29155.592	33660.457	21.264
22889.113	34.299	1.015	14.801
1/14/2017 2:50:00 PM	233400.000	73.893	17.993
168.425	29131.055	33632.254	21.245
22869.934	34.328	1.015	14.798
1/14/2017 2:55:00 PM	233700.000	73.897	17.993
168.435	29160.533	33666.363	21.268
22893.127	34.293	1.015	14.796
1/14/2017 3:00:00 PM	234000.000	73.893	17.993
168.425	29151.918	33655.957	21.261
22886.051	34.303	1.015	14.793
1/14/2017 3:05:00 PM	234300.000	73.892	17.993
168.423	29132.756	33634.219	21.246
22871.271	34.326	1.015	14.791
1/14/2017 3:10:00 PM	234600.000	73.891	17.992
168.420	29158.232	33664.090	21.267
22891.582	34.296	1.015	14.788
1/14/2017 3:15:00 PM	234900.000	73.887	17.992
168.411	29153.496	33658.621	21.263
22887.865	34.301	1.015	14.785
1/14/2017 3:20:00 PM	235200.000	73.884	17.993
168.405	29151.152	33655.266	21.261
22885.582	34.304	1.015	14.788
1/14/2017 3:25:00 PM	235500.000	73.881	17.993
168.398	29149.014	33652.934	21.259
22883.994	34.306	1.015	14.791
1/14/2017 3:30:00 PM	235800.000	73.871	17.993
168.376	29141.932	33644.813	21.253
22878.473	34.315	1.015	14.794
1/14/2017 3:35:00 PM	236100.000	73.869	17.993
168.369	29150.266	33654.379	21.260
22884.979	34.305	1.015	14.794
1/14/2017 3:40:00 PM	236400.000	73.865	17.993
168.361	29176.592	33684.637	21.281
22905.555	34.274	1.015	14.794
1/14/2017 3:45:00 PM	236700.000	73.862	17.993

168.355	29152.621	33657.027	21.262
22886.779	34.302	1.015	14.794
1/14/2017 3:50:00 PM	237000.000	73.860	17.993
168.349	29151.502	33655.859	21.261
22885.986	34.304	1.015	14.795
1/14/2017 3:55:00 PM	237300.000	73.852	17.993
168.332	29144.229	33647.539	21.255
22880.328	34.312	1.015	14.796
1/14/2017 4:00:00 PM	237600.000	73.851	17.993
168.330	29158.563	33663.887	21.267
22891.445	34.295	1.015	14.797
1/14/2017 4:05:00 PM	237900.000	73.843	17.993
168.311	29153.365	33658.012	21.263
22887.449	34.301	1.015	14.797
1/14/2017 4:10:00 PM	238200.000	73.843	17.992
168.311	29144.498	33648.098	21.256
22880.709	34.312	1.015	14.797
1/14/2017 4:15:00 PM	238500.000	73.838	17.993
168.299	29145.779	33649.520	21.257
22881.676	34.310	1.015	14.796
1/14/2017 4:20:00 PM	238800.000	73.832	17.993
168.286	29140.828	33643.289	21.252
22877.439	34.316	1.015	14.799
1/14/2017 4:25:00 PM	239100.000	73.827	17.993
168.274	29141.352	33644.410	21.253
22878.201	34.315	1.015	14.802
1/14/2017 4:30:00 PM	239400.000	73.817	17.993
168.251	29142.182	33644.777	21.253
22878.451	34.315	1.015	14.805
1/14/2017 4:35:00 PM	239700.000	73.816	17.993
168.249	29164.506	33670.875	21.272
22896.197	34.288	1.015	14.803
1/14/2017 4:40:00 PM	240000.000	73.814	17.993
168.246	29153.219	33657.395	21.262
22887.029	34.302	1.015	14.802
1/14/2017 4:45:00 PM	240300.000	73.811	17.993
168.237	29156.633	33661.730	21.265
22889.979	34.298	1.015	14.800
1/14/2017 4:50:00 PM	240600.000	73.810	17.993
168.235	29159.438	33664.773	21.267
22892.049	34.294	1.015	14.801
1/14/2017 4:55:00 PM	240900.000	73.807	17.993
168.229	29151.707	33655.973	21.261
22886.064	34.303	1.015	14.803
1/14/2017 5:00:00 PM	241200.000	73.796	17.993
168.204	29142.498	33645.656	21.254
22879.047	34.314	1.015	14.804
1/14/2017 5:05:00 PM	241500.000	73.797	17.993
168.207	29154.488	33659.117	21.263
22888.201	34.300	1.015	14.801
1/14/2017 5:10:00 PM	241800.000	73.794	17.993
168.200	29154.631	33659.473	21.264
22888.443	34.300	1.015	14.798
1/14/2017 5:15:00 PM	242100.000	73.791	17.993
168.193	29136.934	33639.172	21.249

22874.637	34.321	1.015	14.794
1/14/2017 5:20:00 PM	242400.000	73.792	17.993
168.195	29153.721	33658.551	21.263
22887.816	34.301	1.015	14.794
1/14/2017 5:25:00 PM	242700.000	73.781	17.993
168.170	29151.525	33656.078	21.261
22886.133	34.304	1.015	14.795
1/14/2017 5:30:00 PM	243000.000	73.779	17.993
168.164	29149.555	33653.879	21.260
22884.641	34.306	1.015	14.795
1/14/2017 5:35:00 PM	243300.000	73.777	17.993
168.160	29150.342	33654.137	21.260
22884.813	34.305	1.015	14.794
1/14/2017 5:40:00 PM	243600.000	73.777	17.993
168.162	29149.148	33652.820	21.259
22883.918	34.306	1.015	14.792
1/14/2017 5:45:00 PM	243900.000	73.774	17.993
168.153	29139.721	33642.332	21.252
22876.787	34.317	1.015	14.791
1/14/2017 5:50:00 PM	244200.000	73.769	17.993
168.143	29142.086	33645.063	21.254
22878.643	34.315	1.015	14.793
1/14/2017 5:55:00 PM	244500.000	73.761	17.993
168.124	29152.824	33657.387	21.262
22887.023	34.302	1.015	14.795
1/14/2017 6:00:00 PM	244800.000	73.757	17.993
168.114	29179.961	33688.719	21.284
22908.328	34.270	1.015	14.797
1/14/2017 6:05:00 PM	245100.000	73.753	17.993
168.105	29144.236	33647.602	21.255
22880.371	34.312	1.015	14.799
1/14/2017 6:10:00 PM	245400.000	73.750	17.993
168.099	29140.266	33642.887	21.252
22877.164	34.317	1.015	14.800
1/14/2017 6:15:00 PM	245700.000	73.740	17.993
168.076	29156.018	33660.883	21.265
22889.402	34.298	1.015	14.801
1/14/2017 6:20:00 PM	246000.000	73.744	17.993
168.086	29136.836	33638.680	21.249
22874.305	34.321	1.015	14.799
1/14/2017 6:25:00 PM	246300.000	73.741	17.993
168.079	29155.273	33660.160	21.264
22888.908	34.299	1.015	14.797
1/14/2017 6:30:00 PM	246600.000	73.718	17.993
168.026	29146.998	33650.660	21.257
22882.449	34.309	1.015	14.795
1/14/2017 6:35:00 PM	246900.000	73.739	17.993
168.074	29176.795	33685.008	21.281
22905.805	34.274	1.015	14.797
1/14/2017 6:40:00 PM	247200.000	73.726	17.993
168.045	29147.881	33651.297	21.258
22882.883	34.308	1.015	14.798
1/14/2017 6:45:00 PM	247500.000	73.727	17.993
168.046	29151.523	33655.691	21.261
22885.871	34.304	1.015	14.800

1/14/2017 6:50:00 PM	247800.000	73.729	17.993
168.050	29146.102	33649.570	21.257
22881.711	34.310	1.015	14.797
1/14/2017 6:55:00 PM	248100.000	73.723	17.993
168.036	29150.756	33655.129	21.261
22885.488	34.304	1.015	14.794
1/14/2017 7:00:00 PM	248400.000	73.725	17.993
168.043	29134.102	33635.715	21.247
22872.287	34.324	1.015	14.791
1/14/2017 7:05:00 PM	248700.000	73.726	17.993
168.044	29155.627	33660.496	21.264
22889.137	34.299	1.015	14.791
1/14/2017 7:10:00 PM	249000.000	73.719	17.993
168.029	29143.043	33646.223	21.254
22879.434	34.314	1.015	14.792
1/14/2017 7:15:00 PM	249300.000	73.719	17.993
168.028	29159.738	33665.637	21.268
22892.633	34.294	1.015	14.793
1/14/2017 7:20:00 PM	249600.000	73.712	17.993
168.012	29147.518	33651.262	21.258
22882.857	34.308	1.015	14.794
1/14/2017 7:25:00 PM	249900.000	73.712	17.993
168.011	29183.127	33692.641	21.287
22910.998	34.266	1.015	14.795
1/14/2017 7:30:00 PM	250200.000	73.709	17.993
168.005	29149.336	33653.359	21.259
22884.287	34.306	1.015	14.796
1/14/2017 7:35:00 PM	250500.000	73.703	17.993
167.992	29148.662	33652.527	21.259
22883.721	34.307	1.015	14.794
1/14/2017 7:40:00 PM	250800.000	73.707	17.992
168.002	29143.238	33646.777	21.255
22879.811	34.313	1.015	14.793
1/14/2017 7:45:00 PM	251100.000	73.705	17.993
167.997	29150.008	33654.082	21.260
22884.777	34.305	1.015	14.792
1/14/2017 7:50:00 PM	251400.000	73.704	17.993
167.995	29146.201	33649.684	21.257
22881.787	34.310	1.015	14.792
1/14/2017 7:55:00 PM	251700.000	73.704	17.993
167.994	29151.074	33655.367	21.261
22885.650	34.304	1.015	14.792
1/14/2017 8:00:00 PM	252000.000	73.702	17.993
167.989	29155.457	33659.980	21.264
22888.789	34.299	1.015	14.793
1/14/2017 8:05:00 PM	252300.000	73.702	17.993
167.989	29163.293	33669.152	21.270
22895.025	34.290	1.015	14.797
1/14/2017 8:10:00 PM	252600.000	73.700	17.992
167.984	29140.162	33643.094	21.252
22877.307	34.317	1.015	14.801
1/14/2017 8:15:00 PM	252900.000	73.694	17.993
167.970	29149.291	33653.254	21.259
22884.215	34.306	1.015	14.805
1/14/2017 8:20:00 PM	253200.000	73.693	17.993

167.969	29150.982	33655.262	21.261
22885.580	34.304	1.015	14.801
1/14/2017 8:25:00 PM	253500.000	73.698	17.993
167.979	29141.758	33644.484	21.253
22878.252	34.315	1.015	14.797
1/14/2017 8:30:00 PM	253800.000	73.681	17.993
167.943	29150.168	33654.449	21.260
22885.027	34.305	1.015	14.792
1/14/2017 8:35:00 PM	254100.000	73.700	17.993
167.984	29141.949	33644.641	21.253
22878.357	34.315	1.015	14.794
1/14/2017 8:40:00 PM	254400.000	73.697	17.993
167.978	29158.826	33664.391	21.267
22891.787	34.295	1.015	14.796
1/14/2017 8:45:00 PM	254700.000	73.692	17.993
167.966	29157.451	33662.922	21.266
22890.789	34.297	1.015	14.797
1/14/2017 8:50:00 PM	255000.000	73.700	17.993
167.985	29152.871	33657.250	21.262
22886.930	34.302	1.015	14.795
1/14/2017 8:55:00 PM	255300.000	73.701	17.993
167.987	29142.793	33645.613	21.254
22879.020	34.314	1.015	14.793
1/14/2017 9:00:00 PM	255600.000	73.706	17.993
167.998	29147.098	33650.527	21.257
22882.361	34.309	1.015	14.791
1/14/2017 9:05:00 PM	255900.000	73.704	17.993
167.994	29146.389	33649.711	21.257
22881.803	34.310	1.015	14.794
1/14/2017 9:10:00 PM	256200.000	73.682	17.993
167.944	29149.295	33653.313	21.259
22884.252	34.306	1.015	14.797
1/14/2017 9:15:00 PM	256500.000	73.696	17.993
167.977	29149.660	33654.000	21.260
22884.723	34.306	1.015	14.800
1/14/2017 9:20:00 PM	256800.000	73.696	17.993
167.975	29146.971	33650.820	21.258
22882.559	34.309	1.015	14.798
1/14/2017 9:25:00 PM	257100.000	73.701	17.992
167.987	29150.559	33655.164	21.261
22885.514	34.305	1.015	14.796
1/14/2017 9:30:00 PM	257400.000	73.705	17.993
167.997	29147.971	33651.859	21.258
22883.264	34.308	1.015	14.793
1/14/2017 9:35:00 PM	257700.000	73.707	17.992
168.002	29141.174	33644.262	21.253
22878.100	34.316	1.015	14.793
1/14/2017 9:40:00 PM	258000.000	73.709	17.993
168.005	29143.180	33646.129	21.254
22879.367	34.313	1.015	14.794
1/14/2017 9:45:00 PM	258300.000	73.711	17.993
168.010	29140.574	33643.246	21.252
22877.408	34.316	1.015	14.794
1/14/2017 9:50:00 PM	258600.000	73.708	17.993
168.002	29152.625	33657.156	21.262

22886.867	34.302	1.015	14.793
1/14/2017 9:55:00 PM	258900.000	73.715	17.993
168.018	29132.688	33634.406	21.246
22871.396	34.326	1.015	14.792
1/14/2017 10:00:00 PM	259200.000	73.714	17.993
168.016	29157.879	33663.297	21.266
22891.045	34.296	1.015	14.792
1/14/2017 10:05:00 PM	259500.000	73.721	17.993
168.033	29183.172	33692.367	21.286
22910.813	34.266	1.015	14.792
1/14/2017 10:10:00 PM	259800.000	73.718	17.993
168.026	29143.408	33646.391	21.254
22879.545	34.313	1.015	14.792
1/14/2017 10:15:00 PM	260100.000	73.720	17.993
168.030	29152.770	33657.078	21.262
22886.814	34.302	1.015	14.792
1/14/2017 10:20:00 PM	260400.000	73.727	17.993
168.046	29143.176	33646.191	21.254
22879.412	34.313	1.015	14.793
1/14/2017 10:25:00 PM	260700.000	73.726	17.993
168.045	29151.355	33655.566	21.261
22885.785	34.304	1.015	14.793
1/14/2017 10:30:00 PM	261000.000	73.727	17.993
168.047	29142.541	33645.461	21.254
22878.916	34.314	1.015	14.794
1/14/2017 10:35:00 PM	261300.000	73.726	17.993
168.044	29157.182	33662.609	21.266
22890.576	34.297	1.015	14.795
1/14/2017 10:40:00 PM	261600.000	73.731	17.993
168.055	29149.246	33653.449	21.259
22884.346	34.306	1.015	14.796
1/14/2017 10:45:00 PM	261900.000	73.732	17.993
168.058	29160.148	33665.594	21.268
22892.605	34.293	1.015	14.797
1/14/2017 10:50:00 PM	262200.000	73.737	17.993
168.070	29149.014	33653.117	21.259
22884.121	34.306	1.015	14.795
1/14/2017 10:55:00 PM	262500.000	73.742	17.993
168.081	29147.740	33651.395	21.258
22882.949	34.308	1.015	14.793
1/14/2017 11:00:00 PM	262800.000	73.749	17.993
168.097	29142.291	33645.301	21.254
22878.805	34.314	1.015	14.791
1/14/2017 11:05:00 PM	263100.000	73.746	17.993
168.090	29159.885	33665.539	21.268
22892.566	34.294	1.015	14.792
1/14/2017 11:10:00 PM	263400.000	73.751	17.993
168.102	29152.309	33656.867	21.262
22886.672	34.303	1.015	14.793
1/14/2017 11:15:00 PM	263700.000	73.747	17.993
168.092	29143.686	33646.781	21.255
22879.813	34.313	1.015	14.795
1/14/2017 11:20:00 PM	264000.000	73.746	17.993
168.089	29150.572	33654.863	21.260
22885.307	34.305	1.015	14.795

1/14/2017 11:25:00 PM	264300.000	73.752	17.993
168.103	29130.605	33631.809	21.244
22869.633	34.328	1.015	14.796
1/14/2017 11:30:00 PM	264600.000	73.754	17.993
168.108	29154.574	33659.406	21.264
22888.396	34.300	1.015	14.796
1/14/2017 11:35:00 PM	264900.000	73.755	17.993
168.111	29142.938	33646.238	21.254
22879.441	34.314	1.015	14.798
1/14/2017 11:40:00 PM	265200.000	73.756	17.993
168.114	29160.420	33666.230	21.268
22893.037	34.293	1.015	14.800
1/14/2017 11:45:00 PM	265500.000	73.756	17.993
168.113	29140.471	33642.934	21.252
22877.197	34.317	1.015	14.802
1/14/2017 11:50:00 PM	265800.000	73.763	17.993
168.128	29147.420	33651.094	21.258
22882.746	34.308	1.015	14.800
1/14/2017 11:55:00 PM	266100.000	73.764	17.992
168.130	29173.895	33682.105	21.279
22903.834	34.277	1.015	14.799
1/15/2017 12:00:00 AM	266400.000	73.767	17.993
168.138	29155.830	33660.934	21.265
22889.438	34.298	1.015	14.797
1/15/2017 12:05:00 AM	266700.000	73.769	17.993
168.141	29142.232	33644.910	21.253
22878.539	34.314	1.015	14.798
1/15/2017 12:10:00 AM	267000.000	73.768	17.993
168.139	29146.381	33649.895	21.257
22881.930	34.310	1.015	14.799
1/15/2017 12:15:00 AM	267300.000	73.773	17.993
168.151	29144.369	33647.625	21.255
22880.387	34.312	1.015	14.799
1/15/2017 12:20:00 AM	267600.000	73.772	17.993
168.150	29174.365	33682.199	21.279
22903.898	34.277	1.015	14.798
1/15/2017 12:25:00 AM	267900.000	73.779	17.993
168.165	29162.168	33668.051	21.270
22894.275	34.291	1.015	14.797
1/15/2017 12:30:00 AM	268200.000	73.779	17.993
168.166	29148.662	33652.848	21.259
22883.938	34.307	1.015	14.796
1/15/2017 12:35:00 AM	268500.000	73.791	17.993
168.192	29141.857	33644.918	21.253
22878.545	34.315	1.015	14.794
1/15/2017 12:40:00 AM	268800.000	73.790	17.993
168.190	29162.666	33668.625	21.270
22894.666	34.290	1.015	14.792
1/15/2017 12:45:00 AM	269100.000	73.792	17.993
168.194	29133.850	33635.480	21.247
22872.127	34.324	1.015	14.790
1/15/2017 12:50:00 AM	269400.000	73.794	17.993
168.200	29153.807	33658.465	21.263
22887.756	34.301	1.015	14.791
1/15/2017 12:55:00 AM	269700.000	73.800	17.992

168.212	29147.646	33651.926	21.258
22883.313	34.308	1.015	14.792
1/15/2017 1:00:00 AM	270000.000	73.796	17.992
168.205	29169.338	33676.910	21.276
22900.299	34.283	1.015	14.793
1/15/2017 1:05:00 AM	270300.000	73.779	17.993
168.166	29154.037	33658.863	21.263
22888.029	34.301	1.015	14.794
1/15/2017 1:10:00 AM	270600.000	73.806	17.993
168.228	29157.674	33662.930	21.266
22890.795	34.296	1.015	14.794
1/15/2017 1:15:00 AM	270900.000	73.800	17.993
168.213	29153.457	33658.246	21.263
22887.607	34.301	1.015	14.794
1/15/2017 1:20:00 AM	271200.000	73.806	17.992
168.227	29164.541	33671.238	21.272
22896.443	34.288	1.015	14.792
1/15/2017 1:25:00 AM	271500.000	73.792	17.993
168.194	29147.557	33651.570	21.258
22883.070	34.308	1.015	14.789
1/15/2017 1:30:00 AM	271800.000	73.815	17.993
168.248	29143.938	33647.320	21.255
22880.178	34.312	1.015	14.786
1/15/2017 1:35:00 AM	272100.000	73.812	17.993
168.240	29136.791	33638.949	21.249
22874.486	34.321	1.015	14.789
1/15/2017 1:40:00 AM	272400.000	73.815	17.993
168.248	29132.352	33634.016	21.246
22871.133	34.326	1.015	14.791
1/15/2017 1:45:00 AM	272700.000	73.812	17.993
168.239	29146.447	33649.969	21.257
22881.979	34.309	1.015	14.793
1/15/2017 1:50:00 AM	273000.000	73.816	17.993
168.249	29142.088	33644.938	21.253
22878.559	34.315	1.015	14.793
1/15/2017 1:55:00 AM	273300.000	73.816	17.993
168.249	29151.568	33655.938	21.261
22886.037	34.303	1.015	14.794
1/15/2017 2:00:00 AM	273600.000	73.819	17.993
168.256	29161.529	33667.512	21.269
22893.910	34.292	1.015	14.794
1/15/2017 2:05:00 AM	273900.000	73.821	17.993
168.261	29147.150	33650.516	21.257
22882.354	34.309	1.015	14.792
1/15/2017 2:10:00 AM	274200.000	73.824	17.993
168.267	29153.730	33658.508	21.263
22887.787	34.301	1.015	14.789
1/15/2017 2:15:00 AM	274500.000	73.830	17.993
168.282	29147.086	33650.953	21.258
22882.650	34.309	1.015	14.786
1/15/2017 2:20:00 AM	274800.000	73.828	17.993
168.276	29156.826	33662.008	21.265
22890.168	34.297	1.015	14.790
1/15/2017 2:25:00 AM	275100.000	73.826	17.993
168.272	29153.762	33658.148	21.263

22887.543	34.301	1.015	14.793
1/15/2017 2:30:00 AM	275400.000	73.826	17.993
168.273	29142.129	33644.848	21.253
22878.498	34.315	1.015	14.796
1/15/2017 2:35:00 AM	275700.000	73.825	17.993
168.270	29136.480	33638.395	21.249
22874.111	34.321	1.015	14.797
1/15/2017 2:40:00 AM	276000.000	73.825	17.993
168.269	29161.064	33666.652	21.269
22893.326	34.292	1.015	14.798
1/15/2017 2:45:00 AM	276300.000	73.822	17.993
168.264	29139.324	33641.875	21.251
22876.477	34.318	1.015	14.800
1/15/2017 2:50:00 AM	276600.000	73.825	17.994
168.269	29139.756	33641.727	21.251
22876.375	34.317	1.015	14.798
1/15/2017 2:55:00 AM	276900.000	73.824	17.993
168.268	29135.516	33637.348	21.248
22873.398	34.322	1.015	14.796
1/15/2017 3:00:00 AM	277200.000	73.829	17.993
168.280	29154.381	33659.059	21.263
22888.160	34.300	1.015	14.793
1/15/2017 3:05:00 AM	277500.000	73.827	17.993
168.275	29151.221	33655.535	21.261
22885.766	34.304	1.015	14.795
1/15/2017 3:10:00 AM	277800.000	73.831	17.993
168.283	29155.637	33660.828	21.265
22889.363	34.299	1.015	14.796
1/15/2017 3:15:00 AM	278100.000	73.829	17.993
168.279	29129.748	33631.012	21.244
22869.090	34.329	1.015	14.798
1/15/2017 3:20:00 AM	278400.000	73.823	17.993
168.265	29152.775	33657.461	21.262
22887.076	34.302	1.015	14.797
1/15/2017 3:25:00 AM	278700.000	73.829	17.993
168.279	29133.658	33635.391	21.247
22872.068	34.325	1.015	14.795
1/15/2017 3:30:00 AM	279000.000	73.826	17.992
168.271	29138.568	33641.254	21.251
22876.055	34.319	1.015	14.794
1/15/2017 3:35:00 AM	279300.000	73.831	17.993
168.283	29150.803	33654.930	21.260
22885.354	34.304	1.015	14.793
1/15/2017 3:40:00 AM	279600.000	73.829	17.993
168.280	29149.834	33654.203	21.260
22884.859	34.306	1.015	14.793
1/15/2017 3:45:00 AM	279900.000	73.832	17.993
168.286	29141.902	33644.777	21.253
22878.451	34.315	1.015	14.792
1/15/2017 3:50:00 AM	280200.000	73.828	17.993
168.277	29143.541	33646.938	21.255
22879.920	34.313	1.015	14.794
1/15/2017 3:55:00 AM	280500.000	73.829	17.993
168.280	29151.559	33656.000	21.261
22886.082	34.303	1.015	14.796

1/15/2017 4:00:00 AM	280800.000	73.826	17.992
168.272	29150.070	33654.531	21.260
22885.082	34.305	1.015	14.798
1/15/2017 4:05:00 AM	281100.000	73.824	17.993
168.268	29164.807	33671.027	21.272
22896.299	34.288	1.015	14.798
1/15/2017 4:10:00 AM	281400.000	73.821	17.993
168.260	29138.115	33640.082	21.250
22875.258	34.319	1.015	14.798
1/15/2017 4:15:00 AM	281700.000	73.821	17.993
168.261	29164.910	33671.340	21.272
22896.514	34.288	1.015	14.798
1/15/2017 4:20:00 AM	282000.000	73.828	17.993
168.277	29144.229	33647.340	21.255
22880.191	34.312	1.015	14.795
1/15/2017 4:25:00 AM	282300.000	73.807	17.992
168.228	29137.676	33640.223	21.250
22875.354	34.320	1.015	14.791
1/15/2017 4:30:00 AM	282600.000	73.829	17.993
168.279	29145.643	33649.363	21.257
22881.566	34.310	1.015	14.788
1/15/2017 4:35:00 AM	282900.000	73.826	17.993
168.272	29152.982	33657.320	21.262
22886.980	34.302	1.015	14.789
1/15/2017 4:40:00 AM	283200.000	73.825	17.992
168.269	29144.230	33647.789	21.255
22880.496	34.312	1.015	14.790
1/15/2017 4:45:00 AM	283500.000	73.824	17.993
168.267	29151.074	33655.559	21.261
22885.781	34.304	1.015	14.791
1/15/2017 4:50:00 AM	283800.000	73.826	17.993
168.273	29150.711	33654.891	21.260
22885.326	34.304	1.015	14.790
1/15/2017 4:55:00 AM	284100.000	73.824	17.993
168.268	29151.756	33656.152	21.261
22886.186	34.303	1.015	14.788
1/15/2017 5:00:00 AM	284400.000	73.823	17.993
168.265	29144.277	33647.520	21.255
22880.316	34.312	1.015	14.787
1/15/2017 5:05:00 AM	284700.000	73.826	17.993
168.273	29142.041	33645.066	21.254
22878.645	34.315	1.015	14.789
1/15/2017 5:10:00 AM	285000.000	73.817	17.993
168.251	29157.230	33662.547	21.266
22890.531	34.297	1.015	14.790
1/15/2017 5:15:00 AM	285300.000	73.818	17.992
168.253	29151.244	33656.078	21.261
22886.133	34.304	1.015	14.792
1/15/2017 5:20:00 AM	285600.000	73.795	17.993
168.202	29150.174	33654.457	21.260
22885.033	34.305	1.015	14.791
1/15/2017 5:25:00 AM	285900.000	73.818	17.993
168.255	29136.115	33637.648	21.248
22873.602	34.322	1.015	14.790
1/15/2017 5:30:00 AM	286200.000	73.813	17.993

168.243	29134.215	33635.711	21.247
22872.283	34.324	1.015	14.790
1/15/2017 5:35:00 AM	286500.000	73.812	17.993
168.241	29155.637	33660.250	21.264
22888.971	34.299	1.015	14.790
1/15/2017 5:40:00 AM	286800.000	73.814	17.992
168.244	29152.760	33657.637	21.262
22887.193	34.302	1.015	14.791
1/15/2017 5:45:00 AM	287100.000	73.812	17.992
168.240	29163.221	33669.848	21.271
22895.496	34.290	1.015	14.792
1/15/2017 5:50:00 AM	287400.000	73.812	17.993
168.240	29141.539	33644.234	21.253
22878.080	34.315	1.015	14.790
1/15/2017 5:55:00 AM	287700.000	73.796	17.993
168.204	29161.641	33667.441	21.269
22893.861	34.292	1.015	14.788
1/15/2017 6:00:00 AM	288000.000	73.812	17.993
168.240	29130.707	33631.852	21.244
22869.662	34.328	1.015	14.786
1/15/2017 6:05:00 AM	288300.000	73.813	17.993
168.243	29136.873	33639.102	21.249
22874.592	34.321	1.015	14.788
1/15/2017 6:10:00 AM	288600.000	73.810	17.993
168.235	29145.057	33648.098	21.256
22880.709	34.311	1.015	14.791
1/15/2017 6:15:00 AM	288900.000	73.806	17.992
168.227	29141.311	33644.746	21.253
22878.430	34.316	1.015	14.793
1/15/2017 6:20:00 AM	289200.000	73.789	17.993
168.187	29152.590	33657.383	21.262
22887.021	34.302	1.015	14.793
1/15/2017 6:25:00 AM	289500.000	73.800	17.993
168.213	29150.574	33654.664	21.260
22885.174	34.305	1.015	14.792
1/15/2017 6:30:00 AM	289800.000	73.805	17.992
168.225	29167.303	33674.496	21.274
22898.658	34.285	1.015	14.792
1/15/2017 6:35:00 AM	290100.000	73.806	17.993
168.227	29153.928	33658.340	21.263
22887.672	34.301	1.015	14.790
1/15/2017 6:40:00 AM	290400.000	73.806	17.993
168.227	29161.453	33667.617	21.269
22893.982	34.292	1.015	14.788
1/15/2017 6:45:00 AM	290700.000	73.809	17.993
168.235	29153.121	33657.676	21.262
22887.223	34.302	1.015	14.786
1/15/2017 6:50:00 AM	291000.000	73.810	17.993
168.236	29161.699	33667.707	21.269
22894.043	34.292	1.015	14.787
1/15/2017 6:55:00 AM	291300.000	73.808	17.993
168.231	29142.041	33645.129	21.254
22878.689	34.315	1.015	14.788
1/15/2017 7:00:00 AM	291600.000	73.805	17.993
168.225	29136.115	33637.973	21.249

22873.822	34.322	1.015	14.789
1/15/2017 7:05:00 AM	291900.000	73.803	17.993
168.219	29122.131	33621.758	21.237
22862.797	34.338	1.015	14.789
1/15/2017 7:10:00 AM	292200.000	73.800	17.993
168.213	29156.045	33661.180	21.265
22889.604	34.298	1.015	14.789
1/15/2017 7:15:00 AM	292500.000	73.805	17.993
168.225	29153.902	33658.383	21.263
22887.703	34.301	1.015	14.789
1/15/2017 7:20:00 AM	292800.000	73.803	17.993
168.221	29143.957	33647.148	21.255
22880.063	34.312	1.015	14.788
1/15/2017 7:25:00 AM	293100.000	73.805	17.993
168.224	29149.717	33653.992	21.260
22884.717	34.306	1.015	14.788
1/15/2017 7:30:00 AM	293400.000	73.806	17.993
168.226	29125.443	33625.906	21.240
22865.617	34.334	1.015	14.787
1/15/2017 7:35:00 AM	293700.000	73.803	17.993
168.220	29142.541	33645.590	21.254
22879.004	34.314	1.015	14.787
1/15/2017 7:40:00 AM	294000.000	73.805	17.992
168.224	29154.686	33659.859	21.264
22888.707	34.300	1.015	14.787
1/15/2017 7:45:00 AM	294300.000	73.806	17.993
168.226	29154.527	33659.426	21.264
22888.410	34.300	1.015	14.786
1/15/2017 7:50:00 AM	294600.000	73.804	17.992
168.222	29138.473	33641.141	21.251
22875.979	34.319	1.015	14.789
1/15/2017 7:55:00 AM	294900.000	73.807	17.993
168.229	29150.758	33654.617	21.260
22885.141	34.304	1.015	14.791
1/15/2017 8:00:00 AM	295200.000	73.803	17.993
168.220	29145.539	33648.852	21.256
22881.221	34.311	1.015	14.793
1/15/2017 8:05:00 AM	295500.000	73.805	17.993
168.224	29155.633	33660.758	21.264
22889.316	34.299	1.015	14.793
1/15/2017 8:10:00 AM	295800.000	73.808	17.993
168.231	29182.025	33691.102	21.286
22909.951	34.268	1.015	14.792
1/15/2017 8:15:00 AM	296100.000	73.808	17.993
168.232	29163.486	33669.770	21.271
22895.445	34.289	1.015	14.792
1/15/2017 8:20:00 AM	296400.000	73.808	17.992
168.231	29157.930	33663.605	21.266
22891.252	34.296	1.015	14.793
1/15/2017 8:25:00 AM	296700.000	73.811	17.992
168.239	29155.563	33661.008	21.265
22889.488	34.299	1.015	14.793
1/15/2017 8:30:00 AM	297000.000	73.809	17.993
168.234	29145.506	33649.066	21.256
22881.367	34.311	1.015	14.794

1/15/2017 8:35:00 AM	297300.000	73.811	17.993
168.237	29163.061	33669.148	21.270
22895.023	34.290	1.015	14.795
1/15/2017 8:40:00 AM	297600.000	73.809	17.993
168.233	29141.186	33643.824	21.253
22877.803	34.316	1.015	14.797
1/15/2017 8:45:00 AM	297900.000	73.812	17.992
168.240	29148.207	33652.383	21.259
22883.623	34.307	1.015	14.799
1/15/2017 8:50:00 AM	298200.000	73.813	17.993
168.242	29127.902	33628.422	21.242
22867.326	34.331	1.015	14.800
1/15/2017 8:55:00 AM	298500.000	73.813	17.993
168.243	29152.854	33657.297	21.262
22886.965	34.302	1.015	14.802
1/15/2017 9:00:00 AM	298800.000	73.817	17.993
168.252	29133.561	33635.223	21.247
22871.951	34.325	1.015	14.803
1/15/2017 9:05:00 AM	299100.000	73.810	17.993
168.236	29154.473	33659.484	21.264
22888.451	34.300	1.015	14.803
1/15/2017 9:10:00 AM	299400.000	73.815	17.992
168.247	29140.029	33642.941	21.252
22877.203	34.317	1.015	14.804
1/15/2017 9:15:00 AM	299700.000	73.820	17.993
168.258	29159.932	33665.344	21.268
22892.436	34.294	1.015	14.804
1/15/2017 9:20:00 AM	300000.000	73.823	17.993
168.266	29144.461	33647.348	21.255
22880.197	34.312	1.015	14.804
1/15/2017 9:25:00 AM	300300.000	73.821	17.992
168.261	29139.396	33642.207	21.252
22876.701	34.318	1.015	14.803
1/15/2017 9:30:00 AM	300600.000	73.825	17.993
168.269	29143.814	33646.539	21.255
22879.648	34.313	1.015	14.803
1/15/2017 9:35:00 AM	300900.000	73.824	17.993
168.269	29144.229	33647.406	21.255
22880.238	34.312	1.015	14.804
1/15/2017 9:40:00 AM	301200.000	73.832	17.994
168.285	29154.914	33659.156	21.263
22888.227	34.300	1.015	14.805
1/15/2017 9:45:00 AM	301500.000	73.835	17.993
168.292	29159.973	33665.715	21.268
22892.688	34.294	1.015	14.806
1/15/2017 9:50:00 AM	301800.000	73.835	17.993
168.292	29142.313	33645.520	21.254
22878.953	34.314	1.015	14.806
1/15/2017 9:55:00 AM	302100.000	73.837	17.993
168.298	29129.705	33630.824	21.244
22868.961	34.329	1.015	14.806
1/15/2017 10:00:00 AM	302400.000	73.836	17.993
168.296	29147.646	33651.410	21.258
22882.959	34.308	1.015	14.806
1/15/2017 10:05:00 AM	302700.000	73.845	17.993

168.316	29135.924	33637.949	21.249
22873.809	34.322	1.015	14.808
1/15/2017 10:10:00 AM	303000.000	73.839	17.993
168.301	29155.859	33661.156	21.265
22889.588	34.298	1.015	14.810
1/15/2017 10:15:00 AM	303300.000	73.837	17.993
168.296	29148.541	33652.570	21.259
22883.748	34.307	1.015	14.812
1/15/2017 10:20:00 AM	303600.000	73.843	17.993
168.310	29172.477	33679.828	21.278
22902.285	34.279	1.015	14.813
1/15/2017 10:25:00 AM	303900.000	73.846	17.993
168.317	29120.627	33620.344	21.236
22861.836	34.340	1.015	14.814
1/15/2017 10:30:00 AM	304200.000	73.841	17.993
168.306	29141.033	33643.453	21.252
22877.551	34.316	1.015	14.814
1/15/2017 10:35:00 AM	304500.000	73.846	17.993
168.317	29121.029	33620.680	21.237
22862.064	34.339	1.015	14.813
1/15/2017 10:40:00 AM	304800.000	73.851	17.993
168.328	29149.004	33652.922	21.259
22883.988	34.306	1.015	14.812
1/15/2017 10:45:00 AM	305100.000	73.849	17.993
168.324	29140.213	33642.773	21.252
22877.086	34.317	1.015	14.811
1/15/2017 10:50:00 AM	305400.000	73.851	17.993
168.329	29151.801	33656.082	21.261
22886.137	34.303	1.015	14.810
1/15/2017 10:55:00 AM	305700.000	73.855	17.993
168.337	29172.041	33679.324	21.277
22901.943	34.279	1.015	14.809
1/15/2017 11:00:00 AM	306000.000	73.856	17.993
168.342	29163.301	33669.289	21.270
22895.119	34.290	1.015	14.809
1/15/2017 11:05:00 AM	306300.000	73.856	17.992
168.340	29139.260	33642.184	21.252
22876.686	34.318	1.015	14.807
1/15/2017 11:10:00 AM	306600.000	73.865	17.993
168.361	29145.242	33648.578	21.256
22881.035	34.311	1.015	14.805
1/15/2017 11:15:00 AM	306900.000	73.868	17.992
168.368	29168.426	33675.723	21.275
22899.494	34.284	1.015	14.803
1/15/2017 11:20:00 AM	307200.000	73.867	17.992
168.366	29163.811	33670.590	21.271
22896.004	34.289	1.015	14.803
1/15/2017 11:25:00 AM	307500.000	73.870	17.993
168.374	29142.355	33645.109	21.254
22878.676	34.314	1.015	14.803
1/15/2017 11:30:00 AM	307800.000	73.869	17.993
168.370	29138.082	33640.633	21.250
22875.631	34.319	1.015	14.803
1/15/2017 11:35:00 AM	308100.000	73.870	17.993
168.372	29135.021	33636.965	21.248

22873.139	34.323	1.015	14.801
1/15/2017 11:40:00 AM	308400.000	73.878	17.993
168.390	29126.891	33627.063	21.241
22866.404	34.333	1.015	14.800
1/15/2017 11:45:00 AM	308700.000	73.875	17.993
168.385	29152.492	33656.879	21.262
22886.678	34.302	1.015	14.799
1/15/2017 11:50:00 AM	309000.000	73.878	17.993
168.391	29152.393	33657.082	21.262
22886.818	34.303	1.015	14.797
1/15/2017 11:55:00 AM	309300.000	73.882	17.992
168.400	29150.203	33654.879	21.260
22885.318	34.305	1.015	14.795
1/15/2017 12:00:00 PM	309600.000	73.881	17.994
168.397	29142.541	33645.000	21.254
22878.602	34.314	1.015	14.793
1/15/2017 12:05:00 PM	309900.000	73.887	17.993
168.410	29152.494	33656.813	21.262
22886.635	34.302	1.015	14.793
1/15/2017 12:10:00 PM	310200.000	73.885	17.993
168.406	29148.547	33652.203	21.259
22883.500	34.307	1.015	14.793
1/15/2017 12:15:00 PM	310500.000	73.883	17.993
168.403	29163.799	33670.004	21.271
22895.605	34.289	1.015	14.792
1/15/2017 12:20:00 PM	310800.000	73.891	17.992
168.420	29151.658	33656.367	21.261
22886.332	34.303	1.015	14.789
1/15/2017 12:25:00 PM	311100.000	73.874	17.993
168.382	29157.299	33662.105	21.265
22890.234	34.297	1.015	14.786
1/15/2017 12:30:00 PM	311400.000	73.877	17.993
168.388	29158.924	33664.238	21.267
22891.684	34.295	1.015	14.782
1/15/2017 12:35:00 PM	311700.000	73.878	17.993
168.391	29135.381	33637.055	21.248
22873.197	34.323	1.015	14.781
1/15/2017 12:40:00 PM	312000.000	73.897	17.993
168.435	29159.127	33664.609	21.267
22891.938	34.295	1.015	14.780
1/15/2017 12:45:00 PM	312300.000	73.901	17.993
168.443	29139.385	33641.680	21.251
22876.344	34.318	1.015	14.778
1/15/2017 12:50:00 PM	312600.000	73.922	17.993
168.490	29135.910	33637.805	21.249
22873.709	34.322	1.015	14.777
1/15/2017 12:55:00 PM	312900.000	73.904	17.993
168.450	29137.027	33638.828	21.249
22874.404	34.321	1.015	14.775
1/15/2017 1:00:00 PM	313200.000	73.902	17.993
168.445	29147.883	33651.625	21.258
22883.105	34.308	1.015	14.773
1/15/2017 1:05:00 PM	313500.000	73.907	17.993
168.457	29121.576	33621.188	21.237
22862.410	34.339	1.015	14.772

1/15/2017 1:10:00 PM	313800.000	73.907	17.992
168.456	29144.094	33647.633	21.255
22880.393	34.312	1.015	14.771
1/15/2017 1:15:00 PM	314100.000	73.912	17.993
168.468	29161.115	33667.090	21.269
22893.621	34.292	1.015	14.769
1/15/2017 1:20:00 PM	314400.000	73.906	17.993
168.455	29145.875	33649.117	21.256
22881.400	34.310	1.015	14.773
1/15/2017 1:25:00 PM	314700.000	73.896	17.993
168.433	29152.805	33657.633	21.262
22887.191	34.302	1.015	14.776
1/15/2017 1:30:00 PM	315000.000	73.898	17.993
168.437	29160.926	33666.871	21.269
22893.475	34.292	1.015	14.779
1/15/2017 1:35:00 PM	315300.000	73.901	17.993
168.444	29160.383	33665.793	21.268
22892.742	34.293	1.015	14.776
1/15/2017 1:40:00 PM	315600.000	73.904	17.993
168.451	29127.846	33628.680	21.242
22867.502	34.331	1.015	14.772
1/15/2017 1:45:00 PM	315900.000	73.905	17.993
168.453	29144.008	33646.887	21.255
22879.885	34.312	1.015	14.769
1/15/2017 1:50:00 PM	316200.000	73.903	17.993
168.447	29155.314	33660.262	21.264
22888.979	34.299	1.015	14.769
1/15/2017 1:55:00 PM	316500.000	73.905	17.993
168.452	29140.352	33642.863	21.252
22877.148	34.317	1.015	14.770
1/15/2017 2:00:00 PM	316800.000	73.905	17.993
168.453	29145.463	33648.887	21.256
22881.244	34.311	1.015	14.770
1/15/2017 2:05:00 PM	317100.000	73.902	17.994
168.447	29157.018	33661.715	21.265
22889.967	34.297	1.015	14.773
1/15/2017 2:10:00 PM	317400.000	73.898	17.993
168.436	29142.588	33645.570	21.254
22878.990	34.314	1.015	14.775
1/15/2017 2:15:00 PM	317700.000	73.900	17.993
168.441	29151.209	33655.523	21.261
22885.758	34.304	1.015	14.778
1/15/2017 2:20:00 PM	318000.000	73.896	17.993
168.431	29147.715	33651.488	21.258
22883.014	34.308	1.015	14.779
1/15/2017 2:25:00 PM	318300.000	73.888	17.993
168.414	29146.691	33650.574	21.257
22882.391	34.309	1.015	14.779
1/15/2017 2:30:00 PM	318600.000	73.892	17.993
168.423	29134.516	33635.805	21.247
22872.350	34.324	1.015	14.780
1/15/2017 2:35:00 PM	318900.000	73.889	17.992
168.415	29158.424	33664.313	21.267
22891.732	34.295	1.015	14.778
1/15/2017 2:40:00 PM	319200.000	73.888	17.993

168.414	29146.516	33650.047	21.257
22882.033	34.309	1.015	14.776
1/15/2017 2:45:00 PM	319500.000	73.892	17.993
168.424	29150.941	33655.090	21.261
22885.461	34.304	1.015	14.774
1/15/2017 2:50:00 PM	319800.000	73.893	17.993
168.426	29140.883	33643.277	21.252
22877.430	34.316	1.015	14.772
1/15/2017 2:55:00 PM	320100.000	73.894	17.992
168.427	29131.092	33632.688	21.245
22870.230	34.328	1.015	14.771
1/15/2017 3:00:00 PM	320400.000	73.894	17.993
168.427	29155.271	33660.406	21.264
22889.078	34.299	1.015	14.770
1/15/2017 3:05:00 PM	320700.000	73.885	17.993
168.407	29142.268	33645.328	21.254
22878.826	34.314	1.015	14.772
1/15/2017 3:10:00 PM	321000.000	73.887	17.993
168.412	29156.736	33661.520	21.265
22889.836	34.297	1.015	14.773
1/15/2017 3:15:00 PM	321300.000	73.882	17.993
168.400	29133.260	33634.609	21.246
22871.537	34.325	1.015	14.774
1/15/2017 3:20:00 PM	321600.000	73.883	17.993
168.403	29172.203	33679.637	21.278
22902.152	34.279	1.015	14.775
1/15/2017 3:25:00 PM	321900.000	73.878	17.993
168.391	29151.570	33656.133	21.261
22886.172	34.303	1.015	14.776
1/15/2017 3:30:00 PM	322200.000	73.877	17.993
168.387	29137.801	33639.793	21.250
22875.059	34.320	1.015	14.777
1/15/2017 3:35:00 PM	322500.000	73.873	17.993
168.380	29146.236	33649.727	21.257
22881.814	34.310	1.015	14.776
1/15/2017 3:40:00 PM	322800.000	73.876	17.993
168.387	29158.334	33663.625	21.266
22891.266	34.296	1.015	14.774
1/15/2017 3:45:00 PM	323100.000	73.867	17.993
168.366	29143.369	33646.414	21.255
22879.564	34.313	1.015	14.773
1/15/2017 3:50:00 PM	323400.000	73.864	17.993
168.359	29126.080	33626.777	21.241
22866.211	34.333	1.015	14.774
1/15/2017 3:55:00 PM	323700.000	73.862	17.993
168.355	29163.041	33669.449	21.271
22895.227	34.290	1.015	14.775
1/15/2017 4:00:00 PM	324000.000	73.856	17.993
168.340	29148.518	33652.168	21.259
22883.477	34.307	1.015	14.776
1/15/2017 4:05:00 PM	324300.000	73.854	17.993
168.336	29150.588	33654.934	21.260
22885.357	34.305	1.015	14.778
1/15/2017 4:10:00 PM	324600.000	73.852	17.993
168.331	29150.176	33654.203	21.260

22884.859	34.305	1.015	14.780
1/15/2017 4:15:00 PM	324900.000	73.850	17.993
168.327	29159.662	33665.227	21.268
22892.355	34.294	1.015	14.781
1/15/2017 4:20:00 PM	325200.000	73.849	17.993
168.324	29148.977	33653.211	21.259
22884.184	34.307	1.015	14.778
1/15/2017 4:25:00 PM	325500.000	73.845	17.993
168.315	29129.865	33630.754	21.244
22868.914	34.329	1.015	14.775
1/15/2017 4:30:00 PM	325800.000	73.847	17.993
168.320	29130.557	33631.871	21.244
22869.672	34.328	1.015	14.772
1/15/2017 4:35:00 PM	326100.000	73.840	17.993
168.304	29151.271	33655.723	21.261
22885.893	34.304	1.015	14.775
1/15/2017 4:40:00 PM	326400.000	73.830	17.993
168.281	29145.463	33648.961	21.256
22881.295	34.311	1.015	14.777
1/15/2017 4:45:00 PM	326700.000	73.827	17.993
168.274	29160.531	33666.094	21.268
22892.945	34.293	1.015	14.779
1/15/2017 4:50:00 PM	327000.000	73.825	17.993
168.270	29139.539	33642.125	21.252
22876.646	34.318	1.015	14.778
1/15/2017 4:55:00 PM	327300.000	73.823	17.993
168.266	29137.977	33640.121	21.250
22875.285	34.319	1.015	14.777
1/15/2017 5:00:00 PM	327600.000	73.798	17.993
168.209	29160.938	33666.434	21.268
22893.178	34.292	1.015	14.776
1/15/2017 5:05:00 PM	327900.000	73.817	17.993
168.251	29169.117	33676.074	21.275
22899.730	34.283	1.015	14.775
1/15/2017 5:10:00 PM	328200.000	73.817	17.993
168.251	29150.367	33654.230	21.260
22884.879	34.305	1.015	14.773
1/15/2017 5:15:00 PM	328500.000	73.814	17.993
168.244	29156.102	33661.246	21.265
22889.650	34.298	1.015	14.772
1/15/2017 5:20:00 PM	328800.000	73.804	17.993
168.222	29141.814	33644.676	21.253
22878.379	34.315	1.015	14.776
1/15/2017 5:25:00 PM	329100.000	73.799	17.992
168.212	29161.178	33667.355	21.269
22893.805	34.292	1.015	14.780
1/15/2017 5:30:00 PM	329400.000	73.794	17.993
168.199	29161.162	33667.086	21.269
22893.619	34.292	1.015	14.784
1/15/2017 5:35:00 PM	329700.000	73.789	17.993
168.187	29150.439	33654.828	21.260
22885.285	34.305	1.015	14.782
1/15/2017 5:40:00 PM	330000.000	73.796	17.993
168.205	29145.877	33649.242	21.256
22881.484	34.310	1.015	14.780

1/15/2017 5:45:00 PM	330300.000	73.789	17.993
168.188	29149.053	33652.711	21.259
22883.844	34.306	1.015	14.778
1/15/2017 5:50:00 PM	330600.000	73.790	17.993
168.189	29129.346	33629.961	21.243
22868.373	34.330	1.015	14.778
1/15/2017 5:55:00 PM	330900.000	73.788	17.993
168.186	29165.326	33671.766	21.272
22896.801	34.287	1.015	14.779
1/15/2017 6:00:00 PM	331200.000	73.781	17.993
168.169	29153.631	33658.395	21.263
22887.711	34.301	1.015	14.779
1/15/2017 6:05:00 PM	331500.000	73.773	17.993
168.152	29154.033	33658.398	21.263
22887.713	34.301	1.015	14.777
1/15/2017 6:10:00 PM	331800.000	73.776	17.994
168.158	29137.205	33638.840	21.249
22874.412	34.320	1.015	14.775
1/15/2017 6:15:00 PM	332100.000	73.773	17.993
168.151	29163.352	33669.484	21.271
22895.250	34.290	1.015	14.773
1/15/2017 6:20:00 PM	332400.000	73.769	17.993
168.141	29148.693	33652.563	21.259
22883.744	34.307	1.015	14.776
1/15/2017 6:25:00 PM	332700.000	73.764	17.993
168.132	29140.170	33642.906	21.252
22877.176	34.317	1.015	14.779
1/15/2017 6:30:00 PM	333000.000	73.762	17.993
168.126	29163.176	33669.414	21.270
22895.203	34.290	1.015	14.781
1/15/2017 6:35:00 PM	333300.000	73.753	17.993
168.107	29150.803	33655.320	21.261
22885.619	34.304	1.015	14.781
1/15/2017 6:40:00 PM	333600.000	73.755	17.993
168.111	29132.063	33633.492	21.246
22870.777	34.326	1.015	14.780
1/15/2017 6:45:00 PM	333900.000	73.753	17.993
168.106	29148.057	33651.828	21.258
22883.246	34.308	1.015	14.780
1/15/2017 6:50:00 PM	334200.000	73.746	17.993
168.090	29153.121	33657.805	21.262
22887.309	34.302	1.015	14.783
1/15/2017 6:55:00 PM	334500.000	73.743	17.993
168.083	29166.248	33672.887	21.273
22897.564	34.286	1.015	14.786
1/15/2017 7:00:00 PM	334800.000	73.733	17.993
168.060	29138.578	33641.016	21.251
22875.893	34.319	1.015	14.790
1/15/2017 7:05:00 PM	335100.000	73.735	17.993
168.065	29159.721	33665.422	21.268
22892.486	34.294	1.015	14.788
1/15/2017 7:10:00 PM	335400.000	73.737	17.993
168.069	29147.059	33650.805	21.258
22882.547	34.309	1.015	14.786
1/15/2017 7:15:00 PM	335700.000	73.728	17.993

168.048	29158.477	33664.043	21.267
22891.551	34.295	1.015	14.784
1/15/2017 7:20:00 PM	336000.000	73.713	17.993
168.014	29145.303	33648.777	21.256
22881.168	34.311	1.015	14.785
1/15/2017 7:25:00 PM	336300.000	73.727	17.993
168.046	29157.828	33663.164	21.266
22890.953	34.296	1.015	14.785
1/15/2017 7:30:00 PM	336600.000	73.727	17.993
168.046	29135.021	33637.027	21.248
22873.180	34.323	1.015	14.786
1/15/2017 7:35:00 PM	336900.000	73.717	17.993
168.024	29143.084	33645.895	21.254
22879.209	34.313	1.015	14.787
1/15/2017 7:40:00 PM	337200.000	73.697	17.993
167.979	29147.598	33651.352	21.258
22882.922	34.308	1.015	14.787
1/15/2017 7:45:00 PM	337500.000	73.716	17.992
168.020	29156.057	33661.578	21.265
22889.873	34.298	1.015	14.787
1/15/2017 7:50:00 PM	337800.000	73.711	17.993
168.010	29141.480	33644.234	21.253
22878.080	34.315	1.015	14.790
1/15/2017 7:55:00 PM	338100.000	73.707	17.993
168.000	29162.709	33668.930	21.270
22894.875	34.290	1.015	14.792
1/15/2017 8:00:00 PM	338400.000	73.702	17.993
167.990	29163.777	33670.105	21.271
22895.674	34.289	1.015	14.794
1/15/2017 8:05:00 PM	338700.000	73.704	17.993
167.994	29144.592	33647.691	21.255
22880.430	34.312	1.015	14.791
1/15/2017 8:10:00 PM	339000.000	73.708	17.993
168.003	29154.215	33659.184	21.263
22888.244	34.300	1.015	14.789
1/15/2017 8:15:00 PM	339300.000	73.710	17.993
168.009	29130.184	33631.379	21.244
22869.340	34.329	1.015	14.786
1/15/2017 8:20:00 PM	339600.000	73.702	17.993
167.989	29152.459	33657.094	21.262
22886.826	34.302	1.015	14.787
1/15/2017 8:25:00 PM	339900.000	73.704	17.993
167.994	29153.307	33658.137	21.263
22887.535	34.301	1.015	14.789
1/15/2017 8:30:00 PM	340200.000	73.703	17.993
167.991	29158.326	33663.293	21.266
22891.041	34.296	1.015	14.790
1/15/2017 8:35:00 PM	340500.000	73.698	17.993
167.981	29136.023	33638.066	21.249
22873.887	34.322	1.015	14.791
1/15/2017 8:40:00 PM	340800.000	73.698	17.993
167.981	29138.121	33640.543	21.250
22875.572	34.319	1.015	14.791
1/15/2017 8:45:00 PM	341100.000	73.703	17.993
167.993	29139.852	33642.676	21.252

22877.020	34.317	1.015	14.792
1/15/2017 8:50:00 PM	341400.000	73.700	17.993
167.985	29153.684	33658.453	21.263
22887.748	34.301	1.015	14.792
1/15/2017 8:55:00 PM	341700.000	73.699	17.992
167.982	29149.375	33653.730	21.260
22884.539	34.306	1.015	14.792
1/15/2017 9:00:00 PM	342000.000	73.697	17.993
167.978	29139.279	33642.016	21.251
22876.572	34.318	1.015	14.792
1/15/2017 9:05:00 PM	342300.000	73.699	17.993
167.982	29157.176	33662.410	21.266
22890.439	34.297	1.015	14.793
1/15/2017 9:10:00 PM	342600.000	73.700	17.993
167.985	29157.732	33663.000	21.266
22890.840	34.296	1.015	14.794
1/15/2017 9:15:00 PM	342900.000	73.698	17.993
167.981	29156.180	33661.527	21.265
22889.840	34.298	1.015	14.795
1/15/2017 9:20:00 PM	343200.000	73.699	17.993
167.983	29149.055	33652.980	21.259
22884.027	34.306	1.015	14.794
1/15/2017 9:25:00 PM	343500.000	73.700	17.993
167.986	29146.236	33649.781	21.257
22881.854	34.310	1.015	14.793
1/15/2017 9:30:00 PM	343800.000	73.699	17.993
167.983	29177.553	33685.883	21.282
22906.400	34.273	1.015	14.792
1/15/2017 9:35:00 PM	344100.000	73.701	17.992
167.986	29151.258	33655.969	21.261
22886.059	34.304	1.015	14.792
1/15/2017 9:40:00 PM	344400.000	73.701	17.992
167.988	29139.035	33641.793	21.251
22876.422	34.318	1.015	14.792
1/15/2017 9:45:00 PM	344700.000	73.705	17.992
167.996	29145.916	33649.734	21.257
22881.820	34.310	1.015	14.792
1/15/2017 9:50:00 PM	345000.000	73.700	17.993
167.985	29138.166	33640.594	21.250
22875.605	34.319	1.015	14.791
1/15/2017 9:55:00 PM	345300.000	73.708	17.992
168.003	29158.865	33664.688	21.267
22891.988	34.295	1.015	14.790
1/15/2017 10:00:00 PM	345600.000	73.709	17.993
168.005	29151.525	33656.016	21.261
22886.094	34.304	1.015	14.790
1/15/2017 10:05:00 PM	345900.000	73.705	17.992
167.996	29149.291	33653.766	21.260
22884.563	34.306	1.015	14.790
1/15/2017 10:10:00 PM	346200.000	73.704	17.993
167.995	29139.727	33641.820	21.251
22876.438	34.317	1.015	14.791
1/15/2017 10:15:00 PM	346500.000	73.705	17.992
167.996	29150.070	33654.531	21.260
22885.082	34.305	1.015	14.792

1/15/2017 10:20:00 PM	346800.000	73.707	17.992
168.002	29154.402	33659.602	21.264
22888.531	34.300	1.015	14.794
1/15/2017 10:25:00 PM	347100.000	73.706	17.993
167.999	29145.875	33649.363	21.257
22881.566	34.310	1.015	14.796
1/15/2017 10:30:00 PM	347400.000	73.709	17.993
168.005	29148.023	33651.789	21.258
22883.219	34.308	1.015	14.798
1/15/2017 10:35:00 PM	347700.000	73.711	17.993
168.011	29161.141	33666.797	21.269
22893.424	34.292	1.015	14.799
1/15/2017 10:40:00 PM	348000.000	73.712	17.993
168.012	29153.207	33657.383	21.262
22887.021	34.302	1.015	14.799
1/15/2017 10:45:00 PM	348300.000	73.711	17.993
168.011	29158.418	33664.039	21.267
22891.549	34.295	1.015	14.800
1/15/2017 10:50:00 PM	348600.000	73.712	17.993
168.013	29127.639	33628.063	21.242
22867.082	34.332	1.015	14.800
1/15/2017 10:55:00 PM	348900.000	73.718	17.993
168.027	29147.787	33651.570	21.258
22883.070	34.308	1.015	14.801
1/15/2017 11:00:00 PM	349200.000	73.720	17.992
168.031	29162.635	33669.172	21.270
22895.039	34.290	1.015	14.801
1/15/2017 11:05:00 PM	349500.000	73.720	17.993
168.030	29159.779	33665.492	21.268
22892.537	34.294	1.015	14.800
1/15/2017 11:10:00 PM	349800.000	73.725	17.993
168.041	29180.520	33689.363	21.284
22908.770	34.269	1.015	14.798
1/15/2017 11:15:00 PM	350100.000	73.726	17.993
168.045	29149.150	33653.340	21.259
22884.271	34.306	1.015	14.796
1/15/2017 11:20:00 PM	350400.000	73.731	17.993
168.057	29150.389	33654.648	21.260
22885.162	34.305	1.015	14.801
1/15/2017 11:25:00 PM	350700.000	73.728	17.993
168.049	29158.143	33663.602	21.266
22891.250	34.296	1.015	14.806
1/15/2017 11:30:00 PM	351000.000	73.723	17.993
168.038	29163.732	33669.926	21.271
22895.549	34.289	1.015	14.811
1/15/2017 11:35:00 PM	351300.000	73.725	17.993
168.042	29131.602	33632.762	21.245
22870.279	34.327	1.015	14.807
1/15/2017 11:40:00 PM	351600.000	73.729	17.993
168.051	29149.412	33653.199	21.259
22884.176	34.306	1.015	14.803
1/15/2017 11:45:00 PM	351900.000	73.738	17.993
168.071	29161.713	33667.914	21.269
22894.182	34.292	1.015	14.800
1/15/2017 11:50:00 PM	352200.000	73.741	17.993

168.079	29155.615	33660.609	21.264
22889.215	34.299	1.015	14.799
1/15/2017 11:55:00 PM	352500.000	73.747	17.994
168.092	29135.922	33637.301	21.248
22873.365	34.322	1.015	14.798
1/16/2017 12:00:00 AM	352800.000	73.750	17.992
168.098	29139.297	33642.094	21.251
22876.625	34.318	1.015	14.797
1/16/2017 12:05:00 AM	353100.000	73.748	17.993
168.094	29134.359	33636.199	21.247
22872.615	34.324	1.015	14.797
1/16/2017 12:10:00 AM	353400.000	73.751	17.993
168.101	29134.967	33636.844	21.248
22873.057	34.323	1.015	14.797
1/16/2017 12:15:00 AM	353700.000	73.755	17.993
168.111	29158.469	33663.457	21.266
22891.152	34.295	1.015	14.797
1/16/2017 12:20:00 AM	354000.000	73.752	17.993
168.103	29148.402	33652.355	21.259
22883.602	34.307	1.015	14.796
1/16/2017 12:25:00 AM	354300.000	73.758	17.992
168.117	29160.563	33666.711	21.269
22893.363	34.293	1.015	14.795
1/16/2017 12:30:00 AM	354600.000	73.759	17.993
168.119	29161.926	33667.574	21.269
22893.951	34.291	1.015	14.794
1/16/2017 12:35:00 AM	354900.000	73.769	17.993
168.142	29148.289	33651.961	21.258
22883.336	34.307	1.015	14.793
1/16/2017 12:40:00 AM	355200.000	73.761	17.993
168.123	29137.387	33639.441	21.250
22874.820	34.320	1.015	14.793
1/16/2017 12:45:00 AM	355500.000	73.769	17.993
168.142	29170.951	33678.121	21.277
22901.125	34.281	1.015	14.793
1/16/2017 12:50:00 AM	355800.000	73.768	17.993
168.139	29146.049	33649.566	21.257
22881.707	34.310	1.015	14.792
1/16/2017 12:55:00 AM	356100.000	73.775	17.993
168.156	29146.859	33650.574	21.257
22882.391	34.309	1.015	14.792
1/16/2017 1:00:00 AM	356400.000	73.775	17.993
168.155	29149.604	33653.797	21.260
22884.582	34.306	1.015	14.792
1/16/2017 1:05:00 AM	356700.000	73.778	17.992
168.163	29145.182	33649.348	21.257
22881.557	34.311	1.015	14.792
1/16/2017 1:10:00 AM	357000.000	73.778	17.992
168.164	29159.393	33665.488	21.268
22892.535	34.294	1.015	14.791
1/16/2017 1:15:00 AM	357300.000	73.782	17.993
168.173	29141.785	33644.910	21.253
22878.539	34.315	1.015	14.791
1/16/2017 1:20:00 AM	357600.000	73.786	17.993
168.180	29136.824	33638.988	21.249

22874.514	34.321	1.015	14.790
1/16/2017 1:25:00 AM	357900.000	73.786	17.993
168.180	29160.045	33665.723	21.268
22892.693	34.293	1.015	14.790
1/16/2017 1:30:00 AM	358200.000	73.789	17.992
168.188	29147.730	33651.832	21.258
22883.248	34.308	1.015	14.789
1/16/2017 1:35:00 AM	358500.000	73.772	17.993
168.150	29141.834	33644.965	21.253
22878.578	34.315	1.015	14.789
1/16/2017 1:40:00 AM	358800.000	73.791	17.993
168.193	29142.904	33645.934	21.254
22879.236	34.314	1.015	14.788
1/16/2017 1:45:00 AM	359100.000	73.794	17.993
168.198	29160.162	33666.125	21.268
22892.965	34.293	1.015	14.788
1/16/2017 1:50:00 AM	359400.000	73.793	17.993
168.198	29144.770	33647.965	21.256
22880.619	34.311	1.015	14.788
1/16/2017 1:55:00 AM	359700.000	73.801	17.993
168.216	29153.945	33658.813	21.263
22887.992	34.301	1.015	14.788
1/16/2017 2:00:00 AM	360000.000	73.798	17.993
168.208	29151.346	33655.754	21.261
22885.914	34.304	1.015	14.788
1/16/2017 2:05:00 AM	360300.000	73.803	17.993
168.220	29141.941	33644.898	21.253
22878.533	34.315	1.015	14.786
1/16/2017 2:10:00 AM	360600.000	73.808	17.992
168.231	29141.408	33644.531	21.253
22878.283	34.315	1.015	14.784
1/16/2017 2:15:00 AM	360900.000	73.790	17.993
168.191	29160.068	33665.750	21.268
22892.711	34.293	1.015	14.782
1/16/2017 2:20:00 AM	361200.000	73.813	17.993
168.241	29154.865	33659.816	21.264
22888.678	34.300	1.015	14.780
1/16/2017 2:25:00 AM	361500.000	73.817	17.992
168.251	29133.461	33635.547	21.247
22872.174	34.325	1.015	14.777
1/16/2017 2:30:00 AM	361800.000	73.817	17.993
168.253	29146.109	33649.766	21.257
22881.844	34.310	1.015	14.775
1/16/2017 2:35:00 AM	362100.000	73.797	17.993
168.206	29136.471	33638.582	21.249
22874.236	34.321	1.015	14.776
1/16/2017 2:40:00 AM	362400.000	73.819	17.992
168.256	29152.350	33657.297	21.262
22886.965	34.303	1.015	14.777
1/16/2017 2:45:00 AM	362700.000	73.822	17.993
168.263	29148.104	33652.129	21.258
22883.447	34.308	1.015	14.779
1/16/2017 2:50:00 AM	363000.000	73.825	17.993
168.270	29162.695	33668.859	21.270
22894.824	34.290	1.015	14.779

1/16/2017 2:55:00 AM	363300.000	73.821	17.993
168.262	29138.479	33640.770	21.251
22875.723	34.319	1.015	14.779
1/16/2017 3:00:00 AM	363600.000	73.828	17.993
168.276	29145.047	33648.285	21.256
22880.834	34.311	1.015	14.779
1/16/2017 3:05:00 AM	363900.000	73.826	17.993
168.271	29155.863	33660.648	21.264
22889.242	34.298	1.015	14.781
1/16/2017 3:10:00 AM	364200.000	73.825	17.993
168.270	29149.383	33653.543	21.259
22884.410	34.306	1.015	14.782
1/16/2017 3:15:00 AM	364500.000	73.824	17.993
168.268	29156.504	33661.441	21.265
22889.781	34.298	1.015	14.784
1/16/2017 3:20:00 AM	364800.000	73.825	17.993
168.270	29182.268	33691.254	21.286
22910.053	34.267	1.015	14.785
1/16/2017 3:25:00 AM	365100.000	73.821	17.992
168.261	29155.039	33660.402	21.264
22889.076	34.299	1.015	14.787
1/16/2017 3:30:00 AM	365400.000	73.820	17.993
168.259	29137.521	33639.852	21.250
22875.102	34.320	1.015	14.789
1/16/2017 3:35:00 AM	365700.000	73.820	17.993
168.258	29158.082	33663.531	21.266
22891.203	34.296	1.015	14.788
1/16/2017 3:40:00 AM	366000.000	73.826	17.993
168.272	29157.465	33662.422	21.266
22890.447	34.297	1.015	14.786
1/16/2017 3:45:00 AM	366300.000	73.829	17.993
168.279	29157.773	33662.910	21.266
22890.779	34.296	1.015	14.785
1/16/2017 3:50:00 AM	366600.000	73.824	17.993
168.267	29151.434	33655.590	21.261
22885.801	34.304	1.015	14.786
1/16/2017 3:55:00 AM	366900.000	73.822	17.993
168.264	29148.385	33652.262	21.259
22883.539	34.307	1.015	14.787
1/16/2017 4:00:00 AM	367200.000	73.820	17.993
168.258	29146.033	33649.547	21.257
22881.693	34.310	1.015	14.788
1/16/2017 4:05:00 AM	367500.000	73.823	17.993
168.265	29157.105	33662.273	21.266
22890.346	34.297	1.015	14.786
1/16/2017 4:10:00 AM	367800.000	73.826	17.993
168.273	29154.172	33658.887	21.263
22888.045	34.300	1.015	14.784
1/16/2017 4:15:00 AM	368100.000	73.831	17.993
168.283	29162.289	33668.445	21.270
22894.545	34.291	1.015	14.782
1/16/2017 4:20:00 AM	368400.000	73.829	17.993
168.278	29164.447	33671.074	21.272
22896.332	34.288	1.015	14.783
1/16/2017 4:25:00 AM	368700.000	73.830	17.993

168.281	29147.248	33650.895	21.258
22882.609	34.309	1.015	14.784
1/16/2017 4:30:00 AM	369000.000	73.828	17.993
168.277	29158.965	33664.422	21.267
22891.807	34.295	1.015	14.784
1/16/2017 4:35:00 AM	369300.000	73.828	17.993
168.277	29152.529	33657.047	21.262
22886.793	34.302	1.015	14.784
1/16/2017 4:40:00 AM	369600.000	73.829	17.993
168.278	29133.365	33635.188	21.247
22871.930	34.325	1.015	14.784
1/16/2017 4:45:00 AM	369900.000	73.828	17.993
168.278	29134.918	33636.523	21.248
22872.838	34.323	1.015	14.785
1/16/2017 4:50:00 AM	370200.000	73.826	17.993
168.271	29142.492	33645.211	21.254
22878.746	34.314	1.015	14.783
1/16/2017 4:55:00 AM	370500.000	73.829	17.992
168.279	29159.197	33665.457	21.268
22892.514	34.294	1.015	14.781
1/16/2017 5:00:00 AM	370800.000	73.810	17.992
168.235	29153.221	33658.168	21.263
22887.557	34.302	1.015	14.780
1/16/2017 5:05:00 AM	371100.000	73.827	17.993
168.275	29157.779	33663.051	21.266
22890.877	34.296	1.015	14.784
1/16/2017 5:10:00 AM	371400.000	73.825	17.993
168.270	29143.131	33646.324	21.254
22879.502	34.313	1.015	14.789
1/16/2017 5:15:00 AM	371700.000	73.822	17.993
168.264	29130.752	33632.035	21.244
22869.783	34.328	1.015	14.793
1/16/2017 5:20:00 AM	372000.000	73.822	17.993
168.263	29158.771	33664.383	21.267
22891.783	34.295	1.015	14.793
1/16/2017 5:25:00 AM	372300.000	73.821	17.993
168.260	29147.143	33650.578	21.257
22882.393	34.309	1.015	14.792
1/16/2017 5:30:00 AM	372600.000	73.801	17.993
168.216	29125.891	33625.906	21.240
22865.617	34.334	1.015	14.792
1/16/2017 5:35:00 AM	372900.000	73.821	17.993
168.261	29163.045	33669.133	21.270
22895.010	34.290	1.015	14.793
1/16/2017 5:40:00 AM	373200.000	73.819	17.993
168.256	29136.883	33639.113	21.249
22874.600	34.321	1.015	14.794
1/16/2017 5:45:00 AM	373500.000	73.812	17.993
168.241	29162.734	33668.773	21.270
22894.766	34.290	1.015	14.796
1/16/2017 5:50:00 AM	373800.000	73.816	17.993
168.250	29155.715	33660.723	21.264
22889.291	34.299	1.015	14.795
1/16/2017 5:55:00 AM	374100.000	73.811	17.993
168.239	29150.205	33654.629	21.260

22885.148	34.305	1.015	14.795
1/16/2017 6:00:00 AM	374400.000	73.811	17.993
168.239	29147.756	33651.289	21.258
22882.877	34.308	1.015	14.795
1/16/2017 6:05:00 AM	374700.000	73.816	17.992
168.249	29134.162	33636.234	21.247
22872.641	34.324	1.015	14.794
1/16/2017 6:10:00 AM	375000.000	73.815	17.993
168.248	29172.521	33679.805	21.278
22902.270	34.279	1.015	14.793
1/16/2017 6:15:00 AM	375300.000	73.814	17.992
168.246	29146.000	33649.969	21.257
22881.979	34.310	1.015	14.792
1/16/2017 6:20:00 AM	375600.000	73.814	17.993
168.246	29158.693	33664.039	21.267
22891.549	34.295	1.015	14.793
1/16/2017 6:25:00 AM	375900.000	73.814	17.993
168.245	29179.674	33688.461	21.284
22908.156	34.270	1.015	14.793
1/16/2017 6:30:00 AM	376200.000	73.809	17.993
168.234	29158.043	33663.488	21.266
22891.172	34.296	1.015	14.793
1/16/2017 6:35:00 AM	376500.000	73.811	17.992
168.238	29153.035	33658.023	21.263
22887.459	34.302	1.015	14.795
1/16/2017 6:40:00 AM	376800.000	73.790	17.992
168.191	29150.523	33655.516	21.261
22885.752	34.305	1.015	14.797
1/16/2017 6:45:00 AM	377100.000	73.802	17.993
168.218	29159.150	33664.441	21.267
22891.820	34.295	1.015	14.798
1/16/2017 6:50:00 AM	377400.000	73.811	17.992
168.238	29154.594	33659.754	21.264
22888.633	34.300	1.015	14.795
1/16/2017 6:55:00 AM	377700.000	73.811	17.993
168.238	29143.539	33646.613	21.255
22879.697	34.313	1.015	14.792
1/16/2017 7:00:00 AM	378000.000	73.817	17.993
168.251	29171.336	33678.758	21.277
22901.557	34.280	1.015	14.789
1/16/2017 7:05:00 AM	378300.000	73.811	17.993
168.239	29141.354	33644.145	21.253
22878.020	34.315	1.015	14.793
1/16/2017 7:10:00 AM	378600.000	73.809	17.993
168.233	29152.617	33657.277	21.262
22886.949	34.302	1.015	14.797
1/16/2017 7:15:00 AM	378900.000	73.802	17.993
168.218	29148.705	33652.898	21.259
22883.973	34.307	1.015	14.802
1/16/2017 7:20:00 AM	379200.000	73.806	17.993
168.226	29147.104	33650.914	21.258
22882.621	34.309	1.015	14.800
1/16/2017 7:25:00 AM	379500.000	73.805	17.993
168.225	29150.418	33654.609	21.260
22885.135	34.305	1.015	14.799

1/16/2017 7:30:00 AM	379800.000	73.807	17.993
168.228	29153.082	33657.953	21.263
22887.410	34.302	1.015	14.797
1/16/2017 7:35:00 AM	380100.000	73.783	17.993
168.173	29125.490	33625.828	21.240
22865.564	34.334	1.015	14.798
1/16/2017 7:40:00 AM	380400.000	73.801	17.993
168.216	29157.693	33663.137	21.266
22890.934	34.296	1.015	14.799
1/16/2017 7:45:00 AM	380700.000	73.803	17.993
168.219	29157.063	33662.410	21.266
22890.439	34.297	1.015	14.800
1/16/2017 7:50:00 AM	381000.000	73.803	17.993
168.221	29136.520	33638.563	21.249
22874.225	34.321	1.015	14.797
1/16/2017 7:55:00 AM	381300.000	73.806	17.993
168.227	29151.412	33655.832	21.261
22885.967	34.304	1.015	14.794
1/16/2017 8:00:00 AM	381600.000	73.809	17.993
168.233	29157.330	33662.398	21.266
22890.432	34.297	1.015	14.792
1/16/2017 8:05:00 AM	381900.000	73.810	17.992
168.235	29153.354	33658.324	21.263
22887.660	34.301	1.015	14.795
1/16/2017 8:10:00 AM	382200.000	73.802	17.993
168.218	29153.400	33658.125	21.263
22887.525	34.301	1.015	14.799
1/16/2017 8:15:00 AM	382500.000	73.798	17.993
168.208	29142.744	33645.695	21.254
22879.074	34.314	1.015	14.803
1/16/2017 8:20:00 AM	382800.000	73.799	17.993
168.212	29148.422	33652.305	21.259
22883.570	34.307	1.015	14.804
1/16/2017 8:25:00 AM	383100.000	73.800	17.993
168.212	29152.070	33656.785	21.262
22886.613	34.303	1.015	14.806
1/16/2017 8:30:00 AM	383400.000	73.796	17.992
168.204	29167.373	33674.645	21.274
22898.760	34.285	1.015	14.808
1/16/2017 8:35:00 AM	383700.000	73.798	17.993
168.209	29144.943	33648.418	21.256
22880.924	34.311	1.015	14.807
1/16/2017 8:40:00 AM	384000.000	73.801	17.993
168.216	29147.375	33651.289	21.258
22882.877	34.308	1.015	14.806
1/16/2017 8:45:00 AM	384300.000	73.801	17.993
168.214	29164.264	33670.469	21.271
22895.922	34.289	1.015	14.805
1/16/2017 8:50:00 AM	384600.000	73.797	17.992
168.205	29144.406	33647.992	21.256
22880.637	34.312	1.015	14.806
1/16/2017 8:55:00 AM	384900.000	73.797	17.993
168.206	29154.830	33659.895	21.264
22888.729	34.300	1.015	14.807
1/16/2017 9:00:00 AM	385200.000	73.800	17.993

168.212	29136.814	33638.977	21.249
22874.504	34.321	1.015	14.808
1/16/2017 9:05:00 AM	385500.000	73.798	17.993
168.209	29145.242	33648.824	21.256
22881.203	34.311	1.015	14.808
1/16/2017 9:10:00 AM	385800.000	73.802	17.993
168.218	29144.096	33647.504	21.255
22880.305	34.312	1.015	14.808
1/16/2017 9:15:00 AM	386100.000	73.800	17.994
168.214	29150.338	33653.809	21.260
22884.590	34.305	1.015	14.809
1/16/2017 9:20:00 AM	386400.000	73.801	17.993
168.215	29147.096	33650.527	21.257
22882.361	34.309	1.015	14.806
1/16/2017 9:25:00 AM	386700.000	73.802	17.992
168.218	29144.809	33648.590	21.256
22881.043	34.311	1.015	14.803
1/16/2017 9:30:00 AM	387000.000	73.810	17.993
168.236	29165.953	33672.352	21.273
22897.199	34.287	1.015	14.801
1/16/2017 9:35:00 AM	387300.000	73.808	17.993
168.231	29149.797	33653.766	21.260
22884.563	34.306	1.015	14.803
1/16/2017 9:40:00 AM	387600.000	73.810	17.993
168.235	29144.951	33648.488	21.256
22880.975	34.311	1.015	14.805
1/16/2017 9:45:00 AM	387900.000	73.807	17.993
168.228	29163.111	33669.457	21.271
22895.230	34.290	1.015	14.807
1/16/2017 9:50:00 AM	388200.000	73.809	17.993
168.233	29143.934	33647.121	21.255
22880.045	34.312	1.015	14.809
1/16/2017 9:55:00 AM	388500.000	73.810	17.993
168.235	29171.559	33678.961	21.277
22901.695	34.280	1.015	14.810
1/16/2017 10:00:00 AM	388800.000	73.808	17.993
168.231	29147.098	33650.852	21.258
22882.582	34.309	1.015	14.812
1/16/2017 10:05:00 AM	389100.000	73.811	17.993
168.238	29134.566	33636.438	21.248
22872.777	34.323	1.015	14.811
1/16/2017 10:10:00 AM	389400.000	73.812	17.993
168.240	29146.236	33649.973	21.257
22881.982	34.310	1.015	14.810
1/16/2017 10:15:00 AM	389700.000	73.820	17.992
168.259	29155.279	33660.934	21.265
22889.438	34.299	1.015	14.809
1/16/2017 10:20:00 AM	390000.000	73.813	17.992
168.243	29166.686	33674.105	21.274
22898.395	34.286	1.015	14.811
1/16/2017 10:25:00 AM	390300.000	73.814	17.992
168.246	29147.102	33651.297	21.258
22882.883	34.309	1.015	14.813
1/16/2017 10:30:00 AM	390600.000	73.814	17.993
168.245	29152.668	33657.336	21.262

22886.990	34.302	1.015	14.815
1/16/2017 10:35:00 AM	390900.000	73.819	17.993
168.256	29155.996	33661.242	21.265
22889.646	34.298	1.015	14.814
1/16/2017 10:40:00 AM	391200.000	73.814	17.993
168.246	29127.441	33628.211	21.242
22867.186	34.332	1.015	14.813
1/16/2017 10:45:00 AM	391500.000	73.823	17.993
168.264	29154.863	33660.008	21.264
22888.805	34.300	1.015	14.811
1/16/2017 10:50:00 AM	391800.000	73.823	17.993
168.265	29174.090	33682.133	21.279
22903.850	34.277	1.015	14.811
1/16/2017 10:55:00 AM	392100.000	73.822	17.993
168.263	29162.703	33668.867	21.270
22894.830	34.290	1.015	14.810
1/16/2017 11:00:00 AM	392400.000	73.823	17.993
168.266	29148.512	33652.215	21.259
22883.506	34.307	1.015	14.809
1/16/2017 11:05:00 AM	392700.000	73.824	17.993
168.267	29168.777	33675.484	21.275
22899.332	34.283	1.015	14.809
1/16/2017 11:10:00 AM	393000.000	73.823	17.993
168.266	29162.838	33668.949	21.270
22894.887	34.290	1.015	14.809
1/16/2017 11:15:00 AM	393300.000	73.829	17.993
168.279	29157.395	33662.609	21.266
22890.576	34.297	1.015	14.809
1/16/2017 11:20:00 AM	393600.000	73.832	17.993
168.285	29141.521	33644.340	21.253
22878.150	34.315	1.015	14.809
1/16/2017 11:25:00 AM	393900.000	73.830	17.993
168.282	29134.662	33636.684	21.248
22872.945	34.323	1.015	14.810
1/16/2017 11:30:00 AM	394200.000	73.833	17.993
168.287	29137.928	33640.063	21.250
22875.244	34.320	1.015	14.811
1/16/2017 11:35:00 AM	394500.000	73.835	17.993
168.294	29134.355	33636.332	21.247
22872.705	34.324	1.015	14.809
1/16/2017 11:40:00 AM	394800.000	73.839	17.993
168.301	29164.020	33670.504	21.271
22895.945	34.289	1.015	14.808
1/16/2017 11:45:00 AM	395100.000	73.839	17.992
168.301	29160.930	33667.262	21.269
22893.740	34.292	1.015	14.806
1/16/2017 11:50:00 AM	395400.000	73.845	17.992
168.315	29145.449	33649.195	21.256
22881.455	34.311	1.015	14.803
1/16/2017 11:55:00 AM	395700.000	73.846	17.993
168.317	29141.535	33644.297	21.253
22878.125	34.315	1.015	14.799
1/16/2017 12:00:00 PM	396000.000	73.851	17.993
168.330	29141.188	33644.082	21.253
22877.977	34.316	1.015	14.795

1/16/2017 12:05:00 PM	396300.000	73.851	17.993
168.328	29153.344	33658.254	21.263
22887.615	34.301	1.015	14.794
1/16/2017 12:10:00 PM	396600.000	73.852	17.993
168.331	29166.955	33673.453	21.273
22897.951	34.285	1.015	14.793
1/16/2017 12:15:00 PM	396900.000	73.855	17.992
168.339	29144.273	33647.840	21.255
22880.533	34.312	1.015	14.792
1/16/2017 12:20:00 PM	397200.000	73.853	17.993
168.334	29155.217	33660.094	21.264
22888.865	34.299	1.015	14.791
1/16/2017 12:25:00 PM	397500.000	73.856	17.993
168.340	29149.209	33653.289	21.259
22884.236	34.306	1.015	14.791
1/16/2017 12:30:00 PM	397800.000	73.858	17.993
168.346	29147.961	33651.902	21.258
22883.293	34.308	1.015	14.790
1/16/2017 12:35:00 PM	398100.000	73.859	17.993
168.347	29175.896	33684.156	21.281
22905.229	34.275	1.015	14.789
1/16/2017 12:40:00 PM	398400.000	73.860	17.993
168.351	29138.518	33640.621	21.250
22875.623	34.319	1.015	14.789
1/16/2017 12:45:00 PM	398700.000	73.857	17.993
168.343	29153.715	33658.414	21.263
22887.725	34.301	1.015	14.788
1/16/2017 12:50:00 PM	399000.000	73.860	17.993
168.349	29146.246	33649.867	21.257
22881.910	34.310	1.015	14.787
1/16/2017 12:55:00 PM	399300.000	73.857	17.992
168.343	29127.088	33628.066	21.242
22867.086	34.332	1.015	14.787
1/16/2017 1:00:00 PM	399600.000	73.864	17.993
168.359	29143.781	33647.078	21.255
22880.014	34.313	1.015	14.786
1/16/2017 1:05:00 PM	399900.000	73.845	17.993
168.315	29148.451	33652.531	21.259
22883.723	34.307	1.015	14.784
1/16/2017 1:10:00 PM	400200.000	73.871	17.993
168.375	29154.990	33659.832	21.264
22888.688	34.299	1.015	14.782
1/16/2017 1:15:00 PM	400500.000	73.877	17.993
168.389	29156.881	33661.688	21.265
22889.947	34.297	1.015	14.779
1/16/2017 1:20:00 PM	400800.000	73.872	17.993
168.377	29166.217	33672.527	21.273
22897.320	34.286	1.015	14.779
1/16/2017 1:25:00 PM	401100.000	73.872	17.993
168.376	29154.072	33658.582	21.263
22887.836	34.301	1.015	14.778
1/16/2017 1:30:00 PM	401400.000	73.873	17.993
168.379	29157.000	33662.152	21.265
22890.264	34.297	1.015	14.778
1/16/2017 1:35:00 PM	401700.000	73.872	17.993

168.378	29153.084	33657.688	21.262
22887.230	34.302	1.015	14.778
1/16/2017 1:40:00 PM	402000.000	73.873	17.993
168.380	29142.930	33645.840	21.254
22879.174	34.314	1.015	14.777
1/16/2017 1:45:00 PM	402300.000	73.870	17.993
168.372	29128.492	33629.238	21.243
22867.883	34.331	1.015	14.777
1/16/2017 1:50:00 PM	402600.000	73.875	17.993
168.384	29162.750	33668.461	21.270
22894.555	34.290	1.015	14.775
1/16/2017 1:55:00 PM	402900.000	73.881	17.993
168.398	29165.570	33672.047	21.272
22896.994	34.287	1.015	14.772
1/16/2017 2:00:00 PM	403200.000	73.884	17.993
168.404	29151.752	33655.703	21.261
22885.879	34.303	1.015	14.770
1/16/2017 2:05:00 PM	403500.000	73.884	17.993
168.404	29131.451	33632.711	21.245
22870.244	34.327	1.015	14.771
1/16/2017 2:10:00 PM	403800.000	73.881	17.993
168.399	29152.895	33657.598	21.262
22887.166	34.302	1.015	14.772
1/16/2017 2:15:00 PM	404100.000	73.880	17.993
168.395	29147.850	33651.910	21.258
22883.301	34.308	1.015	14.773
1/16/2017 2:20:00 PM	404400.000	73.877	17.993
168.388	29154.801	33659.613	21.264
22888.539	34.300	1.015	14.774
1/16/2017 2:25:00 PM	404700.000	73.881	17.993
168.397	29166.066	33672.750	21.273
22897.473	34.286	1.015	14.774
1/16/2017 2:30:00 PM	405000.000	73.880	17.993
168.395	29142.629	33645.617	21.254
22879.021	34.314	1.015	14.775
1/16/2017 2:35:00 PM	405300.000	73.880	17.993
168.396	29150.121	33654.531	21.260
22885.082	34.305	1.015	14.775
1/16/2017 2:40:00 PM	405600.000	73.880	17.993
168.395	29140.438	33643.215	21.252
22877.389	34.317	1.015	14.775
1/16/2017 2:45:00 PM	405900.000	73.874	17.993
168.382	29154.479	33659.105	21.263
22888.193	34.300	1.015	14.775
1/16/2017 2:50:00 PM	406200.000	73.881	17.993
168.398	29150.516	33654.598	21.260
22885.129	34.305	1.015	14.773
1/16/2017 2:55:00 PM	406500.000	73.877	17.993
168.388	29151.023	33655.254	21.261
22885.572	34.304	1.015	14.771
1/16/2017 3:00:00 PM	406800.000	73.864	17.993
168.360	29180.611	33689.344	21.284
22908.754	34.269	1.015	14.770
1/16/2017 3:05:00 PM	407100.000	73.879	17.993
168.392	29164.576	33670.762	21.271

22896.119	34.288	1.015	14.770
1/16/2017 3:10:00 PM	407400.000	73.878	17.993
168.391	29144.594	33647.887	21.256
22880.564	34.312	1.015	14.770
1/16/2017 3:15:00 PM	407700.000	73.877	17.993
168.387	29155.846	33660.492	21.264
22889.135	34.298	1.015	14.771
1/16/2017 3:20:00 PM	408000.000	73.874	17.993
168.382	29139.426	33641.918	21.251
22876.506	34.318	1.015	14.770
1/16/2017 3:25:00 PM	408300.000	73.877	17.993
168.388	29161.939	33667.855	21.269
22894.145	34.291	1.015	14.770
1/16/2017 3:30:00 PM	408600.000	73.877	17.993
168.389	29141.678	33644.594	21.253
22878.324	34.315	1.015	14.769
1/16/2017 3:35:00 PM	408900.000	73.869	17.993
168.371	29146.102	33649.625	21.257
22881.746	34.310	1.015	14.770
1/16/2017 3:40:00 PM	409200.000	73.873	17.993
168.379	29149.760	33653.602	21.260
22884.451	34.306	1.015	14.770
1/16/2017 3:45:00 PM	409500.000	73.870	17.993
168.373	29152.467	33656.918	21.262
22886.705	34.302	1.015	14.771
1/16/2017 3:50:00 PM	409800.000	73.870	17.993
168.373	29153.510	33658.055	21.263
22887.479	34.301	1.015	14.770
1/16/2017 3:55:00 PM	410100.000	73.868	17.992
168.369	29146.998	33651.121	21.258
22882.764	34.309	1.015	14.769
1/16/2017 4:00:00 PM	410400.000	73.865	17.993
168.362	29165.965	33672.824	21.273
22897.521	34.287	1.015	14.769
1/16/2017 4:05:00 PM	410700.000	73.862	17.993
168.354	29155.289	33660.426	21.264
22889.092	34.299	1.015	14.769
1/16/2017 4:10:00 PM	411000.000	73.857	17.993
168.343	29168.650	33675.789	21.275
22899.537	34.283	1.015	14.770
1/16/2017 4:15:00 PM	411300.000	73.855	17.993
168.338	29131.254	33632.676	21.245
22870.223	34.327	1.015	14.771
1/16/2017 4:20:00 PM	411600.000	73.847	17.992
168.320	29153.225	33658.504	21.263
22887.785	34.302	1.015	14.772
1/16/2017 4:25:00 PM	411900.000	73.850	17.993
168.327	29158.137	33663.715	21.267
22891.326	34.296	1.015	14.774
1/16/2017 4:30:00 PM	412200.000	73.844	17.993
168.314	29151.205	33655.461	21.261
22885.713	34.304	1.015	14.775
1/16/2017 4:35:00 PM	412500.000	73.843	17.994
168.310	29171.289	33678.133	21.277
22901.133	34.280	1.015	14.773

1/16/2017 4:40:00 PM	412800.000	73.840	17.993
168.304	29146.748	33650.316	21.257
22882.215	34.309	1.015	14.772
1/16/2017 4:45:00 PM	413100.000	73.844	17.993
168.312	29156.180	33661.070	21.265
22889.527	34.298	1.015	14.770
1/16/2017 4:50:00 PM	413400.000	73.837	17.993
168.298	29159.809	33665.129	21.268
22892.289	34.294	1.015	14.768
1/16/2017 4:55:00 PM	413700.000	73.838	17.993
168.300	29159.961	33665.699	21.268
22892.678	34.294	1.015	14.767
1/16/2017 5:00:00 PM	414000.000	73.836	17.993
168.296	29154.344	33659.270	21.263
22888.305	34.300	1.015	14.765
1/16/2017 5:05:00 PM	414300.000	73.833	17.993
168.288	29160.922	33666.930	21.269
22893.514	34.292	1.015	14.767
1/16/2017 5:10:00 PM	414600.000	73.829	17.993
168.278	29137.617	33639.707	21.250
22875.004	34.320	1.015	14.769
1/16/2017 5:15:00 PM	414900.000	73.823	17.993
168.265	29145.047	33648.086	21.256
22880.701	34.311	1.015	14.772
1/16/2017 5:20:00 PM	415200.000	73.825	17.992
168.270	29148.852	33653.125	21.259
22884.127	34.307	1.015	14.771
1/16/2017 5:25:00 PM	415500.000	73.818	17.993
168.255	29179.008	33687.426	21.283
22907.449	34.271	1.015	14.771
1/16/2017 5:30:00 PM	415800.000	73.819	17.993
168.256	29154.578	33659.164	21.263
22888.232	34.300	1.015	14.770
1/16/2017 5:35:00 PM	416100.000	73.813	17.993
168.242	29159.166	33664.840	21.267
22892.094	34.295	1.015	14.772
1/16/2017 5:40:00 PM	416400.000	73.811	17.993
168.238	29142.986	33646.223	21.254
22879.434	34.314	1.015	14.774
1/16/2017 5:45:00 PM	416700.000	73.807	17.993
168.229	29166.135	33672.828	21.273
22897.523	34.286	1.015	14.776
1/16/2017 5:50:00 PM	417000.000	73.803	17.993
168.219	29165.211	33671.688	21.272
22896.750	34.287	1.015	14.776
1/16/2017 5:55:00 PM	417300.000	73.804	17.993
168.221	29168.002	33674.855	21.274
22898.902	34.284	1.015	14.776
1/16/2017 6:00:00 PM	417600.000	73.782	17.993
168.171	29152.887	33657.266	21.262
22886.941	34.302	1.015	14.775
1/16/2017 6:05:00 PM	417900.000	73.799	17.993
168.211	29154.586	33659.613	21.264
22888.539	34.300	1.015	14.774
1/16/2017 6:10:00 PM	418200.000	73.800	17.992

168.214	29162.799	33669.227	21.270
22895.074	34.290	1.015	14.772
1/16/2017 6:15:00 PM	418500.000	73.802	17.993
168.218	29168.613	33675.883	21.275
22899.602	34.283	1.015	14.770
1/16/2017 6:20:00 PM	418800.000	73.797	17.993
168.207	29167.961	33674.863	21.274
22898.908	34.284	1.015	14.770
1/16/2017 6:25:00 PM	419100.000	73.794	17.993
168.199	29132.904	33634.066	21.246
22871.166	34.325	1.015	14.769
1/16/2017 6:30:00 PM	419400.000	73.792	17.993
168.194	29140.984	33643.910	21.253
22877.861	34.316	1.015	14.769
1/16/2017 6:35:00 PM	419700.000	73.786	17.993
168.181	29150.807	33655.324	21.261
22885.621	34.304	1.015	14.769
1/16/2017 6:40:00 PM	420000.000	73.785	17.993
168.179	29148.822	33652.961	21.259
22884.014	34.307	1.015	14.770
1/16/2017 6:45:00 PM	420300.000	73.780	17.993
168.167	29163.709	33669.953	21.271
22895.568	34.289	1.015	14.771
1/16/2017 6:50:00 PM	420600.000	73.778	17.993
168.162	29170.229	33677.426	21.276
22900.652	34.282	1.015	14.771
1/16/2017 6:55:00 PM	420900.000	73.773	17.993
168.152	29164.303	33670.906	21.272
22896.217	34.288	1.015	14.770
1/16/2017 7:00:00 PM	421200.000	73.777	17.992
168.161	29162.760	33669.184	21.270
22895.047	34.290	1.015	14.769
1/16/2017 7:05:00 PM	421500.000	73.773	17.992
168.152	29150.459	33655.047	21.260
22885.434	34.305	1.015	14.770
1/16/2017 7:10:00 PM	421800.000	73.773	17.993
168.152	29127.844	33628.547	21.242
22867.412	34.331	1.015	14.771
1/16/2017 7:15:00 PM	422100.000	73.768	17.993
168.140	29175.287	33683.320	21.280
22904.660	34.276	1.015	14.771
1/16/2017 7:20:00 PM	422400.000	73.763	17.994
168.129	29163.564	33669.273	21.270
22895.107	34.289	1.015	14.773
1/16/2017 7:25:00 PM	422700.000	73.757	17.994
168.114	29172.479	33679.434	21.277
22902.018	34.279	1.015	14.774
1/16/2017 7:30:00 PM	423000.000	73.752	17.993
168.103	29151.426	33655.449	21.261
22885.705	34.304	1.015	14.775
1/16/2017 7:35:00 PM	423300.000	73.760	17.993
168.122	29166.084	33672.695	21.273
22897.434	34.286	1.015	14.773
1/16/2017 7:40:00 PM	423600.000	73.757	17.993
168.116	29163.020	33669.102	21.270

22894.990	34.290	1.015	14.772
1/16/2017 7:45:00 PM	423900.000	73.756	17.993
168.114	29155.898	33661.129	21.265
22889.570	34.298	1.015	14.770
1/16/2017 7:50:00 PM	424200.000	73.755	17.993
168.110	29154.799	33659.859	21.264
22888.707	34.300	1.015	14.771
1/16/2017 7:55:00 PM	424500.000	73.749	17.993
168.096	29147.846	33651.254	21.258
22882.854	34.308	1.015	14.771
1/16/2017 8:00:00 PM	424800.000	73.746	17.993
168.090	29155.672	33660.352	21.264
22889.039	34.299	1.015	14.771
1/16/2017 8:05:00 PM	425100.000	73.742	17.993
168.080	29148.240	33652.168	21.259
22883.477	34.307	1.015	14.772
1/16/2017 8:10:00 PM	425400.000	73.747	17.993
168.092	29165.652	33672.273	21.272
22897.148	34.287	1.015	14.772
1/16/2017 8:15:00 PM	425700.000	73.741	17.993
168.079	29151.949	33656.320	21.261
22886.299	34.303	1.015	14.773
1/16/2017 8:20:00 PM	426000.000	73.736	17.993
168.067	29159.137	33664.352	21.267
22891.762	34.295	1.015	14.775
1/16/2017 8:25:00 PM	426300.000	73.735	17.993
168.065	29153.672	33658.496	21.263
22887.779	34.301	1.015	14.777
1/16/2017 8:30:00 PM	426600.000	73.729	17.993
168.052	29157.500	33662.730	21.266
22890.658	34.296	1.015	14.779
1/16/2017 8:35:00 PM	426900.000	73.730	17.993
168.053	29145.545	33648.734	21.256
22881.141	34.311	1.015	14.781
1/16/2017 8:40:00 PM	427200.000	73.725	17.993
168.043	29143.398	33646.637	21.255
22879.713	34.313	1.015	14.782
1/16/2017 8:45:00 PM	427500.000	73.723	17.993
168.037	29159.320	33664.695	21.267
22891.992	34.294	1.015	14.784
1/16/2017 8:50:00 PM	427800.000	73.721	17.993
168.032	29173.379	33681.246	21.279
22903.250	34.278	1.015	14.786
1/16/2017 8:55:00 PM	428100.000	73.715	17.993
168.018	29164.895	33671.516	21.272
22896.631	34.288	1.015	14.788
1/16/2017 9:00:00 PM	428400.000	73.714	17.993
168.017	29170.504	33677.871	21.276
22900.953	34.281	1.015	14.790
1/16/2017 9:05:00 PM	428700.000	73.718	17.993
168.026	29143.682	33646.707	21.255
22879.762	34.313	1.015	14.789
1/16/2017 9:10:00 PM	429000.000	73.713	17.993
168.015	29166.383	33673.039	21.273
22897.666	34.286	1.015	14.787

1/16/2017 9:15:00 PM	429300.000	73.717	17.993
168.025	29146.691	33650.250	21.257
22882.172	34.309	1.015	14.786
1/16/2017 9:20:00 PM	429600.000	73.719	17.993
168.028	29155.125	33660.172	21.264
22888.920	34.299	1.015	14.783
1/16/2017 9:25:00 PM	429900.000	73.718	17.993
168.025	29139.074	33641.703	21.251
22876.357	34.318	1.015	14.781
1/16/2017 9:30:00 PM	430200.000	73.723	17.993
168.038	29151.799	33656.469	21.261
22886.400	34.303	1.015	14.778
1/16/2017 9:35:00 PM	430500.000	73.723	17.993
168.038	29140.773	33643.668	21.253
22877.697	34.316	1.015	14.780
1/16/2017 9:40:00 PM	430800.000	73.716	17.993
168.021	29161.197	33667.129	21.269
22893.650	34.292	1.015	14.782
1/16/2017 9:45:00 PM	431100.000	73.720	17.993
168.031	29150.010	33654.137	21.260
22884.813	34.305	1.015	14.784
1/16/2017 9:50:00 PM	431400.000	73.714	17.993
168.017	29164.293	33670.242	21.271
22895.768	34.289	1.015	14.784
1/16/2017 9:55:00 PM	431700.000	73.719	17.993
168.027	29160.420	33666.422	21.268
22893.170	34.293	1.015	14.784
1/16/2017 10:00:00 PM	432000.000	73.716	17.993
168.021	29157.994	33663.430	21.266
22891.135	34.296	1.015	14.785
1/16/2017 10:05:00 PM	432300.000	73.718	17.993
168.026	29150.756	33654.945	21.260
22885.365	34.304	1.015	14.783
1/16/2017 10:10:00 PM	432600.000	73.720	17.993
168.030	29159.459	33665.238	21.268
22892.363	34.294	1.015	14.781
1/16/2017 10:15:00 PM	432900.000	73.722	17.993
168.036	29153.711	33658.602	21.263
22887.850	34.301	1.015	14.779
1/16/2017 10:20:00 PM	433200.000	73.725	17.993
168.042	29123.834	33623.793	21.239
22864.182	34.336	1.015	14.779
1/16/2017 10:25:00 PM	433500.000	73.722	17.992
168.036	29161.850	33668.133	21.270
22894.330	34.291	1.015	14.779
1/16/2017 10:30:00 PM	433800.000	73.725	17.993
168.041	29191.557	33702.297	21.293
22917.564	34.256	1.015	14.779
1/16/2017 10:35:00 PM	434100.000	73.716	17.993
168.023	29181.906	33690.836	21.285
22909.771	34.268	1.015	14.781
1/16/2017 10:40:00 PM	434400.000	73.724	17.993
168.041	29165.691	33671.996	21.272
22896.957	34.287	1.015	14.783
1/16/2017 10:45:00 PM	434700.000	73.720	17.993

168.030	29157.773	33663.102	21.266
22890.910	34.296	1.015	14.784
1/16/2017 10:50:00 PM	435000.000	73.719	17.993
168.027	29150.205	33654.363	21.260
22884.969	34.305	1.015	14.784
1/16/2017 10:55:00 PM	435300.000	73.726	17.993
168.043	29129.297	33630.102	21.243
22868.469	34.330	1.015	14.785
1/16/2017 11:00:00 PM	435600.000	73.707	17.994
168.001	29172.324	33679.387	21.277
22901.982	34.279	1.015	14.785
1/16/2017 11:05:00 PM	435900.000	73.727	17.992
168.047	29160.826	33667.215	21.269
22893.707	34.293	1.015	14.783
1/16/2017 11:10:00 PM	436200.000	73.736	17.993
168.068	29143.930	33647.191	21.255
22880.090	34.312	1.015	14.781
1/16/2017 11:15:00 PM	436500.000	73.737	17.993
168.069	29143.889	33647.016	21.255
22879.973	34.313	1.015	14.780
1/16/2017 11:20:00 PM	436800.000	73.740	17.993
168.076	29154.613	33659.133	21.263
22888.213	34.300	1.015	14.778
1/16/2017 11:25:00 PM	437100.000	73.740	17.993
168.077	29157.238	33662.613	21.266
22890.580	34.297	1.015	14.776
1/16/2017 11:30:00 PM	437400.000	73.746	17.993
168.090	29152.518	33657.164	21.262
22886.871	34.302	1.015	14.774
1/16/2017 11:35:00 PM	437700.000	73.742	17.993
168.080	29169.688	33676.801	21.276
22900.227	34.282	1.015	14.774
1/16/2017 11:40:00 PM	438000.000	73.752	17.993
168.102	29167.441	33674.457	21.274
22898.633	34.285	1.015	14.775
1/16/2017 11:45:00 PM	438300.000	73.744	17.993
168.084	29154.109	33659.063	21.263
22888.162	34.300	1.015	14.776
1/16/2017 11:50:00 PM	438600.000	73.752	17.993
168.102	29153.869	33658.723	21.263
22887.932	34.301	1.015	14.777
1/16/2017 11:55:00 PM	438900.000	73.753	17.993
168.106	29152.707	33657.324	21.262
22886.982	34.302	1.015	14.777
1/17/2017 12:00:00 AM	439200.000	73.755	17.993
168.110	29171.285	33678.969	21.277
22901.701	34.280	1.015	14.778
1/17/2017 12:05:00 AM	439500.000	73.760	17.993
168.121	29152.246	33656.664	21.262
22886.531	34.303	1.015	14.777
1/17/2017 12:10:00 AM	439800.000	73.757	17.993
168.115	29163.840	33670.234	21.271
22895.762	34.289	1.015	14.776
1/17/2017 12:15:00 AM	440100.000	73.763	17.993
168.130	29150.861	33655.121	21.261

22885.482	34.304	1.015	14.775
1/17/2017 12:20:00 AM	440400.000	73.767	17.993
168.137	29164.479	33670.648	21.271
22896.041	34.288	1.015	14.775
1/17/2017 12:25:00 AM	440700.000	73.743	17.993
168.083	29149.242	33653.383	21.259
22884.303	34.306	1.015	14.776
1/17/2017 12:30:00 AM	441000.000	73.765	17.993
168.134	29151.920	33656.344	21.261
22886.316	34.303	1.015	14.776
1/17/2017 12:35:00 AM	441300.000	73.763	17.993
168.129	29163.705	33669.758	21.271
22895.438	34.289	1.015	14.776
1/17/2017 12:40:00 AM	441600.000	73.764	17.993
168.130	29155.168	33659.969	21.264
22888.781	34.299	1.015	14.776
1/17/2017 12:45:00 AM	441900.000	73.772	17.993
168.148	29145.234	33648.379	21.256
22880.900	34.311	1.015	14.775
1/17/2017 12:50:00 AM	442200.000	73.771	17.993
168.147	29145.645	33649.172	21.256
22881.439	34.310	1.015	14.777
1/17/2017 12:55:00 AM	442500.000	73.775	17.993
168.155	29183.658	33692.984	21.287
22911.232	34.266	1.015	14.778
1/17/2017 1:00:00 AM	442800.000	73.774	17.993
168.154	29172.129	33679.289	21.277
22901.916	34.279	1.015	14.780
1/17/2017 1:05:00 AM	443100.000	73.780	17.993
168.167	29163.547	33670.035	21.271
22895.627	34.289	1.015	14.778
1/17/2017 1:10:00 AM	443400.000	73.790	17.993
168.191	29146.350	33650.043	21.257
22882.031	34.310	1.015	14.776
1/17/2017 1:15:00 AM	443700.000	73.788	17.993
168.185	29149.514	33653.758	21.260
22884.557	34.306	1.015	14.774
1/17/2017 1:20:00 AM	444000.000	73.792	17.992
168.195	29163.637	33670.195	21.271
22895.732	34.289	1.015	14.774
1/17/2017 1:25:00 AM	444300.000	73.795	17.993
168.203	29162.732	33668.828	21.270
22894.805	34.290	1.015	14.774
1/17/2017 1:30:00 AM	444600.000	73.797	17.992
168.206	29173.119	33681.211	21.279
22903.225	34.278	1.015	14.775
1/17/2017 1:35:00 AM	444900.000	73.793	17.993
168.198	29155.814	33660.914	21.265
22889.424	34.298	1.015	14.777
1/17/2017 1:40:00 AM	445200.000	73.796	17.993
168.205	29139.471	33642.043	21.251
22876.590	34.318	1.015	14.780
1/17/2017 1:45:00 AM	445500.000	73.803	17.993
168.221	29149.596	33653.660	21.260
22884.488	34.306	1.015	14.782

1/17/2017 1:50:00 AM	445800.000	73.805	17.993
168.225	29145.182	33648.832	21.256
22881.207	34.311	1.015	14.781
1/17/2017 1:55:00 AM	446100.000	73.807	17.993
168.230	29162.057	33668.238	21.270
22894.404	34.291	1.015	14.780
1/17/2017 2:00:00 AM	446400.000	73.809	17.992
168.235	29162.203	33668.730	21.270
22894.736	34.291	1.015	14.780
1/17/2017 2:05:00 AM	446700.000	73.816	17.992
168.250	29152.609	33657.465	21.262
22887.078	34.302	1.015	14.778
1/17/2017 2:10:00 AM	447000.000	73.821	17.993
168.260	29169.107	33676.063	21.275
22899.723	34.283	1.015	14.777
1/17/2017 2:15:00 AM	447300.000	73.824	17.993
168.267	29149.660	33653.809	21.260
22884.590	34.306	1.015	14.775
1/17/2017 2:20:00 AM	447600.000	73.824	17.993
168.268	29151.795	33656.074	21.261
22886.131	34.303	1.015	14.775
1/17/2017 2:25:00 AM	447900.000	73.823	17.993
168.265	29163.793	33669.859	21.271
22895.506	34.289	1.015	14.775
1/17/2017 2:30:00 AM	448200.000	73.823	17.993
168.265	29139.580	33641.711	21.251
22876.363	34.318	1.015	14.775
1/17/2017 2:35:00 AM	448500.000	73.827	17.992
168.274	29159.137	33665.000	21.267
22892.203	34.295	1.015	14.774
1/17/2017 2:40:00 AM	448800.000	73.830	17.993
168.282	29151.059	33655.027	21.261
22885.420	34.304	1.015	14.773
1/17/2017 2:45:00 AM	449100.000	73.831	17.993
168.283	29140.982	33643.906	21.253
22877.859	34.316	1.015	14.772
1/17/2017 2:50:00 AM	449400.000	73.831	17.992
168.284	29152.018	33657.043	21.262
22886.789	34.303	1.015	14.773
1/17/2017 2:55:00 AM	449700.000	73.829	17.993
168.279	29145.289	33648.688	21.256
22881.109	34.311	1.015	14.775
1/17/2017 3:00:00 AM	450000.000	73.829	17.993
168.280	29164.262	33670.668	21.271
22896.055	34.289	1.015	14.777
1/17/2017 3:05:00 AM	450300.000	73.833	17.993
168.288	29172.264	33679.773	21.278
22902.246	34.279	1.015	14.777
1/17/2017 3:10:00 AM	450600.000	73.833	17.993
168.289	29154.318	33659.059	21.263
22888.160	34.300	1.015	14.777
1/17/2017 3:15:00 AM	450900.000	73.836	17.993
168.295	29169.703	33676.875	21.276
22900.275	34.282	1.015	14.777
1/17/2017 3:20:00 AM	451200.000	73.837	17.993

168.297	29158.234	33663.824	21.267
22891.400	34.296	1.015	14.774
1/17/2017 3:25:00 AM	451500.000	73.846	17.993
168.317	29132.406	33633.758	21.246
22870.957	34.326	1.015	14.770
1/17/2017 3:30:00 AM	451800.000	73.848	17.992
168.323	29164.734	33671.461	21.272
22896.596	34.288	1.015	14.767
1/17/2017 3:35:00 AM	452100.000	73.845	17.992
168.316	29155.486	33660.852	21.265
22889.379	34.299	1.015	14.770
1/17/2017 3:40:00 AM	452400.000	73.846	17.992
168.318	29158.949	33664.852	21.267
22892.102	34.295	1.015	14.773
1/17/2017 3:45:00 AM	452700.000	73.848	17.993
168.322	29163.436	33669.512	21.271
22895.270	34.290	1.015	14.776
1/17/2017 3:50:00 AM	453000.000	73.846	17.993
168.319	29158.186	33663.707	21.267
22891.320	34.296	1.015	14.776
1/17/2017 3:55:00 AM	453300.000	73.847	17.993
168.319	29154.674	33659.074	21.263
22888.170	34.300	1.015	14.775
1/17/2017 4:00:00 AM	453600.000	73.849	17.993
168.326	29148.732	33652.664	21.259
22883.814	34.307	1.015	14.775
1/17/2017 4:05:00 AM	453900.000	73.850	17.992
168.326	29147.643	33651.730	21.258
22883.180	34.308	1.015	14.776
1/17/2017 4:10:00 AM	454200.000	73.847	17.992
168.320	29141.885	33645.082	21.254
22878.656	34.315	1.015	14.777
1/17/2017 4:15:00 AM	454500.000	73.854	17.993
168.335	29164.115	33670.297	21.271
22895.803	34.289	1.015	14.778
1/17/2017 4:20:00 AM	454800.000	73.855	17.992
168.338	29157.146	33662.770	21.266
22890.684	34.297	1.015	14.776
1/17/2017 4:25:00 AM	455100.000	73.853	17.993
168.333	29153.430	33657.840	21.262
22887.332	34.301	1.015	14.775
1/17/2017 4:30:00 AM	455400.000	73.850	17.993
168.326	29171.018	33678.391	21.277
22901.309	34.281	1.015	14.773
1/17/2017 4:35:00 AM	455700.000	73.834	17.992
168.290	29157.223	33663.250	21.266
22891.010	34.297	1.015	14.774
1/17/2017 4:40:00 AM	456000.000	73.858	17.993
168.344	29161.332	33667.285	21.269
22893.756	34.292	1.015	14.774
1/17/2017 4:45:00 AM	456300.000	73.855	17.992
168.339	29157.043	33662.648	21.266
22890.602	34.297	1.015	14.774
1/17/2017 4:50:00 AM	456600.000	73.854	17.992
168.336	29161.082	33667.246	21.269

22893.730	34.292	1.015	14.777
1/17/2017 4:55:00 AM	456900.000	73.853	17.993
168.334	29151.807	33656.156	21.261
22886.188	34.303	1.015	14.781
1/17/2017 5:00:00 AM	457200.000	73.848	17.993
168.323	29131.350	33632.723	21.245
22870.252	34.327	1.015	14.784
1/17/2017 5:05:00 AM	457500.000	73.852	17.993
168.331	29160.832	33666.383	21.268
22893.141	34.293	1.015	14.780
1/17/2017 5:10:00 AM	457800.000	73.859	17.992
168.347	29159.826	33665.930	21.268
22892.834	34.294	1.015	14.775
1/17/2017 5:15:00 AM	458100.000	73.856	17.992
168.340	29146.240	33650.246	21.257
22882.170	34.310	1.015	14.770
1/17/2017 5:20:00 AM	458400.000	73.860	17.992
168.349	29150.402	33654.914	21.260
22885.344	34.305	1.015	14.772
1/17/2017 5:25:00 AM	458700.000	73.861	17.993
168.351	29160.322	33665.797	21.268
22892.744	34.293	1.015	14.773
1/17/2017 5:30:00 AM	459000.000	73.856	17.993
168.341	29165.078	33671.535	21.272
22896.646	34.288	1.015	14.775
1/17/2017 5:35:00 AM	459300.000	73.837	17.993
168.298	29177.396	33685.949	21.282
22906.447	34.273	1.015	14.775
1/17/2017 5:40:00 AM	459600.000	73.852	17.993
168.331	29156.865	33661.805	21.265
22890.027	34.297	1.015	14.774
1/17/2017 5:45:00 AM	459900.000	73.856	17.993
168.341	29176.447	33684.660	21.281
22905.568	34.274	1.015	14.773
1/17/2017 5:50:00 AM	460200.000	73.851	17.992
168.328	29184.576	33694.961	21.288
22912.574	34.265	1.015	14.773
1/17/2017 5:55:00 AM	460500.000	73.856	17.992
168.342	29159.059	33664.977	21.267
22892.186	34.295	1.015	14.772
1/17/2017 6:00:00 AM	460800.000	73.851	17.992
168.330	29167.709	33674.895	21.274
22898.930	34.284	1.015	14.772
1/17/2017 6:05:00 AM	461100.000	73.852	17.993
168.332	29159.322	33665.020	21.267
22892.213	34.294	1.015	14.772
1/17/2017 6:10:00 AM	461400.000	73.851	17.993
168.329	29142.969	33646.273	21.254
22879.467	34.314	1.015	14.772
1/17/2017 6:15:00 AM	461700.000	73.846	17.993
168.318	29138.018	33640.484	21.250
22875.529	34.319	1.015	14.773
1/17/2017 6:20:00 AM	462000.000	73.846	17.993
168.318	29156.633	33661.914	21.265
22890.102	34.298	1.015	14.773

1/17/2017 6:25:00 AM	462300.000	73.847	17.993
168.320	29160.332	33666.184	21.268
22893.008	34.293	1.015	14.773
1/17/2017 6:30:00 AM	462600.000	73.832	17.993
168.285	29165.537	33671.816	21.272
22896.838	34.287	1.015	14.773
1/17/2017 6:35:00 AM	462900.000	73.842	17.993
168.308	29167.307	33674.375	21.274
22898.576	34.285	1.015	14.774
1/17/2017 6:40:00 AM	463200.000	73.845	17.993
168.316	29149.965	33654.215	21.260
22884.869	34.305	1.015	14.775
1/17/2017 6:45:00 AM	463500.000	73.847	17.992
168.319	29160.484	33666.555	21.268
22893.260	34.293	1.015	14.775
1/17/2017 6:50:00 AM	463800.000	73.843	17.993
168.311	29137.119	33639.129	21.249
22874.609	34.320	1.015	14.774
1/17/2017 6:55:00 AM	464100.000	73.839	17.993
168.302	29129.850	33631.129	21.244
22869.170	34.329	1.015	14.773
1/17/2017 7:00:00 AM	464400.000	73.845	17.993
168.315	29175.350	33683.395	21.280
22904.711	34.276	1.015	14.773
1/17/2017 7:05:00 AM	464700.000	73.840	17.993
168.303	29146.643	33650.324	21.257
22882.221	34.309	1.015	14.775
1/17/2017 7:10:00 AM	465000.000	73.836	17.993
168.295	29150.059	33654.324	21.260
22884.943	34.305	1.015	14.778
1/17/2017 7:15:00 AM	465300.000	73.835	17.993
168.293	29158.826	33664.445	21.267
22891.822	34.295	1.015	14.781
1/17/2017 7:20:00 AM	465600.000	73.838	17.993
168.300	29145.145	33648.465	21.256
22880.959	34.311	1.015	14.779
1/17/2017 7:25:00 AM	465900.000	73.837	17.993
168.296	29160.775	33666.641	21.269
22893.318	34.293	1.015	14.777
1/17/2017 7:30:00 AM	466200.000	73.833	17.993
168.289	29170.891	33678.246	21.277
22901.209	34.281	1.015	14.775
1/17/2017 7:35:00 AM	466500.000	73.837	17.992
168.297	29154.305	33659.422	21.264
22888.406	34.300	1.015	14.776
1/17/2017 7:40:00 AM	466800.000	73.833	17.993
168.289	29157.221	33662.465	21.266
22890.479	34.297	1.015	14.778
1/17/2017 7:45:00 AM	467100.000	73.830	17.993
168.282	29163.305	33669.680	21.271
22895.385	34.290	1.015	14.780
1/17/2017 7:50:00 AM	467400.000	73.830	17.993
168.281	29153.254	33657.957	21.263
22887.410	34.301	1.015	14.776
1/17/2017 7:55:00 AM	467700.000	73.825	17.992

168.269	29165.617	33672.746	21.273
22897.469	34.287	1.015	14.773
1/17/2017 8:00:00 AM	468000.000	73.813	17.992
168.243	29163.621	33670.637	21.271
22896.035	34.289	1.015	14.769
1/17/2017 8:05:00 AM	468300.000	73.827	17.993
168.275	29145.342	33648.750	21.256
22881.150	34.311	1.015	14.769
1/17/2017 8:10:00 AM	468600.000	73.824	17.993
168.267	29145.641	33648.848	21.256
22881.219	34.310	1.015	14.768
1/17/2017 8:15:00 AM	468900.000	73.818	17.993
168.255	29164.389	33670.813	21.271
22896.152	34.288	1.015	14.767
1/17/2017 8:20:00 AM	469200.000	73.818	17.993
168.254	29147.277	33651.113	21.258
22882.760	34.309	1.015	14.761
1/17/2017 8:25:00 AM	469500.000	73.827	17.992
168.274	29180.670	33690.125	21.285
22909.287	34.269	1.015	14.755
1/17/2017 8:30:00 AM	469800.000	73.839	17.992
168.301	29160.428	33666.625	21.269
22893.305	34.293	1.015	14.749
1/17/2017 8:35:00 AM	470100.000	73.838	17.992
168.299	29140.227	33643.234	21.252
22877.400	34.317	1.015	14.751
1/17/2017 8:40:00 AM	470400.000	73.839	17.993
168.301	29166.047	33672.918	21.273
22897.584	34.286	1.015	14.754
1/17/2017 8:45:00 AM	470700.000	73.815	17.992
168.246	29155.264	33660.594	21.264
22889.203	34.299	1.015	14.756
1/17/2017 8:50:00 AM	471000.000	73.832	17.993
168.285	29172.924	33680.723	21.278
22902.893	34.278	1.015	14.760
1/17/2017 8:55:00 AM	471300.000	73.823	17.993
168.264	29171.838	33679.605	21.278
22902.135	34.280	1.015	14.765
1/17/2017 9:00:00 AM	471600.000	73.819	17.993
168.257	29152.525	33656.988	21.262
22886.754	34.302	1.015	14.770
1/17/2017 9:05:00 AM	471900.000	73.817	17.993
168.251	29157.453	33662.676	21.266
22890.619	34.297	1.015	14.771
1/17/2017 9:10:00 AM	472200.000	73.825	17.994
168.270	29165.252	33671.223	21.272
22896.434	34.287	1.015	14.773
1/17/2017 9:15:00 AM	472500.000	73.828	17.992
168.276	29159.186	33665.055	21.267
22892.238	34.295	1.015	14.774
1/17/2017 9:20:00 AM	472800.000	73.824	17.993
168.268	29153.166	33657.855	21.262
22887.342	34.302	1.015	14.781
1/17/2017 9:25:00 AM	473100.000	73.823	17.993
168.264	29141.486	33644.105	21.253

22877.992	34.315	1.015	14.788
1/17/2017 9:30:00 AM	473400.000	73.820	17.993
168.259	29163.613	33669.844	21.271
22895.494	34.289	1.015	14.795
1/17/2017 9:35:00 AM	473700.000	73.814	17.993
168.245	29158.445	33663.684	21.267
22891.307	34.295	1.015	14.797
1/17/2017 9:40:00 AM	474000.000	73.814	17.993
168.245	29160.301	33666.148	21.268
22892.982	34.293	1.015	14.799
1/17/2017 9:45:00 AM	474300.000	73.815	17.993
168.247	29143.279	33646.313	21.254
22879.494	34.313	1.015	14.802
1/17/2017 9:50:00 AM	474600.000	73.812	17.993
168.240	29158.629	33664.164	21.267
22891.633	34.295	1.015	14.801
1/17/2017 9:55:00 AM	474900.000	73.814	17.993
168.245	29158.494	33664.008	21.267
22891.527	34.295	1.015	14.801
1/17/2017 10:00:00 AM	475200.000	73.819	17.993
168.256	29137.018	33639.211	21.249
22874.664	34.321	1.015	14.801
1/17/2017 10:05:00 AM	475500.000	73.818	17.993
168.253	29161.889	33667.926	21.269
22894.189	34.291	1.015	14.804
1/17/2017 10:10:00 AM	475800.000	73.814	17.993
168.245	29170.113	33677.477	21.276
22900.684	34.282	1.015	14.808
1/17/2017 10:15:00 AM	476100.000	73.811	17.992
168.238	29179.598	33688.621	21.284
22908.262	34.271	1.015	14.811
1/17/2017 10:20:00 AM	476400.000	73.814	17.993
168.245	29147.416	33651.145	21.258
22882.779	34.308	1.015	14.810
1/17/2017 10:25:00 AM	476700.000	73.814	17.993
168.245	29144.936	33648.473	21.256
22880.963	34.311	1.015	14.808
1/17/2017 10:30:00 AM	477000.000	73.814	17.992
168.244	29180.412	33689.828	21.285
22909.084	34.270	1.015	14.806
1/17/2017 10:35:00 AM	477300.000	73.811	17.993
168.239	29154.527	33659.426	21.264
22888.410	34.300	1.015	14.803
1/17/2017 10:40:00 AM	477600.000	73.811	17.992
168.237	29151.531	33656.219	21.261
22886.230	34.304	1.015	14.800
1/17/2017 10:45:00 AM	477900.000	73.822	17.993
168.264	29175.740	33684.109	21.281
22905.197	34.275	1.015	14.797
1/17/2017 10:50:00 AM	478200.000	73.820	17.993
168.259	29148.391	33652.078	21.258
22883.416	34.307	1.015	14.797
1/17/2017 10:55:00 AM	478500.000	73.814	17.993
168.245	29156.730	33662.164	21.265
22890.271	34.297	1.015	14.797

1/17/2017 11:00:00 AM	478800.000	73.822	17.992
168.264	29149.145	33653.465	21.259
22884.357	34.306	1.015	14.797
1/17/2017 11:05:00 AM	479100.000	73.820	17.993
168.259	29163.141	33669.563	21.271
22895.305	34.290	1.015	14.795
1/17/2017 11:10:00 AM	479400.000	73.823	17.993
168.264	29151.184	33655.492	21.261
22885.734	34.304	1.015	14.793
1/17/2017 11:15:00 AM	479700.000	73.831	17.993
168.285	29154.121	33658.957	21.263
22888.092	34.300	1.015	14.790
1/17/2017 11:20:00 AM	480000.000	73.831	17.993
168.284	29152.570	33657.223	21.262
22886.914	34.302	1.015	14.791
1/17/2017 11:25:00 AM	480300.000	73.826	17.993
168.272	29158.408	33664.027	21.267
22891.541	34.295	1.015	14.792
1/17/2017 11:30:00 AM	480600.000	73.825	17.993
168.270	29146.096	33649.492	21.257
22881.654	34.310	1.015	14.792
1/17/2017 11:35:00 AM	480900.000	73.827	17.992
168.275	29174.281	33682.617	21.280
22904.180	34.277	1.015	14.792
1/17/2017 11:40:00 AM	481200.000	73.825	17.992
168.271	29159.131	33664.992	21.267
22892.197	34.295	1.015	14.792
1/17/2017 11:45:00 AM	481500.000	73.826	17.993
168.273	29149.713	33654.063	21.260
22884.766	34.306	1.015	14.792
1/17/2017 11:50:00 AM	481800.000	73.823	17.993
168.265	29154.721	33659.652	21.264
22888.564	34.300	1.015	14.790
1/17/2017 11:55:00 AM	482100.000	73.830	17.993
168.281	29157.596	33663.090	21.266
22890.902	34.296	1.015	14.789
1/17/2017 12:00:00 PM	482400.000	73.830	17.993
168.282	29162.840	33669.023	21.270
22894.938	34.290	1.015	14.787
1/17/2017 12:05:00 PM	482700.000	73.836	17.993
168.294	29157.928	33663.473	21.266
22891.162	34.296	1.015	14.787
1/17/2017 12:10:00 PM	483000.000	73.834	17.993
168.291	29159.180	33664.855	21.267
22892.104	34.295	1.015	14.788
1/17/2017 12:15:00 PM	483300.000	73.832	17.993
168.286	29143.934	33647.254	21.255
22880.135	34.312	1.015	14.788
1/17/2017 12:20:00 PM	483600.000	73.829	17.993
168.279	29163.666	33669.977	21.271
22895.586	34.289	1.015	14.784
1/17/2017 12:25:00 PM	483900.000	73.842	17.993
168.309	29168.660	33675.863	21.275
22899.590	34.283	1.015	14.781
1/17/2017 12:30:00 PM	484200.000	73.840	17.993

168.304	29162.240	33668.133	21.270
22894.330	34.291	1.015	14.778
1/17/2017 12:35:00 PM	484500.000	73.845	17.993
168.315	29151.057	33655.613	21.261
22885.816	34.304	1.015	14.778
1/17/2017 12:40:00 PM	484800.000	73.842	17.993
168.309	29167.555	33674.395	21.274
22898.588	34.285	1.015	14.778
1/17/2017 12:45:00 PM	485100.000	73.842	17.992
168.309	29161.148	33667.391	21.269
22893.828	34.292	1.015	14.778
1/17/2017 12:50:00 PM	485400.000	73.844	17.993
168.314	29171.346	33678.645	21.277
22901.480	34.280	1.015	14.778
1/17/2017 12:55:00 PM	485700.000	73.844	17.993
168.313	29159.148	33664.883	21.267
22892.123	34.295	1.015	14.778
1/17/2017 1:00:00 PM	486000.000	73.846	17.993
168.317	29151.496	33655.930	21.261
22886.033	34.304	1.015	14.778
1/17/2017 1:05:00 PM	486300.000	73.828	17.992
168.278	29145.877	33649.758	21.257
22881.838	34.310	1.015	14.775
1/17/2017 1:10:00 PM	486600.000	73.850	17.993
168.327	29151.896	33656.445	21.261
22886.383	34.303	1.015	14.772
1/17/2017 1:15:00 PM	486900.000	73.851	17.993
168.329	29149.104	33653.285	21.259
22884.236	34.306	1.015	14.769
1/17/2017 1:20:00 PM	487200.000	73.853	17.993
168.334	29158.180	33663.762	21.267
22891.359	34.296	1.015	14.769
1/17/2017 1:25:00 PM	487500.000	73.836	17.993
168.295	29168.711	33675.730	21.275
22899.498	34.283	1.015	14.769
1/17/2017 1:30:00 PM	487800.000	73.856	17.993
168.340	29166.965	33673.906	21.274
22898.256	34.285	1.015	14.768
1/17/2017 1:35:00 PM	488100.000	73.856	17.993
168.341	29129.242	33630.035	21.243
22868.426	34.330	1.015	14.768
1/17/2017 1:40:00 PM	488400.000	73.851	17.992
168.329	29153.914	33659.105	21.263
22888.193	34.301	1.015	14.768
1/17/2017 1:45:00 PM	488700.000	73.862	17.993
168.353	29151.311	33655.906	21.261
22886.018	34.304	1.015	14.768
1/17/2017 1:50:00 PM	489000.000	73.852	17.993
168.332	29163.436	33669.711	21.271
22895.404	34.290	1.015	14.770
1/17/2017 1:55:00 PM	489300.000	73.857	17.992
168.342	29145.836	33649.645	21.257
22881.760	34.310	1.015	14.772
1/17/2017 2:00:00 PM	489600.000	73.855	17.993
168.338	29149.807	33654.098	21.260

22884.789	34.306	1.015	14.774
1/17/2017 2:05:00 PM	489900.000	73.855	17.993
168.339	29169.008	33676.203	21.275
22899.820	34.283	1.015	14.774
1/17/2017 2:10:00 PM	490200.000	73.836	17.993
168.295	29171.621	33679.355	21.277
22901.965	34.280	1.015	14.774
1/17/2017 2:15:00 PM	490500.000	73.843	17.993
168.310	29145.137	33648.586	21.256
22881.041	34.311	1.015	14.774
1/17/2017 2:20:00 PM	490800.000	73.860	17.992
168.350	29146.988	33650.973	21.258
22882.664	34.309	1.015	14.773
1/17/2017 2:25:00 PM	491100.000	73.864	17.993
168.358	29159.188	33665.000	21.267
22892.203	34.295	1.015	14.771
1/17/2017 2:30:00 PM	491400.000	73.858	17.992
168.346	29161.291	33667.621	21.269
22893.984	34.292	1.015	14.770
1/17/2017 2:35:00 PM	491700.000	73.863	17.993
168.356	29149.992	33654.191	21.260
22884.852	34.305	1.015	14.771
1/17/2017 2:40:00 PM	492000.000	73.856	17.993
168.341	29156.955	33662.285	21.266
22890.354	34.297	1.015	14.773
1/17/2017 2:45:00 PM	492300.000	73.855	17.993
168.338	29142.270	33645.145	21.254
22878.701	34.314	1.015	14.774
1/17/2017 2:50:00 PM	492600.000	73.838	17.993
168.300	29163.217	33669.578	21.271
22895.313	34.290	1.015	14.774
1/17/2017 2:55:00 PM	492900.000	73.862	17.993
168.354	29158.977	33664.492	21.267
22891.857	34.295	1.015	14.773
1/17/2017 3:00:00 PM	493200.000	73.862	17.993
168.354	29142.434	33645.391	21.254
22878.865	34.314	1.015	14.772
1/17/2017 3:05:00 PM	493500.000	73.860	17.992
168.349	29143.438	33646.941	21.255
22879.922	34.313	1.015	14.774
1/17/2017 3:10:00 PM	493800.000	73.855	17.993
168.338	29157.531	33662.953	21.266
22890.811	34.296	1.015	14.776
1/17/2017 3:15:00 PM	494100.000	73.857	17.993
168.344	29148.246	33652.047	21.258
22883.395	34.307	1.015	14.779
1/17/2017 3:20:00 PM	494400.000	73.857	17.993
168.342	29157.637	33662.816	21.266
22890.717	34.296	1.015	14.776
1/17/2017 3:25:00 PM	494700.000	73.857	17.993
168.344	29168.854	33675.699	21.275
22899.477	34.283	1.015	14.774
1/17/2017 3:30:00 PM	495000.000	73.864	17.993
168.358	29163.781	33669.715	21.271
22895.406	34.289	1.015	14.772

1/17/2017 3:35:00 PM	495300.000	73.860	17.993
168.349	29154.867	33659.746	21.264
22888.629	34.300	1.015	14.772
1/17/2017 3:40:00 PM	495600.000	73.863	17.993
168.356	29159.416	33664.996	21.267
22892.199	34.294	1.015	14.771
1/17/2017 3:45:00 PM	495900.000	73.864	17.993
168.359	29156.473	33661.598	21.265
22889.887	34.298	1.015	14.771
1/17/2017 3:50:00 PM	496200.000	73.862	17.993
168.354	29157.043	33662.523	21.266
22890.516	34.297	1.015	14.772
1/17/2017 3:55:00 PM	496500.000	73.856	17.993
168.340	29152.666	33657.078	21.262
22886.814	34.302	1.015	14.774
1/17/2017 4:00:00 PM	496800.000	73.858	17.992
168.346	29151.363	33656.023	21.261
22886.098	34.304	1.015	14.775
1/17/2017 4:05:00 PM	497100.000	73.848	17.993
168.323	29160.174	33665.816	21.268
22892.758	34.293	1.015	14.779
1/17/2017 4:10:00 PM	497400.000	73.845	17.993
168.315	29179.820	33688.430	21.284
22908.135	34.270	1.015	14.782
1/17/2017 4:15:00 PM	497700.000	73.838	17.992
168.298	29155.615	33661.000	21.265
22889.482	34.299	1.015	14.786
1/17/2017 4:20:00 PM	498000.000	73.844	17.992
168.313	29167.553	33674.715	21.274
22898.807	34.285	1.015	14.788
1/17/2017 4:25:00 PM	498300.000	73.844	17.992
168.314	29152.891	33658.051	21.263
22887.477	34.302	1.015	14.789
1/17/2017 4:30:00 PM	498600.000	73.846	17.992
168.318	29159.314	33665.273	21.268
22892.387	34.294	1.015	14.790
1/17/2017 4:35:00 PM	498900.000	73.845	17.993
168.314	29176.301	33684.367	21.281
22905.371	34.274	1.015	14.787
1/17/2017 4:40:00 PM	499200.000	73.845	17.993
168.315	29163.504	33669.719	21.271
22895.408	34.289	1.015	14.784
1/17/2017 4:45:00 PM	499500.000	73.828	17.992
168.278	29149.904	33654.477	21.260
22885.047	34.305	1.015	14.780
1/17/2017 4:50:00 PM	499800.000	73.844	17.993
168.312	29145.689	33649.148	21.256
22881.422	34.310	1.015	14.783
1/17/2017 4:55:00 PM	500100.000	73.838	17.993
168.300	29145.635	33648.766	21.256
22881.160	34.310	1.015	14.786
1/17/2017 5:00:00 PM	500400.000	73.835	17.993
168.293	29139.072	33641.387	21.251
22876.145	34.318	1.015	14.789
1/17/2017 5:05:00 PM	500700.000	73.838	17.993

168.300	29159.787	33665.555	21.268
22892.580	34.294	1.015	14.790
1/17/2017 5:10:00 PM	501000.000	73.832	17.993
168.286	29158.881	33664.379	21.267
22891.779	34.295	1.015	14.792
1/17/2017 5:15:00 PM	501300.000	73.830	17.993
168.282	29145.545	33648.926	21.256
22881.271	34.311	1.015	14.794
1/17/2017 5:20:00 PM	501600.000	73.833	17.993
168.288	29148.508	33652.277	21.259
22883.551	34.307	1.015	14.794
1/17/2017 5:25:00 PM	501900.000	73.829	17.992
168.280	29159.873	33665.852	21.268
22892.781	34.294	1.015	14.794
1/17/2017 5:30:00 PM	502200.000	73.825	17.993
168.270	29151.555	33656.113	21.261
22886.160	34.303	1.015	14.794
1/17/2017 5:35:00 PM	502500.000	73.825	17.992
168.270	29166.018	33672.945	21.273
22897.604	34.286	1.015	14.793
1/17/2017 5:40:00 PM	502800.000	73.828	17.993
168.276	29150.611	33654.906	21.260
22885.338	34.305	1.015	14.792
1/17/2017 5:45:00 PM	503100.000	73.827	17.993
168.273	29153.031	33657.625	21.262
22887.186	34.302	1.015	14.791
1/17/2017 5:50:00 PM	503400.000	73.820	17.993
168.259	29149.301	33653.320	21.259
22884.258	34.306	1.015	14.791
1/17/2017 5:55:00 PM	503700.000	73.816	17.993
168.250	29152.297	33656.723	21.262
22886.574	34.303	1.015	14.790
1/17/2017 6:00:00 PM	504000.000	73.815	17.993
168.248	29154.572	33659.480	21.264
22888.449	34.300	1.015	14.790
1/17/2017 6:05:00 PM	504300.000	73.812	17.993
168.241	29166.639	33673.527	21.273
22897.998	34.286	1.015	14.793
1/17/2017 6:10:00 PM	504600.000	73.805	17.993
168.225	29160.258	33665.844	21.268
22892.775	34.293	1.015	14.797
1/17/2017 6:15:00 PM	504900.000	73.804	17.993
168.222	29157.867	33663.340	21.266
22891.072	34.296	1.015	14.800
1/17/2017 6:20:00 PM	505200.000	73.803	17.994
168.221	29155.070	33659.465	21.264
22888.438	34.299	1.015	14.799
1/17/2017 6:25:00 PM	505500.000	73.802	17.993
168.216	29156.537	33661.551	21.265
22889.855	34.298	1.015	14.798
1/17/2017 6:30:00 PM	505800.000	73.801	17.993
168.215	29145.135	33648.703	21.256
22881.121	34.311	1.015	14.796
1/17/2017 6:35:00 PM	506100.000	73.795	17.992
168.203	29159.361	33665.258	21.268

22892.375	34.294	1.015	14.796
1/17/2017 6:40:00 PM	506400.000	73.793	17.993
168.198	29170.328	33677.402	21.276
22900.637	34.281	1.015	14.796
1/17/2017 6:45:00 PM	506700.000	73.788	17.993
168.186	29161.889	33667.660	21.269
22894.010	34.291	1.015	14.796
1/17/2017 6:50:00 PM	507000.000	73.790	17.993
168.190	29168.465	33675.574	21.275
22899.391	34.284	1.015	14.797
1/17/2017 6:55:00 PM	507300.000	73.788	17.993
168.186	29149.045	33653.289	21.259
22884.236	34.306	1.015	14.797
1/17/2017 7:00:00 PM	507600.000	73.784	17.992
168.177	29171.561	33679.605	21.278
22902.135	34.280	1.015	14.797
1/17/2017 7:05:00 PM	507900.000	73.783	17.993
168.173	29157.385	33662.652	21.266
22890.604	34.297	1.015	14.796
1/17/2017 7:10:00 PM	508200.000	73.784	17.993
168.176	29159.783	33665.496	21.268
22892.537	34.294	1.015	14.795
1/17/2017 7:15:00 PM	508500.000	73.760	17.993
168.123	29161.986	33668.039	21.270
22894.268	34.291	1.015	14.794
1/17/2017 7:20:00 PM	508800.000	73.780	17.992
168.168	29162.605	33669.141	21.270
22895.018	34.290	1.015	14.795
1/17/2017 7:25:00 PM	509100.000	73.775	17.993
168.156	29181.811	33690.980	21.285
22909.869	34.268	1.015	14.796
1/17/2017 7:30:00 PM	509400.000	73.769	17.993
168.142	29136.057	33638.223	21.249
22873.992	34.322	1.015	14.798
1/17/2017 7:35:00 PM	509700.000	73.773	17.993
168.151	29156.270	33661.496	21.265
22889.820	34.298	1.015	14.799
1/17/2017 7:40:00 PM	510000.000	73.767	17.992
168.137	29165.137	33672.063	21.272
22897.004	34.288	1.015	14.800
1/17/2017 7:45:00 PM	510300.000	73.764	17.993
168.131	29178.504	33687.227	21.283
22907.316	34.272	1.015	14.801
1/17/2017 7:50:00 PM	510600.000	73.759	17.993
168.119	29165.754	33672.445	21.273
22897.264	34.287	1.015	14.801
1/17/2017 7:55:00 PM	510900.000	73.763	17.992
168.128	29156.826	33662.523	21.266
22890.516	34.297	1.015	14.802
1/17/2017 8:00:00 PM	511200.000	73.759	17.992
168.120	29139.072	33641.836	21.251
22876.449	34.318	1.015	14.802
1/17/2017 8:05:00 PM	511500.000	73.756	17.993
168.112	29163.666	33670.035	21.271
22895.627	34.289	1.015	14.803

1/17/2017 8:10:00 PM	511800.000	73.752	17.993
168.105	29147.037	33650.836	21.258
22882.570	34.309	1.015	14.804
1/17/2017 8:15:00 PM	512100.000	73.748	17.993
168.095	29161.291	33667.039	21.269
22893.588	34.292	1.015	14.805
1/17/2017 8:20:00 PM	512400.000	73.754	17.992
168.108	29170.375	33678.168	21.277
22901.156	34.281	1.015	14.805
1/17/2017 8:25:00 PM	512700.000	73.753	17.993
168.106	29154.574	33659.676	21.264
22888.580	34.300	1.015	14.805
1/17/2017 8:30:00 PM	513000.000	73.748	17.993
168.095	29160.395	33666.320	21.268
22893.100	34.293	1.015	14.805
1/17/2017 8:35:00 PM	513300.000	73.748	17.993
168.093	29156.318	33661.230	21.265
22889.637	34.298	1.015	14.805
1/17/2017 8:40:00 PM	513600.000	73.745	17.993
168.088	29144.182	33647.602	21.255
22880.371	34.312	1.015	14.805
1/17/2017 8:45:00 PM	513900.000	73.744	17.993
168.086	29168.008	33674.863	21.274
22898.908	34.284	1.015	14.806
1/17/2017 8:50:00 PM	514200.000	73.740	17.992
168.077	29161.150	33667.324	21.269
22893.781	34.292	1.015	14.804
1/17/2017 8:55:00 PM	514500.000	73.740	17.993
168.077	29162.383	33668.297	21.270
22894.441	34.291	1.015	14.803
1/17/2017 9:00:00 PM	514800.000	73.735	17.993
168.065	29144.723	33648.109	21.256
22880.717	34.312	1.015	14.802
1/17/2017 9:05:00 PM	515100.000	73.738	17.992
168.072	29150.553	33655.477	21.261
22885.725	34.305	1.015	14.800
1/17/2017 9:10:00 PM	515400.000	73.742	17.992
168.081	29151.957	33656.777	21.262
22886.609	34.303	1.015	14.798
1/17/2017 9:15:00 PM	515700.000	73.741	17.993
168.079	29170.223	33677.605	21.276
22900.771	34.282	1.015	14.795
1/17/2017 9:20:00 PM	516000.000	73.734	17.993
168.063	29153.566	33658.051	21.263
22887.477	34.301	1.015	14.795
1/17/2017 9:25:00 PM	516300.000	73.738	17.993
168.071	29155.709	33660.984	21.265
22889.469	34.299	1.015	14.794
1/17/2017 9:30:00 PM	516600.000	73.737	17.992
168.069	29144.031	33647.754	21.255
22880.475	34.312	1.015	14.794
1/17/2017 9:35:00 PM	516900.000	73.735	17.992
168.065	29167.160	33674.262	21.274
22898.498	34.285	1.015	14.792
1/17/2017 9:40:00 PM	517200.000	73.738	17.992

168.073	29177.438	33686.129	21.282
22906.568	34.273	1.015	14.791
1/17/2017 9:45:00 PM	517500.000	73.740	17.993
168.075	29150.307	33654.672	21.260
22885.180	34.305	1.015	14.790
1/17/2017 9:50:00 PM	517800.000	73.735	17.993
168.064	29167.398	33674.480	21.274
22898.646	34.285	1.015	14.790
1/17/2017 9:55:00 PM	518100.000	73.735	17.993
168.065	29162.928	33669.184	21.270
22895.047	34.290	1.015	14.790
1/17/2017 10:00:00 PM	518400.000	73.733	17.993
168.059	29150.498	33654.508	21.260
22885.066	34.305	1.015	14.790
1/17/2017 10:05:00 PM	518700.000	73.731	17.993
168.056	29156.131	33661.398	21.265
22889.754	34.298	1.015	14.789
1/17/2017 10:10:00 PM	519000.000	73.715	17.993
168.018	29145.641	33649.039	21.256
22881.350	34.310	1.015	14.789
1/17/2017 10:15:00 PM	519300.000	73.737	17.993
168.069	29163.289	33669.543	21.271
22895.291	34.290	1.015	14.788
1/17/2017 10:20:00 PM	519600.000	73.733	17.993
168.059	29155.023	33659.871	21.264
22888.713	34.299	1.015	14.790
1/17/2017 10:25:00 PM	519900.000	73.730	17.992
168.053	29164.195	33670.840	21.271
22896.174	34.289	1.015	14.793
1/17/2017 10:30:00 PM	520200.000	73.725	17.992
168.043	29131.494	33633.086	21.245
22870.498	34.327	1.015	14.795
1/17/2017 10:35:00 PM	520500.000	73.732	17.993
168.058	29154.814	33659.953	21.264
22888.770	34.300	1.015	14.795
1/17/2017 10:40:00 PM	520800.000	73.734	17.992
168.062	29150.596	33655.273	21.261
22885.588	34.305	1.015	14.794
1/17/2017 10:45:00 PM	521100.000	73.734	17.992
168.062	29159.314	33665.469	21.268
22892.521	34.294	1.015	14.794
1/17/2017 10:50:00 PM	521400.000	73.736	17.993
168.067	29163.289	33669.023	21.270
22894.938	34.290	1.015	14.791
1/17/2017 10:55:00 PM	521700.000	73.740	17.993
168.076	29163.291	33669.348	21.270
22895.156	34.290	1.015	14.789
1/17/2017 11:00:00 PM	522000.000	73.743	17.992
168.083	29161.592	33668.164	21.270
22894.352	34.292	1.015	14.787
1/17/2017 11:05:00 PM	522300.000	73.734	17.993
168.063	29158.334	33664.016	21.267
22891.533	34.296	1.015	14.790
1/17/2017 11:10:00 PM	522600.000	73.733	17.993
168.061	29171.275	33678.762	21.277

22901.561	34.280	1.015	14.793
1/17/2017 11:15:00 PM	522900.000	73.731	17.993
168.055	29139.023	33641.398	21.251
22876.152	34.318	1.015	14.797
1/17/2017 11:20:00 PM	523200.000	73.734	17.993
168.062	29155.008	33660.039	21.264
22888.826	34.299	1.015	14.795
1/17/2017 11:25:00 PM	523500.000	73.732	17.993
168.057	29141.932	33644.688	21.253
22878.389	34.315	1.015	14.794
1/17/2017 11:30:00 PM	523800.000	73.737	17.993
168.069	29152.191	33656.730	21.262
22886.578	34.303	1.015	14.792
1/17/2017 11:35:00 PM	524100.000	73.738	17.992
168.071	29170.965	33678.984	21.277
22901.711	34.281	1.015	14.791
1/17/2017 11:40:00 PM	524400.000	73.722	17.993
168.035	29155.213	33660.336	21.264
22889.031	34.299	1.015	14.791
1/17/2017 11:45:00 PM	524700.000	73.740	17.992
168.075	29161.695	33668.086	21.270
22894.301	34.292	1.015	14.790
1/17/2017 11:50:00 PM	525000.000	73.745	17.993
168.087	29156.084	33661.418	21.265
22889.766	34.298	1.015	14.785
1/17/2017 11:55:00 PM	525300.000	73.747	17.993
168.092	29162.498	33668.824	21.270
22894.803	34.291	1.015	14.781
1/18/2017 12:00:00 AM	525600.000	73.750	17.993
168.098	29166.982	33674.000	21.274
22898.320	34.285	1.015	14.777
1/18/2017 12:05:00 AM	525900.000	73.753	17.993
168.107	29148.420	33652.109	21.258
22883.436	34.307	1.015	14.779
1/18/2017 12:10:00 AM	526200.000	73.755	17.993
168.109	29152.609	33657.082	21.262
22886.818	34.302	1.015	14.781
1/18/2017 12:15:00 AM	526500.000	73.755	17.993
168.111	29158.982	33664.496	21.267
22891.859	34.295	1.015	14.783
1/18/2017 12:20:00 AM	526800.000	73.753	17.993
168.106	29153.863	33658.715	21.263
22887.926	34.301	1.015	14.780
1/18/2017 12:25:00 AM	527100.000	73.758	17.993
168.118	29140.621	33643.242	21.252
22877.404	34.316	1.015	14.777
1/18/2017 12:30:00 AM	527400.000	73.767	17.992
168.138	29168.912	33676.676	21.276
22900.141	34.283	1.015	14.775
1/18/2017 12:35:00 AM	527700.000	73.769	17.992
168.143	29156.018	33661.664	21.265
22889.934	34.298	1.015	14.776
1/18/2017 12:40:00 AM	528000.000	73.768	17.993
168.140	29156.221	33661.574	21.265
22889.871	34.298	1.015	14.777

1/18/2017 12:45:00 AM	528300.000	73.768	17.992
168.141	29160.172	33666.328	21.268
22893.105	34.293	1.015	14.779
1/18/2017 12:50:00 AM	528600.000	73.767	17.993
168.138	29165.242	33671.668	21.272
22896.736	34.287	1.015	14.777
1/18/2017 12:55:00 AM	528900.000	73.770	17.992
168.144	29166.713	33673.938	21.274
22898.279	34.286	1.015	14.776
1/18/2017 1:00:00 AM	529200.000	73.773	17.992
168.152	29165.553	33672.543	21.273
22897.332	34.287	1.015	14.775
1/18/2017 1:05:00 AM	529500.000	73.778	17.992
168.162	29171.592	33679.570	21.278
22902.109	34.280	1.015	14.775
1/18/2017 1:10:00 AM	529800.000	73.778	17.992
168.163	29159.670	33665.684	21.268
22892.668	34.294	1.015	14.775
1/18/2017 1:15:00 AM	530100.000	73.765	17.992
168.132	29176.686	33685.262	21.282
22905.979	34.274	1.015	14.775
1/18/2017 1:20:00 AM	530400.000	73.788	17.993
168.187	29160.139	33665.832	21.268
22892.768	34.293	1.015	14.778
1/18/2017 1:25:00 AM	530700.000	73.790	17.993
168.190	29169.418	33676.738	21.276
22900.184	34.282	1.015	14.781
1/18/2017 1:30:00 AM	531000.000	73.789	17.992
168.188	29160.996	33667.410	21.269
22893.840	34.292	1.015	14.784
1/18/2017 1:35:00 AM	531300.000	73.792	17.992
168.195	29164.910	33671.859	21.272
22896.865	34.288	1.015	14.787
1/18/2017 1:40:00 AM	531600.000	73.786	17.993
168.182	29158.379	33663.801	21.267
22891.387	34.295	1.015	14.789
1/18/2017 1:45:00 AM	531900.000	73.786	17.993
168.181	29162.902	33669.098	21.270
22894.986	34.290	1.015	14.792
1/18/2017 1:50:00 AM	532200.000	73.789	17.993
168.189	29165.256	33671.934	21.272
22896.918	34.287	1.015	14.789
1/18/2017 1:55:00 AM	532500.000	73.798	17.993
168.210	29168.467	33675.641	21.275
22899.438	34.284	1.015	14.786
1/18/2017 2:00:00 AM	532800.000	73.802	17.993
168.217	29173.430	33681.176	21.279
22903.199	34.278	1.015	14.784
1/18/2017 2:05:00 AM	533100.000	73.804	17.992
168.222	29156.373	33662.074	21.265
22890.211	34.298	1.015	14.785
1/18/2017 2:10:00 AM	533400.000	73.801	17.992
168.215	29153.305	33658.457	21.263
22887.752	34.301	1.015	14.787
1/18/2017 2:15:00 AM	533700.000	73.809	17.993

168.234	29169.020	33676.277	21.275
22899.869	34.283	1.015	14.788
1/18/2017 2:20:00 AM	534000.000	73.813	17.993
168.242	29159.682	33665.496	21.268
22892.537	34.294	1.015	14.789
1/18/2017 2:25:00 AM	534300.000	73.808	17.992
168.230	29161.287	33667.480	21.269
22893.889	34.292	1.015	14.790
1/18/2017 2:30:00 AM	534600.000	73.815	17.992
168.247	29153.656	33658.863	21.263
22888.029	34.301	1.015	14.791
1/18/2017 2:35:00 AM	534900.000	73.814	17.993
168.244	29163.430	33669.707	21.271
22895.400	34.290	1.015	14.790
1/18/2017 2:40:00 AM	535200.000	73.818	17.993
168.254	29167.313	33674.113	21.274
22898.396	34.285	1.015	14.790
1/18/2017 2:45:00 AM	535500.000	73.813	17.993
168.242	29157.184	33662.613	21.266
22890.580	34.297	1.015	14.789
1/18/2017 2:50:00 AM	535800.000	73.817	17.992
168.252	29173.566	33681.727	21.279
22903.576	34.278	1.015	14.787
1/18/2017 2:55:00 AM	536100.000	73.822	17.993
168.263	29164.834	33671.520	21.272
22896.633	34.288	1.015	14.785
1/18/2017 3:00:00 AM	536400.000	73.824	17.993
168.267	29146.885	33650.797	21.258
22882.543	34.309	1.015	14.782
1/18/2017 3:05:00 AM	536700.000	73.824	17.993
168.267	29174.031	33682.000	21.279
22903.762	34.277	1.015	14.783
1/18/2017 3:10:00 AM	537000.000	73.829	17.993
168.280	29161.752	33667.961	21.269
22894.215	34.291	1.015	14.783
1/18/2017 3:15:00 AM	537300.000	73.830	17.992
168.282	29154.309	33659.754	21.264
22888.633	34.300	1.015	14.783
1/18/2017 3:20:00 AM	537600.000	73.828	17.993
168.278	29158.824	33664.445	21.267
22891.822	34.295	1.015	14.784
1/18/2017 3:25:00 AM	537900.000	73.830	17.993
168.282	29157.078	33662.430	21.266
22890.453	34.297	1.015	14.785
1/18/2017 3:30:00 AM	538200.000	73.828	17.993
168.277	29152.760	33657.504	21.262
22887.104	34.302	1.015	14.785
1/18/2017 3:35:00 AM	538500.000	73.838	17.992
168.301	29157.451	33663.246	21.266
22891.008	34.297	1.015	14.785
1/18/2017 3:40:00 AM	538800.000	73.843	17.993
168.311	29171.479	33679.191	21.277
22901.850	34.280	1.015	14.784
1/18/2017 3:45:00 AM	539100.000	73.841	17.992
168.306	29152.055	33656.891	21.262

22886.686	34.303	1.015	14.783
1/18/2017 3:50:00 AM	539400.000	73.843	17.993
168.311	29169.039	33676.051	21.275
22899.715	34.283	1.015	14.781
1/18/2017 3:55:00 AM	539700.000	73.848	17.993
168.323	29149.826	33654.000	21.260
22884.723	34.306	1.015	14.779
1/18/2017 4:00:00 AM	540000.000	73.857	17.993
168.343	29160.938	33667.020	21.269
22893.576	34.292	1.015	14.777
1/18/2017 4:05:00 AM	540300.000	73.849	17.992
168.325	29146.545	33650.598	21.257
22882.408	34.309	1.015	14.780
1/18/2017 4:10:00 AM	540600.000	73.851	17.993
168.328	29144.941	33648.418	21.256
22880.924	34.311	1.015	14.783
1/18/2017 4:15:00 AM	540900.000	73.851	17.993
168.329	29162.391	33668.109	21.270
22894.316	34.291	1.015	14.785
1/18/2017 4:20:00 AM	541200.000	73.851	17.992
168.330	29160.027	33666.355	21.268
22893.121	34.294	1.015	14.785
1/18/2017 4:25:00 AM	541500.000	73.858	17.992
168.345	29147.998	33652.402	21.259
22883.637	34.308	1.015	14.785
1/18/2017 4:30:00 AM	541800.000	73.855	17.992
168.337	29159.738	33665.887	21.268
22892.803	34.294	1.015	14.784
1/18/2017 4:35:00 AM	542100.000	73.854	17.992
168.336	29157.686	33663.391	21.266
22891.105	34.296	1.015	14.785
1/18/2017 4:40:00 AM	542400.000	73.854	17.992
168.337	29152.955	33658.055	21.263
22887.479	34.302	1.015	14.786
1/18/2017 4:45:00 AM	542700.000	73.851	17.993
168.330	29156.027	33660.895	21.265
22889.410	34.298	1.015	14.786
1/18/2017 4:50:00 AM	543000.000	73.853	17.992
168.334	29153.971	33659.102	21.263
22888.191	34.301	1.015	14.786
1/18/2017 4:55:00 AM	543300.000	73.855	17.993
168.339	29157.133	33662.438	21.266
22890.459	34.297	1.015	14.785
1/18/2017 5:00:00 AM	543600.000	73.859	17.993
168.347	29155.971	33661.148	21.265
22889.584	34.298	1.015	14.785
1/18/2017 5:05:00 AM	543900.000	73.858	17.993
168.345	29157.965	33663.453	21.266
22891.150	34.296	1.015	14.783
1/18/2017 5:10:00 AM	544200.000	73.857	17.993
168.343	29157.521	33663.004	21.266
22890.844	34.296	1.015	14.781
1/18/2017 5:15:00 AM	544500.000	73.841	17.992
168.307	29153.811	33658.918	21.263
22888.064	34.301	1.015	14.779

1/18/2017 5:20:00 AM	544800.000	73.864	17.992
168.359	29175.637	33684.379	21.281
22905.379	34.275	1.015	14.779
1/18/2017 5:25:00 AM	545100.000	73.863	17.992
168.356	29168.857	33676.355	21.275
22899.924	34.283	1.015	14.778
1/18/2017 5:30:00 AM	545400.000	73.862	17.992
168.355	29165.152	33672.078	21.272
22897.014	34.287	1.015	14.778
1/18/2017 5:35:00 AM	545700.000	73.866	17.992
168.364	29175.791	33684.742	21.281
22905.627	34.275	1.015	14.774
1/18/2017 5:40:00 AM	546000.000	73.870	17.992
168.372	29151.891	33656.824	21.262
22886.643	34.303	1.015	14.771
1/18/2017 5:45:00 AM	546300.000	73.873	17.992
168.380	29173.279	33681.520	21.279
22903.436	34.278	1.015	14.768
1/18/2017 5:50:00 AM	546600.000	73.867	17.992
168.366	29149.832	33654.449	21.260
22885.027	34.306	1.015	14.772
1/18/2017 5:55:00 AM	546900.000	73.867	17.992
168.366	29163.855	33670.449	21.271
22895.906	34.289	1.015	14.776
1/18/2017 6:00:00 AM	547200.000	73.863	17.992
168.357	29162.387	33669.016	21.270
22894.932	34.291	1.015	14.779
1/18/2017 6:05:00 AM	547500.000	73.859	17.993
168.349	29172.650	33680.277	21.278
22902.590	34.279	1.015	14.781
1/18/2017 6:10:00 AM	547800.000	73.861	17.992
168.352	29174.514	33682.820	21.280
22904.320	34.276	1.015	14.783
1/18/2017 6:15:00 AM	548100.000	73.863	17.993
168.356	29165.252	33671.734	21.272
22896.779	34.287	1.015	14.785
1/18/2017 6:20:00 AM	548400.000	73.864	17.993
168.358	29148.252	33652.238	21.259
22883.521	34.307	1.015	14.786
1/18/2017 6:25:00 AM	548700.000	73.853	17.992
168.333	29162.943	33669.395	21.270
22895.191	34.290	1.015	14.787
1/18/2017 6:30:00 AM	549000.000	73.860	17.993
168.350	29187.242	33697.316	21.290
22914.178	34.262	1.015	14.789
1/18/2017 6:35:00 AM	549300.000	73.862	17.992
168.355	29165.541	33672.586	21.273
22897.359	34.287	1.015	14.789
1/18/2017 6:40:00 AM	549600.000	73.854	17.993
168.337	29162.492	33668.625	21.270
22894.666	34.291	1.015	14.788
1/18/2017 6:45:00 AM	549900.000	73.852	17.993
168.332	29154.066	33658.949	21.263
22888.086	34.301	1.015	14.788
1/18/2017 6:50:00 AM	550200.000	73.866	17.992

168.363	29177.559	33686.270	21.282
22906.666	34.273	1.015	14.782
1/18/2017 6:55:00 AM	550500.000	73.860	17.993
168.349	29145.635	33649.215	21.256
22881.469	34.310	1.015	14.776
1/18/2017 7:00:00 AM	550800.000	73.862	17.993
168.354	29179.471	33688.418	21.284
22908.127	34.271	1.015	14.770
1/18/2017 7:05:00 AM	551100.000	73.861	17.993
168.352	29163.250	33669.230	21.270
22895.076	34.290	1.015	14.771
1/18/2017 7:10:00 AM	551400.000	73.864	17.993
168.358	29144.537	33648.086	21.256
22880.701	34.312	1.015	14.772
1/18/2017 7:15:00 AM	551700.000	73.861	17.993
168.352	29160.785	33666.844	21.269
22893.453	34.293	1.015	14.773
1/18/2017 7:20:00 AM	552000.000	73.855	17.993
168.338	29161.943	33667.988	21.270
22894.234	34.291	1.015	14.774
1/18/2017 7:25:00 AM	552300.000	73.850	17.992
168.326	29150.107	33655.090	21.260
22885.461	34.305	1.015	14.775
1/18/2017 7:30:00 AM	552600.000	73.849	17.993
168.324	29150.523	33654.484	21.260
22885.051	34.305	1.015	14.776
1/18/2017 7:35:00 AM	552900.000	73.853	17.993
168.333	29156.977	33662.180	21.265
22890.283	34.297	1.015	14.772
1/18/2017 7:40:00 AM	553200.000	73.851	17.993
168.329	29153.207	33658.023	21.263
22887.459	34.302	1.015	14.768
1/18/2017 7:45:00 AM	553500.000	73.854	17.992
168.336	29164.650	33671.500	21.272
22896.621	34.288	1.015	14.764
1/18/2017 7:50:00 AM	553800.000	73.852	17.992
168.331	29159.682	33665.957	21.268
22892.854	34.294	1.015	14.762
1/18/2017 7:55:00 AM	554100.000	73.852	17.993
168.330	29160.551	33666.383	21.268
22893.141	34.293	1.015	14.760
1/18/2017 8:00:00 AM	554400.000	73.844	17.992
168.313	29161.877	33668.426	21.270
22894.531	34.291	1.015	14.758
1/18/2017 8:05:00 AM	554700.000	73.847	17.992
168.320	29152.250	33657.184	21.262
22886.887	34.303	1.015	14.758
1/18/2017 8:10:00 AM	555000.000	73.847	17.993
168.320	29152.570	33657.094	21.262
22886.826	34.302	1.015	14.759
1/18/2017 8:15:00 AM	555300.000	73.842	17.993
168.309	29168.625	33675.820	21.275
22899.559	34.283	1.015	14.759
1/18/2017 8:20:00 AM	555600.000	73.843	17.992
168.310	29151.617	33656.707	21.262

22886.563	34.303	1.015	14.758
1/18/2017 8:25:00 AM	555900.000	73.826	17.993
168.272	29139.518	33642.098	21.251
22876.629	34.318	1.015	14.756
1/18/2017 8:30:00 AM	556200.000	73.823	17.992
168.265	29153.064	33658.055	21.263
22887.479	34.302	1.015	14.755
1/18/2017 8:35:00 AM	556500.000	73.838	17.992
168.300	29156.949	33662.609	21.266
22890.576	34.297	1.015	14.752
1/18/2017 8:40:00 AM	556800.000	73.840	17.992
168.305	29151.400	33656.582	21.262
22886.479	34.304	1.015	14.749
1/18/2017 8:45:00 AM	557100.000	73.838	17.992
168.300	29146.537	33650.520	21.257
22882.355	34.309	1.015	14.746
1/18/2017 8:50:00 AM	557400.000	73.836	17.992
168.296	29164.854	33671.863	21.272
22896.867	34.288	1.015	14.745
1/18/2017 8:55:00 AM	557700.000	73.840	17.993
168.304	29156.895	33661.895	21.265
22890.090	34.297	1.015	14.743
1/18/2017 9:00:00 AM	558000.000	73.847	17.992
168.321	29171.141	33679.121	21.277
22901.805	34.280	1.015	14.741
1/18/2017 9:05:00 AM	558300.000	73.843	17.992
168.310	29160.186	33666.211	21.268
22893.025	34.293	1.015	14.742
1/18/2017 9:10:00 AM	558600.000	73.835	17.993
168.294	29160.037	33665.906	21.268
22892.816	34.294	1.015	14.744
1/18/2017 9:15:00 AM	558900.000	73.834	17.993
168.291	29169.018	33676.082	21.275
22899.738	34.283	1.015	14.745
1/18/2017 9:20:00 AM	559200.000	73.836	17.992
168.296	29160.932	33667.070	21.269
22893.607	34.292	1.015	14.743
1/18/2017 9:25:00 AM	559500.000	73.833	17.993
168.287	29145.838	33649.516	21.257
22881.672	34.310	1.015	14.741
1/18/2017 9:30:00 AM	559800.000	73.836	17.993
168.295	29177.539	33686.188	21.282
22906.609	34.273	1.015	14.738
1/18/2017 9:35:00 AM	560100.000	73.831	17.993
168.283	29159.232	33664.594	21.267
22891.926	34.294	1.015	14.740
1/18/2017 9:40:00 AM	560400.000	73.830	17.993
168.281	29157.988	33663.348	21.266
22891.076	34.296	1.015	14.741
1/18/2017 9:45:00 AM	560700.000	73.832	17.992
168.287	29154.514	33659.855	21.264
22888.703	34.300	1.015	14.742
1/18/2017 9:50:00 AM	561000.000	73.831	17.992
168.283	29170.268	33678.043	21.276
22901.072	34.281	1.015	14.742

1/18/2017 9:55:00 AM	561300.000	73.834	17.993
168.290	29160.918	33666.484	21.268
22893.209	34.292	1.015	14.742
1/18/2017 10:00:00 AM	561600.000	73.832	17.992
168.285	29162.797	33669.293	21.270
22895.121	34.290	1.015	14.742
1/18/2017 10:05:00 AM	561900.000	73.830	17.992
168.281	29160.330	33666.707	21.269
22893.361	34.293	1.015	14.752
1/18/2017 10:10:00 AM	562200.000	73.827	17.992
168.275	29154.414	33659.547	21.264
22888.492	34.300	1.015	14.762
1/18/2017 10:15:00 AM	562500.000	73.825	17.993
168.270	29140.465	33643.191	21.252
22877.373	34.317	1.015	14.772
1/18/2017 10:20:00 AM	562800.000	73.822	17.993
168.263	29166.668	33673.563	21.273
22898.023	34.286	1.015	14.774
1/18/2017 10:25:00 AM	563100.000	73.822	17.993
168.263	29154.164	33658.934	21.263
22888.074	34.300	1.015	14.775
1/18/2017 10:30:00 AM	563400.000	73.825	17.993
168.270	29159.496	33665.355	21.268
22892.443	34.294	1.015	14.777
1/18/2017 10:35:00 AM	563700.000	73.824	17.992
168.267	29164.695	33671.746	21.272
22896.787	34.288	1.015	14.779
1/18/2017 10:40:00 AM	564000.000	73.821	17.993
168.260	29160.629	33666.527	21.268
22893.240	34.293	1.015	14.781
1/18/2017 10:45:00 AM	564300.000	73.818	17.993
168.255	29160.994	33666.895	21.269
22893.490	34.292	1.015	14.783
1/18/2017 10:50:00 AM	564600.000	73.823	17.992
168.265	29157.123	33662.809	21.266
22890.713	34.297	1.015	14.781
1/18/2017 10:55:00 AM	564900.000	73.823	17.993
168.265	29169.021	33676.281	21.275
22899.871	34.283	1.015	14.779
1/18/2017 11:00:00 AM	565200.000	73.821	17.993
168.262	29162.150	33668.285	21.270
22894.434	34.291	1.015	14.776
1/18/2017 11:05:00 AM	565500.000	73.822	17.992
168.263	29164.289	33671.082	21.272
22896.338	34.289	1.015	14.775
1/18/2017 11:10:00 AM	565800.000	73.824	17.992
168.267	29185.350	33695.332	21.289
22912.826	34.264	1.015	14.773
1/18/2017 11:15:00 AM	566100.000	73.826	17.993
168.272	29158.186	33663.844	21.267
22891.414	34.296	1.015	14.772
1/18/2017 11:20:00 AM	566400.000	73.820	17.993
168.259	29149.605	33653.547	21.259
22884.412	34.306	1.015	14.772
1/18/2017 11:25:00 AM	566700.000	73.822	17.992

168.262	29160.896	33667.031	21.269
22893.584	34.292	1.015	14.773
1/18/2017 11:30:00 AM	567000.000	73.820	17.992
168.258	29160.008	33666.141	21.268
22892.977	34.294	1.015	14.773
1/18/2017 11:35:00 AM	567300.000	73.818	17.992
168.253	29153.703	33658.727	21.263
22887.934	34.301	1.015	14.772
1/18/2017 11:40:00 AM	567600.000	73.818	17.992
168.253	29160.580	33666.801	21.269
22893.426	34.293	1.015	14.771
1/18/2017 11:45:00 AM	567900.000	73.816	17.993
168.249	29150.305	33654.609	21.260
22885.135	34.305	1.015	14.771
1/18/2017 11:50:00 AM	568200.000	73.822	17.993
168.264	29171.779	33679.465	21.277
22902.039	34.280	1.015	14.767
1/18/2017 11:55:00 AM	568500.000	73.822	17.992
168.264	29166.934	33674.137	21.274
22898.414	34.285	1.015	14.763
1/18/2017 12:00:00 PM	568800.000	73.827	17.992
168.274	29156.229	33661.836	21.265
22890.049	34.298	1.015	14.760
1/18/2017 12:05:00 PM	569100.000	73.824	17.992
168.269	29155.115	33660.492	21.264
22889.135	34.299	1.015	14.760
1/18/2017 12:10:00 PM	569400.000	73.818	17.993
168.254	29165.664	33672.340	21.273
22897.191	34.287	1.015	14.761
1/18/2017 12:15:00 PM	569700.000	73.820	17.993
168.257	29134.051	33635.656	21.247
22872.248	34.324	1.015	14.761
1/18/2017 12:20:00 PM	570000.000	73.843	17.993
168.311	29170.771	33678.238	21.277
22901.205	34.281	1.015	14.756
1/18/2017 12:25:00 PM	570300.000	73.822	17.993
168.263	29166.350	33673.004	21.273
22897.645	34.286	1.015	14.751
1/18/2017 12:30:00 PM	570600.000	73.830	17.993
168.281	29162.928	33669.051	21.270
22894.957	34.290	1.015	14.746
1/18/2017 12:35:00 PM	570900.000	73.827	17.993
168.276	29152.357	33657.113	21.262
22886.840	34.303	1.015	14.745
1/18/2017 12:40:00 PM	571200.000	73.809	17.993
168.234	29151.543	33655.852	21.261
22885.979	34.304	1.015	14.744
1/18/2017 12:45:00 PM	571500.000	73.826	17.993
168.272	29150.748	33654.934	21.260
22885.357	34.304	1.015	14.743
1/18/2017 12:50:00 PM	571800.000	73.829	17.993
168.279	29177.697	33686.371	21.282
22906.732	34.273	1.015	14.742
1/18/2017 12:55:00 PM	572100.000	73.827	17.993
168.275	29159.176	33664.914	21.267

22892.143	34.295	1.015	14.741
1/18/2017 1:00:00 PM	572400.000	73.830	17.992
168.282	29161.533	33667.902	21.269
22894.174	34.292	1.015	14.740
1/18/2017 1:05:00 PM	572700.000	73.830	17.993
168.282	29167.119	33674.020	21.274
22898.334	34.285	1.015	14.737
1/18/2017 1:10:00 PM	573000.000	73.831	17.993
168.283	29162.480	33668.535	21.270
22894.604	34.291	1.015	14.733
1/18/2017 1:15:00 PM	573300.000	73.832	17.993
168.287	29140.967	33643.891	21.253
22877.848	34.316	1.015	14.730
1/18/2017 1:20:00 PM	573600.000	73.830	17.992
168.281	29168.770	33676.188	21.275
22899.809	34.283	1.015	14.729
1/18/2017 1:25:00 PM	573900.000	73.829	17.993
168.280	29170.133	33676.984	21.276
22900.350	34.282	1.015	14.727
1/18/2017 1:30:00 PM	574200.000	73.839	17.993
168.302	29162.402	33668.574	21.270
22894.633	34.291	1.015	14.725
1/18/2017 1:35:00 PM	574500.000	73.839	17.992
168.301	29177.449	33686.277	21.282
22906.670	34.273	1.015	14.724
1/18/2017 1:40:00 PM	574800.000	73.835	17.992
168.292	29164.246	33670.965	21.272
22896.258	34.289	1.015	14.723
1/18/2017 1:45:00 PM	575100.000	73.830	17.993
168.281	29151.250	33655.762	21.261
22885.920	34.304	1.015	14.723
1/18/2017 1:50:00 PM	575400.000	73.841	17.993
168.307	29165.025	33671.605	21.272
22896.691	34.288	1.015	14.720
1/18/2017 1:55:00 PM	575700.000	73.841	17.993
168.307	29180.666	33689.660	21.285
22908.971	34.269	1.015	14.717
1/18/2017 2:00:00 PM	576000.000	73.842	17.993
168.309	29156.402	33661.648	21.265
22889.924	34.298	1.015	14.714
1/18/2017 2:05:00 PM	576300.000	73.845	17.992
168.315	29153.762	33659.309	21.263
22888.330	34.301	1.015	14.711
1/18/2017 2:10:00 PM	576600.000	73.847	17.993
168.321	29175.291	33683.398	21.280
22904.713	34.276	1.015	14.709
1/18/2017 2:15:00 PM	576900.000	73.848	17.992
168.322	29156.971	33662.691	21.266
22890.633	34.297	1.015	14.706
1/18/2017 2:20:00 PM	577200.000	73.847	17.993
168.320	29171.148	33678.672	21.277
22901.498	34.280	1.015	14.704
1/18/2017 2:25:00 PM	577500.000	73.843	17.993
168.310	29167.119	33674.020	21.274
22898.334	34.285	1.015	14.702

1/18/2017 2:30:00 PM	577800.000	73.842	17.992
168.309	29161.008	33667.750	21.269
22894.072	34.292	1.015	14.700
1/18/2017 2:35:00 PM	578100.000	73.848	17.992
168.322	29153.207	33658.289	21.263
22887.639	34.302	1.015	14.697
1/18/2017 2:40:00 PM	578400.000	73.842	17.992
168.310	29142.871	33646.219	21.254
22879.432	34.314	1.015	14.693
1/18/2017 2:45:00 PM	578700.000	73.851	17.992
168.329	29158.418	33664.363	21.267
22891.770	34.295	1.015	14.690
1/18/2017 2:50:00 PM	579000.000	73.850	17.993
168.327	29142.723	33645.992	21.254
22879.275	34.314	1.015	14.685
1/18/2017 2:55:00 PM	579300.000	73.855	17.993
168.338	29161.785	33667.863	21.269
22894.148	34.291	1.015	14.681
1/18/2017 3:00:00 PM	579600.000	73.836	17.992
168.295	29171.201	33679.063	21.277
22901.764	34.280	1.015	14.676
1/18/2017 3:05:00 PM	579900.000	73.854	17.992
168.336	29144.531	33648.270	21.256
22880.824	34.312	1.015	14.675
1/18/2017 3:10:00 PM	580200.000	73.856	17.993
168.340	29154.309	33659.293	21.263
22888.320	34.300	1.015	14.674
1/18/2017 3:15:00 PM	580500.000	73.835	17.993
168.292	29183.242	33692.637	21.287
22910.996	34.266	1.015	14.673
1/18/2017 3:20:00 PM	580800.000	73.861	17.993
168.353	29172.314	33679.832	21.278
22902.287	34.279	1.015	14.671
1/18/2017 3:25:00 PM	581100.000	73.857	17.993
168.342	29153.256	33658.152	21.263
22887.545	34.301	1.015	14.669
1/18/2017 3:30:00 PM	581400.000	73.858	17.993
168.345	29172.430	33680.289	21.278
22902.600	34.279	1.015	14.667
1/18/2017 3:35:00 PM	581700.000	73.858	17.993
168.345	29153.209	33657.961	21.263
22887.414	34.302	1.015	14.669
1/18/2017 3:40:00 PM	582000.000	73.859	17.993
168.347	29151.650	33656.297	21.261
22886.281	34.303	1.015	14.670
1/18/2017 3:45:00 PM	582300.000	73.861	17.993
168.351	29162.480	33668.535	21.270
22894.604	34.291	1.015	14.672
1/18/2017 3:50:00 PM	582600.000	73.856	17.992
168.341	29165.006	33671.910	21.272
22896.900	34.288	1.015	14.672
1/18/2017 3:55:00 PM	582900.000	73.857	17.992
168.343	29178.719	33687.676	21.283
22907.619	34.272	1.015	14.672
1/18/2017 4:00:00 PM	583200.000	73.853	17.993

168.334	29159.223	33664.848	21.267
22892.098	34.294	1.015	14.672
1/18/2017 4:05:00 PM	583500.000	73.855	17.992
168.338	29153.896	33658.949	21.263
22888.086	34.301	1.015	14.668
1/18/2017 4:10:00 PM	583800.000	73.854	17.993
168.336	29167.023	33673.973	21.274
22898.303	34.285	1.015	14.664
1/18/2017 4:15:00 PM	584100.000	73.863	17.993
168.357	29150.246	33654.676	21.260
22885.182	34.305	1.015	14.660
1/18/2017 4:20:00 PM	584400.000	73.862	17.993
168.354	29163.188	33669.617	21.271
22895.342	34.290	1.015	14.658
1/18/2017 4:25:00 PM	584700.000	73.865	17.992
168.361	29163.139	33669.754	21.271
22895.436	34.290	1.015	14.656
1/18/2017 4:30:00 PM	585000.000	73.863	17.993
168.356	29164.627	33671.145	21.272
22896.379	34.288	1.015	14.654
1/18/2017 4:35:00 PM	585300.000	73.859	17.993
168.348	29176.146	33684.578	21.281
22905.516	34.275	1.015	14.655
1/18/2017 4:40:00 PM	585600.000	73.859	17.992
168.347	29171.646	33679.773	21.278
22902.246	34.280	1.015	14.656
1/18/2017 4:45:00 PM	585900.000	73.854	17.992
168.336	29162.379	33668.934	21.270
22894.877	34.291	1.015	14.657
1/18/2017 4:50:00 PM	586200.000	73.837	17.992
168.297	29161.191	33667.508	21.269
22893.908	34.292	1.015	14.654
1/18/2017 4:55:00 PM	586500.000	73.860	17.992
168.349	29169.039	33676.566	21.275
22900.066	34.283	1.015	14.650
1/18/2017 5:00:00 PM	586800.000	73.858	17.993
168.346	29161.791	33667.871	21.269
22894.154	34.291	1.015	14.647
1/18/2017 5:05:00 PM	587100.000	73.858	17.992
168.345	29174.979	33683.480	21.280
22904.768	34.276	1.015	14.644
1/18/2017 5:10:00 PM	587400.000	73.866	17.992
168.364	29153.982	33659.242	21.263
22888.287	34.301	1.015	14.641
1/18/2017 5:15:00 PM	587700.000	73.865	17.993
168.362	29158.771	33664.445	21.267
22891.822	34.295	1.015	14.638
1/18/2017 5:20:00 PM	588000.000	73.867	17.993
168.366	29161.914	33667.758	21.269
22894.078	34.291	1.015	14.637
1/18/2017 5:25:00 PM	588300.000	73.848	17.993
168.321	29163.350	33669.730	21.271
22895.416	34.290	1.015	14.636
1/18/2017 5:30:00 PM	588600.000	73.862	17.992
168.353	29154.760	33660.137	21.264

22888.893	34.300	1.015	14.635
1/18/2017 5:35:00 PM	588900.000	73.843	17.992
168.311	29162.041	33668.352	21.270
22894.480	34.291	1.015	14.634
1/18/2017 5:40:00 PM	589200.000	73.861	17.993
168.351	29173.744	33681.414	21.279
22903.361	34.277	1.015	14.633
1/18/2017 5:45:00 PM	589500.000	73.858	17.992
168.344	29175.348	33683.906	21.281
22905.059	34.276	1.015	14.632
1/18/2017 5:50:00 PM	589800.000	73.861	17.993
168.351	29171.115	33678.449	21.277
22901.346	34.280	1.015	14.631
1/18/2017 5:55:00 PM	590100.000	73.858	17.992
168.346	29159.543	33665.660	21.268
22892.648	34.294	1.015	14.630
1/18/2017 6:00:00 PM	590400.000	73.857	17.993
168.343	29154.209	33658.859	21.263
22888.027	34.300	1.015	14.630
1/18/2017 6:05:00 PM	590700.000	73.856	17.993
168.342	29166.504	33673.254	21.273
22897.814	34.286	1.015	14.627
1/18/2017 6:10:00 PM	591000.000	73.857	17.992
168.342	29164.805	33671.543	21.272
22896.652	34.288	1.015	14.625
1/18/2017 6:15:00 PM	591300.000	73.859	17.992
168.348	29154.523	33659.809	21.264
22888.672	34.300	1.015	14.622
1/18/2017 6:20:00 PM	591600.000	73.859	17.992
168.348	29167.043	33674.129	21.274
22898.408	34.285	1.015	14.625
1/18/2017 6:25:00 PM	591900.000	73.852	17.993
168.332	29174.082	33682.059	21.279
22903.801	34.277	1.015	14.627
1/18/2017 6:30:00 PM	592200.000	73.851	17.993
168.329	29158.223	33663.813	21.267
22891.395	34.296	1.015	14.629
1/18/2017 6:35:00 PM	592500.000	73.854	17.993
168.335	29163.846	33670.055	21.271
22895.637	34.289	1.015	14.628
1/18/2017 6:40:00 PM	592800.000	73.855	17.993
168.339	29163.844	33669.863	21.271
22895.510	34.289	1.015	14.627
1/18/2017 6:45:00 PM	593100.000	73.854	17.992
168.337	29161.918	33668.344	21.270
22894.477	34.291	1.015	14.627
1/18/2017 6:50:00 PM	593400.000	73.846	17.993
168.317	29192.707	33703.508	21.294
22918.387	34.255	1.015	14.628
1/18/2017 6:55:00 PM	593700.000	73.841	17.993
168.307	29168.816	33676.043	21.275
22899.709	34.283	1.015	14.630
1/18/2017 7:00:00 PM	594000.000	73.840	17.992
168.304	29182.846	33692.508	21.287
22910.908	34.267	1.015	14.631

1/18/2017 7:05:00 PM	594300.000	73.837	17.993
168.298	29151.096	33655.520	21.261
22885.756	34.304	1.015	14.630
1/18/2017 7:10:00 PM	594600.000	73.841	17.992
168.306	29171.645	33679.703	21.278
22902.201	34.280	1.015	14.630
1/18/2017 7:15:00 PM	594900.000	73.842	17.993
168.308	29176.385	33684.395	21.281
22905.391	34.274	1.015	14.629
1/18/2017 7:20:00 PM	595200.000	73.838	17.992
168.299	29157.773	33663.559	21.266
22891.223	34.296	1.015	14.631
1/18/2017 7:25:00 PM	595500.000	73.838	17.992
168.300	29165.066	33672.039	21.272
22896.988	34.288	1.015	14.633
1/18/2017 7:30:00 PM	595800.000	73.837	17.993
168.297	29159.271	33664.906	21.267
22892.137	34.294	1.015	14.635
1/18/2017 7:35:00 PM	596100.000	73.838	17.992
168.300	29157.133	33663.199	21.266
22890.979	34.297	1.015	14.635
1/18/2017 7:40:00 PM	596400.000	73.837	17.993
168.296	29170.416	33677.891	21.276
22900.969	34.281	1.015	14.636
1/18/2017 7:45:00 PM	596700.000	73.835	17.993
168.293	29167.131	33673.656	21.273
22898.086	34.285	1.015	14.637
1/18/2017 7:50:00 PM	597000.000	73.830	17.993
168.282	29156.072	33661.137	21.265
22889.574	34.298	1.015	14.638
1/18/2017 7:55:00 PM	597300.000	73.827	17.993
168.273	29146.889	33650.727	21.257
22882.496	34.309	1.015	14.638
1/18/2017 8:00:00 PM	597600.000	73.825	17.993
168.271	29172.293	33679.672	21.278
22902.180	34.279	1.015	14.639
1/18/2017 8:05:00 PM	597900.000	73.830	17.992
168.282	29167.246	33674.496	21.274
22898.658	34.285	1.015	14.639
1/18/2017 8:10:00 PM	598200.000	73.828	17.992
168.277	29160.332	33666.379	21.268
22893.139	34.293	1.015	14.640
1/18/2017 8:15:00 PM	598500.000	73.824	17.992
168.268	29146.230	33650.168	21.257
22882.117	34.310	1.015	14.640
1/18/2017 8:20:00 PM	598800.000	73.806	17.992
168.227	29143.279	33646.691	21.255
22879.752	34.313	1.015	14.640
1/18/2017 8:25:00 PM	599100.000	73.829	17.992
168.279	29157.813	33663.734	21.267
22891.340	34.296	1.015	14.641
1/18/2017 8:30:00 PM	599400.000	73.827	17.992
168.274	29148.139	33652.371	21.259
22883.613	34.308	1.015	14.641
1/18/2017 8:35:00 PM	599700.000	73.823	17.993

168.266	29172.328	33679.980	21.278
22902.387	34.279	1.015	14.642
1/18/2017 8:40:00 PM	600000.000	73.827	17.992
168.274	29167.941	33675.230	21.275
22899.156	34.284	1.015	14.644
1/18/2017 8:45:00 PM	600300.000	73.822	17.993
168.263	29159.225	33664.723	21.267
22892.014	34.294	1.015	14.645
1/18/2017 8:50:00 PM	600600.000	73.815	17.992
168.247	29169.658	33677.215	21.276
22900.508	34.282	1.015	14.648
1/18/2017 8:55:00 PM	600900.000	73.820	17.993
168.259	29155.662	33660.930	21.265
22889.434	34.299	1.015	14.650
1/18/2017 9:00:00 PM	601200.000	73.807	17.992
168.230	29181.721	33691.141	21.286
22909.977	34.268	1.015	14.653
1/18/2017 9:05:00 PM	601500.000	73.812	17.993
168.241	29149.535	33653.855	21.260
22884.623	34.306	1.015	14.651
1/18/2017 9:10:00 PM	601800.000	73.810	17.992
168.235	29161.879	33668.555	21.270
22894.619	34.291	1.015	14.648
1/18/2017 9:15:00 PM	602100.000	73.812	17.993
168.241	29145.070	33648.703	21.256
22881.121	34.311	1.015	14.646
1/18/2017 9:20:00 PM	602400.000	73.814	17.992
168.246	29153.551	33658.684	21.263
22887.904	34.301	1.015	14.646
1/18/2017 9:25:00 PM	602700.000	73.792	17.993
168.196	29172.232	33680.063	21.278
22902.445	34.279	1.015	14.646
1/18/2017 9:30:00 PM	603000.000	73.813	17.992
168.244	29160.910	33667.238	21.269
22893.725	34.292	1.015	14.647
1/18/2017 9:35:00 PM	603300.000	73.810	17.992
168.237	29162.588	33669.441	21.270
22895.223	34.291	1.015	14.647
1/18/2017 9:40:00 PM	603600.000	73.810	17.993
168.235	29170.410	33677.883	21.276
22900.963	34.281	1.015	14.648
1/18/2017 9:45:00 PM	603900.000	73.805	17.992
168.223	29175.656	33684.586	21.281
22905.521	34.275	1.015	14.649
1/18/2017 9:50:00 PM	604200.000	73.812	17.993
168.241	29161.395	33667.156	21.269
22893.668	34.292	1.015	14.652
1/18/2017 9:55:00 PM	604500.000	73.807	17.992
168.230	29166.410	33673.660	21.273
22898.090	34.286	1.015	14.655
1/18/2017 10:00:00 PM	604800.000	73.801	17.993
168.215	29162.549	33668.688	21.270
22894.709	34.291	1.015	14.658
1/18/2017 10:05:00 PM	605100.000	73.803	17.992
168.219	29170.318	33678.172	21.277

22901.158	34.281	1.015	14.658
1/18/2017 10:10:00 PM	605400.000	73.804	17.993
168.221	29173.930	33681.754	21.279
22903.596	34.277	1.015	14.657
1/18/2017 10:15:00 PM	605700.000	73.803	17.993
168.220	29158.529	33664.105	21.267
22891.592	34.295	1.015	14.657
1/18/2017 10:20:00 PM	606000.000	73.804	17.992
168.221	29172.992	33681.129	21.279
22903.170	34.278	1.015	14.658
1/18/2017 10:25:00 PM	606300.000	73.805	17.993
168.224	29164.445	33670.996	21.272
22896.279	34.288	1.015	14.659
1/18/2017 10:30:00 PM	606600.000	73.804	17.993
168.223	29170.629	33678.137	21.277
22901.135	34.281	1.015	14.660
1/18/2017 10:35:00 PM	606900.000	73.806	17.992
168.226	29152.572	33657.750	21.262
22887.270	34.302	1.015	14.659
1/18/2017 10:40:00 PM	607200.000	73.781	17.992
168.171	29156.568	33662.035	21.265
22890.184	34.298	1.015	14.657
1/18/2017 10:45:00 PM	607500.000	73.809	17.993
168.234	29159.271	33665.098	21.267
22892.270	34.294	1.015	14.655
1/18/2017 10:50:00 PM	607800.000	73.812	17.992
168.239	29172.828	33681.000	21.279
22903.082	34.278	1.015	14.655
1/18/2017 10:55:00 PM	608100.000	73.787	17.993
168.182	29171.148	33678.617	21.277
22901.461	34.280	1.015	14.656
1/18/2017 11:00:00 PM	608400.000	73.807	17.992
168.228	29172.057	33680.109	21.278
22902.475	34.279	1.015	14.656
1/18/2017 11:05:00 PM	608700.000	73.788	17.993
168.185	29154.439	33659.328	21.263
22888.346	34.300	1.015	14.659
1/18/2017 11:10:00 PM	609000.000	73.807	17.992
168.228	29164.041	33670.660	21.271
22896.049	34.289	1.015	14.662
1/18/2017 11:15:00 PM	609300.000	73.800	17.992
168.214	29148.895	33653.176	21.259
22884.160	34.307	1.015	14.665
1/18/2017 11:20:00 PM	609600.000	73.809	17.992
168.234	29172.049	33679.906	21.278
22902.336	34.279	1.015	14.663
1/18/2017 11:25:00 PM	609900.000	73.811	17.992
168.237	29177.066	33686.215	21.282
22906.627	34.273	1.015	14.660
1/18/2017 11:30:00 PM	610200.000	73.820	17.992
168.259	29153.457	33658.508	21.263
22887.787	34.301	1.015	14.657
1/18/2017 11:35:00 PM	610500.000	73.821	17.993
168.260	29161.775	33667.336	21.269
22893.789	34.291	1.015	14.662

1/18/2017 11:40:00 PM	610800.000	73.806	17.993
168.226	29163.188	33669.480	21.271
22895.246	34.290	1.015	14.666
1/18/2017 11:45:00 PM	611100.000	73.811	17.992
168.237	29162.799	33669.492	21.271
22895.256	34.290	1.015	14.670
1/18/2017 11:50:00 PM	611400.000	73.809	17.993
168.233	29157.471	33662.750	21.266
22890.670	34.297	1.015	14.670
1/18/2017 11:55:00 PM	611700.000	73.810	17.992
168.236	29152.600	33657.453	21.262
22887.070	34.302	1.015	14.670

Report Date: 1/20/2017 8:28:24 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_2017-01-19_14-02-27-782-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 2209

Sensors: 2

1 - 399147: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft	
PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft	
PCTD(A) 35.8ft		Sensor: Baro-Adj Calc		SN#: 399147		SN#: 399147		SN#: 399147	
SN#: 399147		SN#: 399147		SN#: 399147		SN#: 399147		SN#: 399147	
SN#: 399147		SN#: 399147		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)									
-----		-----		-----		-----		-----	

1/12/2017 12:00:00 AM	7200.000	12.785	17.703
29.141	8510.805	9889.067	5.620
6724.566	117.498	1.003	14.679
1/12/2017 12:05:00 AM	7500.000	12.787	17.703
29.147	8505.307	9882.717	5.616
6720.248	117.574	1.003	14.679
1/12/2017 12:10:00 AM	7800.000	12.786	17.703
29.144	8499.271	9875.646	5.612
6715.440	117.657	1.003	14.679
1/12/2017 12:15:00 AM	8100.000	12.786	17.703
29.143	8495.800	9871.708	5.609
6712.762	117.705	1.003	14.679
1/12/2017 12:20:00 AM	8400.000	12.789	17.702
29.151	8494.305	9870.029	5.608
6711.620	117.726	1.003	14.676
1/12/2017 12:25:00 AM	8700.000	12.790	17.703
29.151	8492.992	9868.445	5.607
6710.543	117.744	1.003	14.674
1/12/2017 12:30:00 AM	9000.000	12.790	17.702
29.153	8492.983	9868.646	5.607
6710.680	117.744	1.003	14.671
1/12/2017 12:35:00 AM	9300.000	12.785	17.702
29.142	8489.216	9864.173	5.605
6707.638	117.797	1.003	14.670
1/12/2017 12:40:00 AM	9600.000	12.791	17.701
29.154	8487.337	9862.182	5.603
6706.284	117.823	1.003	14.670
1/12/2017 12:45:00 AM	9900.000	12.791	17.701
29.154	8483.829	9858.143	5.601
6703.538	117.871	1.003	14.669
1/12/2017 12:50:00 AM	10200.000	12.793	17.701
29.158	8482.174	9856.275	5.600
6702.268	117.894	1.003	14.667
1/12/2017 12:55:00 AM	10500.000	12.794	17.701
29.162	8479.641	9853.313	5.598
6700.254	117.930	1.003	14.665
1/12/2017 1:00:00 AM	10800.000	12.795	17.700
29.165	8473.661	9846.499	5.594
6695.620	118.013	1.003	14.663
1/12/2017 1:05:00 AM	11100.000	12.796	17.700
29.165	8467.217	9839.162	5.589
6690.631	118.103	1.003	14.662
1/12/2017 1:10:00 AM	11400.000	12.796	17.700
29.167	8454.004	9823.677	5.580
6680.101	118.287	1.003	14.661
1/12/2017 1:15:00 AM	11700.000	12.795	17.700
29.163	8447.757	9816.398	5.575
6675.151	118.375	1.003	14.661
1/12/2017 1:20:00 AM	12000.000	12.790	17.700
29.153	8443.516	9811.604	5.572
6671.891	118.434	1.003	14.661

1/12/2017 1:25:00 AM	12300.000	12.787	17.699
29.146	8440.302	9807.999	5.570
6669.440	118.479	1.003	14.662
1/12/2017 1:30:00 AM	12600.000	12.792	17.699
29.156	8436.132	9803.097	5.567
6666.106	118.538	1.003	14.663
1/12/2017 1:35:00 AM	12900.000	12.792	17.699
29.156	8434.859	9801.712	5.566
6665.165	118.556	1.003	14.662
1/12/2017 1:40:00 AM	13200.000	12.793	17.699
29.158	8433.836	9800.507	5.566
6664.345	118.570	1.003	14.661
1/12/2017 1:45:00 AM	13500.000	12.794	17.699
29.162	8429.103	9795.022	5.562
6660.615	118.637	1.003	14.660
1/12/2017 1:50:00 AM	13800.000	12.797	17.698
29.169	8423.185	9788.263	5.558
6656.019	118.720	1.003	14.659
1/12/2017 1:55:00 AM	14100.000	12.794	17.698
29.161	8414.423	9778.137	5.552
6649.133	118.844	1.003	14.658
1/12/2017 2:00:00 AM	14400.000	12.801	17.698
29.178	8402.406	9764.134	5.543
6639.611	119.014	1.003	14.658
1/12/2017 2:05:00 AM	14700.000	12.799	17.698
29.172	8393.322	9753.710	5.537
6632.523	119.142	1.003	14.660
1/12/2017 2:10:00 AM	15000.000	12.800	17.698
29.175	8376.557	9734.189	5.525
6619.250	119.381	1.003	14.661
1/12/2017 2:15:00 AM	15300.000	12.797	17.698
29.169	8366.178	9722.185	5.518
6611.086	119.529	1.003	14.663
1/12/2017 2:20:00 AM	15600.000	12.799	17.697
29.172	8357.089	9711.660	5.511
6603.930	119.659	1.003	14.665
1/12/2017 2:25:00 AM	15900.000	12.798	17.697
29.170	8349.897	9703.303	5.506
6598.247	119.762	1.003	14.667
1/12/2017 2:30:00 AM	16200.000	12.794	17.697
29.161	8347.906	9701.045	5.505
6596.710	119.791	1.003	14.668
1/12/2017 2:35:00 AM	16500.000	12.795	17.697
29.164	8340.354	9692.401	5.500
6590.833	119.899	1.003	14.667
1/12/2017 2:40:00 AM	16800.000	12.793	17.697
29.160	8332.803	9683.531	5.494
6584.802	120.008	1.003	14.666
1/12/2017 2:45:00 AM	17100.000	12.799	17.697
29.173	8326.701	9676.516	5.490
6580.031	120.096	1.003	14.665
1/12/2017 2:50:00 AM	17400.000	12.799	17.696
29.173	8320.868	9669.906	5.486
6575.536	120.180	1.003	14.666

1/12/2017 2:55:00 AM	17700.000	12.800	17.697
29.175	8312.542	9660.062	5.480
6568.842	120.300	1.003	14.666
1/12/2017 3:00:00 AM	18000.000	12.798	17.696
29.171	8298.275	9643.612	5.470
6557.657	120.507	1.003	14.667
1/12/2017 3:05:00 AM	18300.000	12.801	17.696
29.177	8282.934	9625.709	5.459
6545.482	120.730	1.003	14.664
1/12/2017 3:10:00 AM	18600.000	12.798	17.697
29.171	8273.058	9614.195	5.452
6537.653	120.874	1.003	14.662
1/12/2017 3:15:00 AM	18900.000	12.804	17.696
29.183	8262.697	9602.267	5.445
6529.542	121.026	1.003	14.659
1/12/2017 3:20:00 AM	19200.000	12.799	17.696
29.173	8252.585	9590.570	5.438
6521.588	121.174	1.003	14.657
1/12/2017 3:25:00 AM	19500.000	12.804	17.696
29.184	8246.101	9582.979	5.433
6516.426	121.269	1.003	14.656
1/12/2017 3:30:00 AM	19800.000	12.804	17.696
29.184	8237.313	9572.823	5.427
6509.521	121.399	1.003	14.654
1/12/2017 3:35:00 AM	20100.000	12.798	17.695
29.171	8232.710	9567.604	5.424
6505.971	121.467	1.003	14.658
1/12/2017 3:40:00 AM	20400.000	12.793	17.695
29.160	8224.207	9557.687	5.418
6499.228	121.592	1.003	14.662
1/12/2017 3:45:00 AM	20700.000	12.797	17.695
29.168	8218.629	9551.257	5.414
6494.855	121.675	1.003	14.666
1/12/2017 3:50:00 AM	21000.000	12.801	17.695
29.177	8213.524	9545.381	5.410
6490.859	121.750	1.003	14.663
1/12/2017 3:55:00 AM	21300.000	12.803	17.695
29.182	8206.165	9536.810	5.405
6485.031	121.860	1.003	14.659
1/12/2017 4:00:00 AM	21600.000	12.808	17.695
29.193	8200.340	9530.021	5.401
6480.415	121.946	1.003	14.655
1/12/2017 4:05:00 AM	21900.000	12.806	17.695
29.189	8197.800	9527.123	5.399
6478.444	121.984	1.003	14.656
1/12/2017 4:10:00 AM	22200.000	12.806	17.695
29.188	8191.558	9519.852	5.395
6473.500	122.077	1.003	14.656
1/12/2017 4:15:00 AM	22500.000	12.805	17.695
29.186	8186.818	9514.398	5.391
6469.792	122.148	1.003	14.657
1/12/2017 4:20:00 AM	22800.000	12.804	17.695
29.184	8180.639	9507.217	5.387
6464.908	122.240	1.003	14.657

1/12/2017 4:25:00 AM	23100.000	12.801	17.694
29.177	8169.158	9493.948	5.379
6455.885	122.412	1.003	14.656
1/12/2017 4:30:00 AM	23400.000	12.804	17.694
29.184	8158.953	9482.054	5.372
6447.797	122.565	1.003	14.656
1/12/2017 4:35:00 AM	23700.000	12.806	17.694
29.190	8151.267	9473.137	5.366
6441.733	122.680	1.003	14.654
1/12/2017 4:40:00 AM	24000.000	12.805	17.694
29.188	8143.754	9464.370	5.361
6435.772	122.793	1.003	14.652
1/12/2017 4:45:00 AM	24300.000	12.805	17.695
29.187	8138.749	9458.480	5.357
6431.767	122.869	1.003	14.651
1/12/2017 4:50:00 AM	24600.000	12.803	17.694
29.182	8132.399	9451.319	5.353
6426.897	122.965	1.003	14.651
1/12/2017 4:55:00 AM	24900.000	12.807	17.694
29.190	8130.171	9448.674	5.351
6425.099	122.999	1.003	14.651
1/12/2017 5:00:00 AM	25200.000	12.807	17.694
29.191	8124.835	9442.510	5.348
6420.907	123.079	1.003	14.651
1/12/2017 5:05:00 AM	25500.000	12.802	17.694
29.180	8117.269	9433.662	5.342
6414.890	123.194	1.003	14.652
1/12/2017 5:10:00 AM	25800.000	12.808	17.694
29.192	8108.940	9424.056	5.336
6408.358	123.321	1.003	14.653
1/12/2017 5:15:00 AM	26100.000	12.807	17.693
29.190	8100.862	9414.778	5.331
6402.049	123.444	1.003	14.654
1/12/2017 5:20:00 AM	26400.000	12.809	17.694
29.196	8092.547	9405.059	5.325
6395.440	123.570	1.003	14.653
1/12/2017 5:25:00 AM	26700.000	12.809	17.694
29.195	8088.822	9400.729	5.322
6392.497	123.627	1.003	14.652
1/12/2017 5:30:00 AM	27000.000	12.810	17.693
29.198	8085.288	9396.823	5.320
6389.840	123.681	1.003	14.651
1/12/2017 5:35:00 AM	27300.000	12.811	17.693
29.199	8079.826	9390.367	5.316
6385.450	123.765	1.003	14.650
1/12/2017 5:40:00 AM	27600.000	12.811	17.693
29.199	8076.523	9386.491	5.314
6382.814	123.816	1.003	14.649
1/12/2017 5:45:00 AM	27900.000	12.811	17.693
29.200	8070.005	9379.025	5.309
6377.737	123.916	1.003	14.648
1/12/2017 5:50:00 AM	28200.000	12.809	17.693
29.196	8063.715	9371.588	5.304
6372.680	124.012	1.003	14.650

1/12/2017 5:55:00 AM	28500.000	12.806	17.693
29.189	8056.869	9363.632	5.300
6367.270	124.118	1.003	14.653
1/12/2017 6:00:00 AM	28800.000	12.806	17.693
29.188	8046.264	9351.450	5.292
6358.987	124.281	1.003	14.656
1/12/2017 6:05:00 AM	29100.000	12.806	17.692
29.190	8040.249	9344.498	5.288
6354.259	124.374	1.003	14.656
1/12/2017 6:10:00 AM	29400.000	12.803	17.692
29.181	8032.463	9335.466	5.283
6348.117	124.495	1.003	14.656
1/12/2017 6:15:00 AM	29700.000	12.808	17.692
29.194	8026.646	9328.776	5.278
6343.568	124.585	1.003	14.657
1/12/2017 6:20:00 AM	30000.000	12.809	17.692
29.195	8022.547	9323.994	5.276
6340.316	124.649	1.003	14.654
1/12/2017 6:25:00 AM	30300.000	12.813	17.692
29.205	8015.889	9316.221	5.271
6335.031	124.752	1.003	14.652
1/12/2017 6:30:00 AM	30600.000	12.815	17.692
29.209	8013.117	9313.019	5.269
6332.853	124.795	1.003	14.650
1/12/2017 6:35:00 AM	30900.000	12.813	17.692
29.205	8008.447	9307.644	5.266
6329.198	124.868	1.003	14.653
1/12/2017 6:40:00 AM	31200.000	12.813	17.692
29.205	8005.653	9304.359	5.264
6326.965	124.912	1.003	14.656
1/12/2017 6:45:00 AM	31500.000	12.810	17.692
29.198	8001.322	9299.291	5.261
6323.518	124.979	1.003	14.658
1/12/2017 6:50:00 AM	31800.000	12.805	17.692
29.187	7997.430	9294.733	5.258
6320.419	125.040	1.003	14.660
1/12/2017 6:55:00 AM	32100.000	12.811	17.692
29.201	7993.841	9290.686	5.255
6317.667	125.096	1.003	14.661
1/12/2017 7:00:00 AM	32400.000	12.804	17.692
29.185	7989.333	9285.429	5.252
6314.092	125.167	1.003	14.663
1/12/2017 7:05:00 AM	32700.000	12.811	17.692
29.200	7983.173	9278.359	5.248
6309.285	125.263	1.003	14.662
1/12/2017 7:10:00 AM	33000.000	12.810	17.692
29.197	7978.792	9273.193	5.245
6305.772	125.332	1.003	14.661
1/12/2017 7:15:00 AM	33300.000	12.815	17.692
29.208	7972.842	9266.300	5.241
6301.084	125.426	1.003	14.660
1/12/2017 7:20:00 AM	33600.000	12.810	17.692
29.197	7964.928	9257.117	5.235
6294.840	125.550	1.003	14.663

1/12/2017 7:25:00 AM	33900.000	12.808	17.692
29.194	7958.612	9249.723	5.230
6289.812	125.650	1.003	14.665
1/12/2017 7:30:00 AM	34200.000	12.813	17.691
29.204	7943.806	9232.675	5.220
6278.219	125.884	1.003	14.668
1/12/2017 7:35:00 AM	34500.000	12.808	17.692
29.193	7922.328	9207.625	5.205
6261.185	126.226	1.003	14.671
1/12/2017 7:40:00 AM	34800.000	12.811	17.692
29.199	7907.257	9190.090	5.194
6249.261	126.466	1.003	14.673
1/12/2017 7:45:00 AM	35100.000	12.810	17.692
29.198	7895.281	9176.171	5.186
6239.797	126.658	1.003	14.676
1/12/2017 7:50:00 AM	35400.000	12.810	17.691
29.199	7879.729	9158.148	5.175
6227.542	126.908	1.003	14.676
1/12/2017 7:55:00 AM	35700.000	12.811	17.691
29.201	7871.352	9148.448	5.169
6220.945	127.043	1.003	14.675
1/12/2017 8:00:00 AM	36000.000	12.814	17.692
29.207	7863.858	9139.688	5.164
6214.988	127.164	1.003	14.675
1/12/2017 8:05:00 AM	36300.000	12.812	17.692
29.204	7857.917	9132.657	5.159
6210.208	127.260	1.003	14.677
1/12/2017 8:10:00 AM	36600.000	12.812	17.691
29.203	7850.914	9124.658	5.155
6204.768	127.374	1.003	14.680
1/12/2017 8:15:00 AM	36900.000	12.810	17.691
29.198	7843.656	9116.275	5.150
6199.067	127.492	1.003	14.682
1/12/2017 8:20:00 AM	37200.000	12.811	17.692
29.199	7836.363	9107.680	5.144
6193.223	127.610	1.003	14.685
1/12/2017 8:25:00 AM	37500.000	12.807	17.692
29.192	7829.418	9099.623	5.139
6187.744	127.723	1.003	14.687
1/12/2017 8:30:00 AM	37800.000	12.802	17.691
29.180	7821.952	9091.104	5.134
6181.952	127.845	1.003	14.690
1/12/2017 8:35:00 AM	38100.000	12.808	17.691
29.193	7814.933	9082.928	5.129
6176.392	127.960	1.003	14.690
1/12/2017 8:40:00 AM	38400.000	12.809	17.691
29.196	7808.108	9074.908	5.124
6170.938	128.072	1.003	14.690
1/12/2017 8:45:00 AM	38700.000	12.806	17.691
29.189	7801.401	9067.186	5.120
6165.686	128.182	1.003	14.690
1/12/2017 8:50:00 AM	39000.000	12.807	17.691
29.192	7798.380	9063.689	5.118
6163.310	128.232	1.003	14.694

1/12/2017 8:55:00 AM	39300.000	12.806	17.691
29.188	7790.653	9054.692	5.112
6157.191	128.359	1.003	14.698
1/12/2017 9:00:00 AM	39600.000	12.802	17.691
29.179	7782.715	9045.467	5.107
6150.918	128.490	1.003	14.702
1/12/2017 9:05:00 AM	39900.000	12.806	17.691
29.188	7778.372	9040.472	5.104
6147.521	128.562	1.003	14.699
1/12/2017 9:10:00 AM	40200.000	12.804	17.691
29.184	7772.590	9033.646	5.099
6142.880	128.657	1.003	14.696
1/12/2017 9:15:00 AM	40500.000	12.810	17.692
29.198	7762.358	9021.720	5.092
6134.770	128.827	1.003	14.693
1/12/2017 9:20:00 AM	40800.000	12.815	17.691
29.210	7750.979	9008.563	5.084
6125.823	129.016	1.003	14.693
1/12/2017 9:25:00 AM	41100.000	12.811	17.691
29.200	7741.367	8997.410	5.078
6118.239	129.176	1.003	14.693
1/12/2017 9:30:00 AM	41400.000	12.810	17.691
29.199	7728.858	8982.974	5.069
6108.423	129.385	1.003	14.694
1/12/2017 9:35:00 AM	41700.000	12.806	17.691
29.188	7719.723	8972.322	5.062
6101.180	129.538	1.003	14.699
1/12/2017 9:40:00 AM	42000.000	12.802	17.691
29.179	7713.403	8964.856	5.058
6096.103	129.644	1.003	14.705
1/12/2017 9:45:00 AM	42300.000	12.802	17.691
29.179	7702.948	8952.844	5.051
6087.934	129.820	1.003	14.710
1/12/2017 9:50:00 AM	42600.000	12.804	17.691
29.184	7693.585	8941.909	5.044
6080.499	129.978	1.003	14.708
1/12/2017 9:55:00 AM	42900.000	12.802	17.691
29.181	7684.921	8931.840	5.038
6073.652	130.125	1.003	14.707
1/12/2017 10:00:00 AM	43200.000	12.809	17.690
29.197	7678.566	8924.541	5.033
6068.688	130.233	1.003	14.705
1/12/2017 10:05:00 AM	43500.000	12.806	17.690
29.188	7670.241	8914.897	5.028
6062.130	130.374	1.002	14.705
1/12/2017 10:10:00 AM	43800.000	12.805	17.691
29.187	7665.342	8909.137	5.024
6058.213	130.457	1.002	14.706
1/12/2017 10:15:00 AM	44100.000	12.810	17.690
29.198	7657.422	8899.999	5.019
6052.000	130.592	1.002	14.706
1/12/2017 10:20:00 AM	44400.000	12.812	17.690
29.203	7648.429	8889.564	5.012
6044.904	130.746	1.002	14.706

1/12/2017 10:25:00 AM	44700.000	12.811	17.691
29.200	7641.565	8881.516	5.007
6039.431	130.863	1.002	14.706
1/12/2017 10:30:00 AM	45000.000	12.809	17.690
29.196	7636.442	8875.581	5.004
6035.395	130.951	1.002	14.706
1/12/2017 10:35:00 AM	45300.000	12.812	17.691
29.202	7629.380	8867.305	4.999
6029.768	131.072	1.002	14.708
1/12/2017 10:40:00 AM	45600.000	12.807	17.690
29.191	7620.693	8857.328	4.993
6022.983	131.222	1.002	14.710
1/12/2017 10:45:00 AM	45900.000	12.805	17.690
29.187	7612.334	8847.612	4.987
6016.377	131.366	1.002	14.711
1/12/2017 10:50:00 AM	46200.000	12.807	17.690
29.190	7604.803	8838.895	4.982
6010.448	131.496	1.002	14.709
1/12/2017 10:55:00 AM	46500.000	12.810	17.690
29.197	7595.546	8828.049	4.975
6003.074	131.656	1.002	14.707
1/12/2017 11:00:00 AM	46800.000	12.809	17.690
29.195	7589.527	8821.070	4.971
5998.328	131.761	1.002	14.705
1/12/2017 11:05:00 AM	47100.000	12.814	17.691
29.206	7584.478	8815.151	4.967
5994.304	131.848	1.002	14.705
1/12/2017 11:10:00 AM	47400.000	12.814	17.690
29.207	7576.972	8806.461	4.962
5988.394	131.979	1.002	14.705
1/12/2017 11:15:00 AM	47700.000	12.808	17.690
29.194	7571.636	8800.292	4.958
5984.199	132.072	1.002	14.704
1/12/2017 11:20:00 AM	48000.000	12.809	17.690
29.196	7564.454	8791.944	4.953
5978.522	132.197	1.002	14.707
1/12/2017 11:25:00 AM	48300.000	12.801	17.690
29.178	7553.552	8779.326	4.946
5969.942	132.388	1.002	14.709
1/12/2017 11:30:00 AM	48600.000	12.802	17.691
29.180	7543.355	8767.370	4.938
5961.812	132.567	1.002	14.712
1/12/2017 11:35:00 AM	48900.000	12.800	17.690
29.176	7535.876	8758.867	4.933
5956.030	132.699	1.002	14.710
1/12/2017 11:40:00 AM	49200.000	12.806	17.690
29.189	7527.775	8749.332	4.927
5949.546	132.841	1.002	14.707
1/12/2017 11:45:00 AM	49500.000	12.808	17.690
29.193	7521.457	8741.938	4.923
5944.519	132.953	1.002	14.705
1/12/2017 11:50:00 AM	49800.000	12.807	17.690
29.191	7517.254	8737.086	4.920
5941.218	133.027	1.002	14.704

1/12/2017 11:55:00 AM	50100.000	12.803	17.690
29.183	7511.826	8730.812	4.916
5936.952	133.123	1.002	14.704
1/12/2017 12:00:00 PM	50400.000	12.804	17.690
29.183	7508.426	8726.963	4.914
5934.335	133.184	1.002	14.703
1/12/2017 12:05:00 PM	50700.000	12.807	17.690
29.191	7505.237	8723.119	4.912
5931.722	133.240	1.002	14.702
1/12/2017 12:10:00 PM	51000.000	12.803	17.690
29.181	7501.167	8718.475	4.909
5928.563	133.313	1.002	14.701
1/12/2017 12:15:00 PM	51300.000	12.803	17.690
29.182	7497.478	8714.186	4.906
5925.646	133.378	1.002	14.701
1/12/2017 12:20:00 PM	51600.000	12.807	17.690
29.190	7492.027	8707.851	4.902
5921.338	133.475	1.002	14.701
1/12/2017 12:25:00 PM	51900.000	12.800	17.690
29.176	7487.058	8702.007	4.899
5917.365	133.564	1.002	14.701
1/12/2017 12:30:00 PM	52200.000	12.806	17.690
29.188	7482.397	8696.606	4.896
5913.692	133.647	1.002	14.701
1/12/2017 12:35:00 PM	52500.000	12.806	17.690
29.188	7476.382	8689.582	4.891
5908.917	133.755	1.002	14.699
1/12/2017 12:40:00 PM	52800.000	12.805	17.690
29.186	7470.946	8683.298	4.888
5904.643	133.852	1.002	14.697
1/12/2017 12:45:00 PM	53100.000	12.810	17.690
29.198	7467.856	8679.773	4.885
5902.247	133.907	1.002	14.695
1/12/2017 12:50:00 PM	53400.000	12.804	17.690
29.184	7461.627	8672.450	4.881
5897.267	134.019	1.002	14.696
1/12/2017 12:55:00 PM	53700.000	12.808	17.690
29.193	7456.040	8665.938	4.877
5892.838	134.119	1.002	14.697
1/12/2017 1:00:00 PM	54000.000	12.803	17.690
29.181	7448.820	8657.614	4.872
5887.178	134.249	1.002	14.697
1/12/2017 1:05:00 PM	54300.000	12.801	17.690
29.177	7443.785	8651.695	4.869
5883.153	134.340	1.002	14.698
1/12/2017 1:10:00 PM	54600.000	12.800	17.690
29.176	7436.730	8643.513	4.864
5877.589	134.468	1.002	14.698
1/12/2017 1:15:00 PM	54900.000	12.800	17.690
29.176	7432.496	8638.658	4.861
5874.288	134.544	1.002	14.699
1/12/2017 1:20:00 PM	55200.000	12.801	17.690
29.177	7427.387	8632.653	4.857
5870.205	134.637	1.002	14.697

1/12/2017 1:25:00 PM	55500.000	12.801	17.690
29.178	7422.746	8627.309	4.854
5866.570	134.721	1.002	14.696
1/12/2017 1:30:00 PM	55800.000	12.805	17.690
29.187	7418.757	8622.756	4.851
5863.475	134.793	1.002	14.694
1/12/2017 1:35:00 PM	56100.000	12.808	17.689
29.194	7413.837	8617.073	4.848
5859.610	134.883	1.002	14.695
1/12/2017 1:40:00 PM	56400.000	12.803	17.690
29.181	7408.383	8610.615	4.844
5855.218	134.982	1.002	14.696
1/12/2017 1:45:00 PM	56700.000	12.806	17.690
29.188	7404.370	8605.969	4.841
5852.059	135.055	1.002	14.697
1/12/2017 1:50:00 PM	57000.000	12.804	17.689
29.184	7400.009	8601.000	4.838
5848.681	135.135	1.002	14.698
1/12/2017 1:55:00 PM	57300.000	12.803	17.689
29.181	7396.187	8596.572	4.835
5845.670	135.205	1.002	14.698
1/12/2017 2:00:00 PM	57600.000	12.802	17.690
29.179	7392.859	8592.605	4.833
5842.972	135.266	1.002	14.699
1/12/2017 2:05:00 PM	57900.000	12.802	17.690
29.181	7385.835	8584.342	4.828
5837.353	135.394	1.002	14.697
1/12/2017 2:10:00 PM	58200.000	12.805	17.690
29.187	7382.293	8580.342	4.825
5834.632	135.459	1.002	14.695
1/12/2017 2:15:00 PM	58500.000	12.808	17.690
29.194	7378.439	8575.830	4.823
5831.565	135.530	1.002	14.692
1/12/2017 2:20:00 PM	58800.000	12.802	17.690
29.180	7373.971	8570.652	4.820
5828.044	135.612	1.002	14.694
1/12/2017 2:25:00 PM	59100.000	12.799	17.689
29.174	7370.311	8566.497	4.817
5825.219	135.679	1.002	14.696
1/12/2017 2:30:00 PM	59400.000	12.804	17.689
29.184	7364.865	8560.152	4.813
5820.904	135.780	1.002	14.698
1/12/2017 2:35:00 PM	59700.000	12.805	17.690
29.187	7361.927	8556.688	4.811
5818.549	135.834	1.002	14.697
1/12/2017 2:40:00 PM	60000.000	12.807	17.689
29.192	7358.738	8553.063	4.809
5816.083	135.893	1.002	14.696
1/12/2017 2:45:00 PM	60300.000	12.807	17.689
29.192	7353.509	8546.953	4.805
5811.928	135.990	1.002	14.695
1/12/2017 2:50:00 PM	60600.000	12.806	17.689
29.188	7349.497	8542.305	4.803
5808.767	136.064	1.002	14.697

1/12/2017 2:55:00 PM	60900.000	12.805	17.689
29.186	7346.063	8538.300	4.800
5806.044	136.127	1.002	14.699
1/12/2017 3:00:00 PM	61200.000	12.804	17.689
29.184	7341.345	8532.814	4.797
5802.314	136.215	1.002	14.701
1/12/2017 3:05:00 PM	61500.000	12.804	17.689
29.185	7337.667	8528.523	4.794
5799.396	136.283	1.002	14.701
1/12/2017 3:10:00 PM	61800.000	12.799	17.690
29.174	7334.359	8524.628	4.792
5796.747	136.345	1.002	14.702
1/12/2017 3:15:00 PM	62100.000	12.799	17.689
29.173	7330.995	8520.785	4.790
5794.134	136.407	1.002	14.703
1/12/2017 3:20:00 PM	62400.000	12.805	17.689
29.186	7328.841	8518.329	4.788
5792.464	136.447	1.002	14.702
1/12/2017 3:25:00 PM	62700.000	12.800	17.689
29.176	7324.821	8513.593	4.785
5789.243	136.522	1.002	14.702
1/12/2017 3:30:00 PM	63000.000	12.807	17.689
29.191	7321.732	8510.002	4.783
5786.801	136.580	1.002	14.701
1/12/2017 3:35:00 PM	63300.000	12.804	17.689
29.185	7315.667	8503.083	4.779
5782.097	136.693	1.002	14.702
1/12/2017 3:40:00 PM	63600.000	12.806	17.689
29.188	7311.479	8498.103	4.776
5778.710	136.771	1.002	14.703
1/12/2017 3:45:00 PM	63900.000	12.800	17.689
29.176	7305.830	8491.536	4.772
5774.245	136.877	1.002	14.704
1/12/2017 3:50:00 PM	64200.000	12.802	17.689
29.179	7299.676	8484.431	4.768
5769.414	136.992	1.002	14.705
1/12/2017 3:55:00 PM	64500.000	12.803	17.689
29.182	7292.607	8476.250	4.763
5763.850	137.125	1.002	14.706
1/12/2017 4:00:00 PM	64800.000	12.803	17.689
29.182	7287.328	8470.114	4.759
5759.678	137.225	1.002	14.707
1/12/2017 4:05:00 PM	65100.000	12.803	17.689
29.182	7277.998	8459.219	4.753
5752.269	137.400	1.002	14.707
1/12/2017 4:10:00 PM	65400.000	12.798	17.689
29.171	7271.985	8452.295	4.748
5747.561	137.514	1.002	14.707
1/12/2017 4:15:00 PM	65700.000	12.800	17.689
29.175	7264.423	8443.472	4.743
5741.562	137.657	1.002	14.706
1/12/2017 4:20:00 PM	66000.000	12.803	17.689
29.182	7257.773	8435.695	4.738
5736.273	137.783	1.002	14.708

1/12/2017 4:25:00 PM	66300.000	12.797	17.689
29.168	7250.854	8427.638	4.733
5730.794	137.915	1.002	14.709
1/12/2017 4:30:00 PM	66600.000	12.801	17.689
29.177	7242.817	8418.392	4.728
5724.507	138.068	1.002	14.710
1/12/2017 4:35:00 PM	66900.000	12.802	17.689
29.179	7236.888	8411.550	4.724
5719.854	138.181	1.002	14.709
1/12/2017 4:40:00 PM	67200.000	12.799	17.689
29.173	7228.831	8402.122	4.718
5713.443	138.335	1.002	14.707
1/12/2017 4:45:00 PM	67500.000	12.800	17.689
29.176	7222.481	8394.742	4.714
5708.425	138.457	1.002	14.705
1/12/2017 4:50:00 PM	67800.000	12.805	17.689
29.187	7215.400	8386.525	4.709
5702.837	138.592	1.002	14.706
1/12/2017 4:55:00 PM	68100.000	12.800	17.689
29.176	7208.777	8378.845	4.704
5697.615	138.720	1.002	14.706
1/12/2017 5:00:00 PM	68400.000	12.804	17.688
29.185	7202.262	8371.336	4.700
5692.509	138.845	1.002	14.706
1/12/2017 5:05:00 PM	68700.000	12.804	17.689
29.184	7195.232	8363.132	4.695
5686.930	138.981	1.002	14.709
1/12/2017 5:10:00 PM	69000.000	12.800	17.689
29.176	7187.760	8354.352	4.689
5680.959	139.125	1.002	14.711
1/12/2017 5:15:00 PM	69300.000	12.798	17.689
29.172	7181.700	8347.341	4.685
5676.192	139.243	1.002	14.713
1/12/2017 5:20:00 PM	69600.000	12.796	17.689
29.166	7176.536	8341.387	4.682
5672.144	139.343	1.002	14.709
1/12/2017 5:25:00 PM	69900.000	12.807	17.689
29.191	7170.792	8334.596	4.678
5667.525	139.455	1.002	14.705
1/12/2017 5:30:00 PM	70200.000	12.803	17.689
29.183	7164.951	8327.922	4.673
5662.987	139.568	1.002	14.701
1/12/2017 5:35:00 PM	70500.000	12.801	17.689
29.177	7160.193	8322.294	4.670
5659.161	139.661	1.002	14.704
1/12/2017 5:40:00 PM	70800.000	12.797	17.689
29.168	7154.275	8315.432	4.666
5654.494	139.777	1.002	14.708
1/12/2017 5:45:00 PM	71100.000	12.797	17.689
29.168	7149.872	8310.329	4.663
5651.024	139.863	1.002	14.712
1/12/2017 5:50:00 PM	71400.000	12.796	17.689
29.165	7143.731	8303.144	4.659
5646.138	139.983	1.002	14.710

1/12/2017 5:55:00 PM	71700.000	12.803	17.689
29.182	7141.113	8300.215	4.657
5644.146	140.034	1.002	14.707
1/12/2017 6:00:00 PM	72000.000	12.807	17.688
29.190	7135.236	8293.416	4.653
5639.523	140.150	1.002	14.705
1/12/2017 6:05:00 PM	72300.000	12.803	17.688
29.183	7130.725	8288.221	4.650
5635.991	140.238	1.002	14.709
1/12/2017 6:10:00 PM	72600.000	12.799	17.689
29.174	7127.001	8283.715	4.647
5632.926	140.311	1.002	14.713
1/12/2017 6:15:00 PM	72900.000	12.792	17.689
29.157	7123.032	8279.199	4.644
5629.855	140.390	1.002	14.718
1/12/2017 6:20:00 PM	73200.000	12.798	17.688
29.170	7117.922	8273.372	4.641
5625.893	140.490	1.002	14.715
1/12/2017 6:25:00 PM	73500.000	12.801	17.689
29.177	7115.532	8270.481	4.639
5623.928	140.538	1.002	14.713
1/12/2017 6:30:00 PM	73800.000	12.804	17.689
29.185	7112.875	8267.393	4.637
5621.828	140.590	1.002	14.710
1/12/2017 6:35:00 PM	74100.000	12.802	17.689
29.179	7109.965	8263.945	4.635
5619.483	140.648	1.002	14.713
1/12/2017 6:40:00 PM	74400.000	12.801	17.688
29.177	7105.540	8258.899	4.632
5616.052	140.735	1.002	14.716
1/12/2017 6:45:00 PM	74700.000	12.797	17.689
29.169	7103.386	8256.330	4.630
5614.305	140.778	1.002	14.719
1/12/2017 6:50:00 PM	75000.000	12.797	17.688
29.168	7099.862	8252.331	4.628
5611.585	140.848	1.002	14.721
1/12/2017 6:55:00 PM	75300.000	12.797	17.688
29.168	7100.181	8252.670	4.628
5611.816	140.841	1.002	14.723
1/12/2017 7:00:00 PM	75600.000	12.796	17.688
29.167	7095.848	8247.714	4.625
5608.446	140.927	1.002	14.725
1/12/2017 7:05:00 PM	75900.000	12.790	17.689
29.153	7092.772	8244.041	4.623
5605.948	140.989	1.002	14.725
1/12/2017 7:10:00 PM	76200.000	12.799	17.688
29.173	7089.014	8239.705	4.620
5603.000	141.063	1.002	14.725
1/12/2017 7:15:00 PM	76500.000	12.794	17.689
29.162	7086.958	8237.271	4.619
5601.345	141.104	1.002	14.725
1/12/2017 7:20:00 PM	76800.000	12.798	17.688
29.170	7083.867	8233.724	4.617
5598.932	141.166	1.002	14.725

1/12/2017 7:25:00 PM	77100.000	12.797	17.689
29.169	7082.172	8231.706	4.616
5597.561	141.200	1.002	14.725
1/12/2017 7:30:00 PM	77400.000	12.794	17.688
29.163	7078.190	8227.125	4.613
5594.445	141.279	1.002	14.726
1/12/2017 7:35:00 PM	77700.000	12.797	17.688
29.168	7075.079	8223.494	4.611
5591.976	141.341	1.002	14.727
1/12/2017 7:40:00 PM	78000.000	12.798	17.688
29.170	7072.086	8220.095	4.609
5589.665	141.401	1.002	14.729
1/12/2017 7:45:00 PM	78300.000	12.796	17.689
29.165	7068.134	8215.374	4.606
5586.455	141.480	1.002	14.731
1/12/2017 7:50:00 PM	78600.000	12.789	17.689
29.151	7066.941	8213.970	4.605
5585.500	141.504	1.002	14.732
1/12/2017 7:55:00 PM	78900.000	12.796	17.688
29.165	7063.319	8209.905	4.603
5582.736	141.576	1.002	14.733
1/12/2017 8:00:00 PM	79200.000	12.794	17.688
29.162	7061.462	8207.762	4.601
5581.278	141.614	1.002	14.735
1/12/2017 8:05:00 PM	79500.000	12.794	17.688
29.162	7058.522	8204.264	4.599
5578.900	141.673	1.002	14.734
1/12/2017 8:10:00 PM	79800.000	12.792	17.688
29.156	7054.424	8199.486	4.596
5575.651	141.755	1.002	14.734
1/12/2017 8:15:00 PM	80100.000	12.792	17.689
29.157	7051.826	8196.435	4.594
5573.576	141.807	1.002	14.734
1/12/2017 8:20:00 PM	80400.000	12.795	17.688
29.163	7049.377	8193.635	4.593
5571.672	141.857	1.002	14.736
1/12/2017 8:25:00 PM	80700.000	12.792	17.689
29.157	7046.697	8190.474	4.591
5569.523	141.910	1.002	14.738
1/12/2017 8:30:00 PM	81000.000	12.788	17.688
29.147	7042.418	8185.579	4.588
5566.193	141.997	1.002	14.740
1/12/2017 8:35:00 PM	81300.000	12.794	17.688
29.161	7040.221	8183.025	4.586
5564.458	142.041	1.002	14.740
1/12/2017 8:40:00 PM	81600.000	12.789	17.688
29.149	7036.386	8178.614	4.584
5561.458	142.118	1.002	14.740
1/12/2017 8:45:00 PM	81900.000	12.789	17.688
29.149	7034.070	8175.860	4.582
5559.585	142.165	1.002	14.741
1/12/2017 8:50:00 PM	82200.000	12.795	17.688
29.163	7032.626	8174.197	4.581
5558.455	142.194	1.002	14.738

1/12/2017 8:55:00 PM	82500.000	12.794	17.688
29.161	7029.693	8170.868	4.579
5556.190	142.254	1.002	14.735
1/12/2017 9:00:00 PM	82800.000	12.802	17.688
29.179	7025.063	8165.375	4.576
5552.455	142.347	1.002	14.733
1/12/2017 9:05:00 PM	83100.000	12.801	17.688
29.177	7023.458	8163.508	4.575
5551.186	142.380	1.002	14.734
1/12/2017 9:10:00 PM	83400.000	12.801	17.689
29.178	7019.574	8158.961	4.572
5548.094	142.459	1.002	14.735
1/12/2017 9:15:00 PM	83700.000	12.796	17.688
29.166	7020.395	8159.948	4.573
5548.765	142.442	1.002	14.736
1/12/2017 9:20:00 PM	84000.000	12.799	17.688
29.173	7019.636	8159.161	4.572
5548.229	142.458	1.002	14.738
1/12/2017 9:25:00 PM	84300.000	12.791	17.688
29.155	7024.522	8164.762	4.575
5552.039	142.358	1.002	14.741
1/12/2017 9:30:00 PM	84600.000	12.795	17.688
29.163	7030.396	8171.698	4.580
5556.755	142.240	1.002	14.744
1/12/2017 9:35:00 PM	84900.000	12.791	17.688
29.154	7036.052	8178.290	4.584
5561.237	142.125	1.002	14.743
1/12/2017 9:40:00 PM	85200.000	12.792	17.688
29.156	7044.074	8187.566	4.589
5567.545	141.963	1.002	14.742
1/12/2017 9:45:00 PM	85500.000	12.798	17.688
29.170	7053.876	8199.023	4.596
5575.336	141.766	1.002	14.741
1/12/2017 9:50:00 PM	85800.000	12.799	17.688
29.173	7061.179	8207.432	4.601
5581.054	141.619	1.002	14.741
1/12/2017 9:55:00 PM	86100.000	12.800	17.688
29.176	7066.502	8213.620	4.605
5585.262	141.513	1.002	14.740
1/12/2017 10:00:00 PM	86400.000	12.800	17.688
29.175	7070.995	8218.906	4.608
5588.857	141.423	1.002	14.740
1/12/2017 10:05:00 PM	86700.000	12.798	17.688
29.171	7076.927	8225.770	4.612
5593.523	141.304	1.002	14.744
1/12/2017 10:10:00 PM	87000.000	12.790	17.688
29.153	7082.370	8232.127	4.616
5597.847	141.196	1.002	14.747
1/12/2017 10:15:00 PM	87300.000	12.790	17.687
29.152	7088.408	8239.240	4.620
5602.684	141.075	1.002	14.751
1/12/2017 10:20:00 PM	87600.000	12.794	17.687
29.160	7094.677	8246.514	4.625
5607.630	140.951	1.002	14.751

1/12/2017 10:25:00 PM	87900.000	12.795	17.688
29.163	7101.175	8253.953	4.629
5612.688	140.822	1.002	14.750
1/12/2017 10:30:00 PM	88200.000	12.795	17.687
29.164	7107.218	8261.040	4.633
5617.507	140.702	1.002	14.749
1/12/2017 10:35:00 PM	88500.000	12.796	17.688
29.166	7111.688	8266.221	4.636
5621.030	140.614	1.002	14.749
1/12/2017 10:40:00 PM	88800.000	12.796	17.688
29.166	7116.928	8272.296	4.640
5625.161	140.510	1.002	14.748
1/12/2017 10:45:00 PM	89100.000	12.796	17.688
29.165	7121.883	8278.070	4.644
5629.088	140.412	1.002	14.747
1/12/2017 10:50:00 PM	89400.000	12.791	17.687
29.155	7128.422	8285.703	4.648
5634.279	140.284	1.002	14.749
1/12/2017 10:55:00 PM	89700.000	12.789	17.688
29.149	7132.193	8290.039	4.651
5637.227	140.209	1.002	14.752
1/12/2017 11:00:00 PM	90000.000	12.791	17.688
29.154	7135.893	8294.321	4.653
5640.139	140.137	1.002	14.754
1/12/2017 11:05:00 PM	90300.000	12.787	17.688
29.146	7141.620	8300.978	4.657
5644.665	140.024	1.002	14.754
1/12/2017 11:10:00 PM	90600.000	12.793	17.688
29.158	7146.210	8306.282	4.660
5648.272	139.934	1.002	14.754
1/12/2017 11:15:00 PM	90900.000	12.788	17.688
29.149	7151.258	8312.181	4.664
5652.283	139.836	1.002	14.755
1/12/2017 11:20:00 PM	91200.000	12.790	17.688
29.152	7151.414	8312.300	4.664
5652.364	139.832	1.002	14.754
1/12/2017 11:25:00 PM	91500.000	12.789	17.687
29.150	7157.354	8319.316	4.668
5657.135	139.716	1.002	14.753
1/12/2017 11:30:00 PM	91800.000	12.796	17.688
29.166	7160.435	8322.881	4.670
5659.559	139.656	1.002	14.752
1/12/2017 11:35:00 PM	92100.000	12.797	17.687
29.169	7164.271	8327.356	4.673
5662.603	139.582	1.002	14.751
1/12/2017 11:40:00 PM	92400.000	12.793	17.687
29.160	7168.827	8332.651	4.676
5666.204	139.493	1.002	14.751
1/12/2017 11:45:00 PM	92700.000	12.800	17.688
29.174	7170.620	8334.704	4.678
5667.599	139.458	1.002	14.750
1/12/2017 11:50:00 PM	93000.000	12.800	17.687
29.175	7173.102	8337.654	4.679
5669.605	139.410	1.002	14.750

1/12/2017 11:55:00 PM	93300.000	12.795	17.688
29.164	7177.045	8342.188	4.682
5672.688	139.333	1.002	14.751
1/13/2017 12:00:00 AM	93600.000	12.799	17.688
29.174	7178.600	8343.961	4.683
5673.894	139.303	1.002	14.752
1/13/2017 12:05:00 AM	93900.000	12.797	17.688
29.169	7180.666	8346.315	4.685
5675.495	139.263	1.002	14.753
1/13/2017 12:10:00 AM	94200.000	12.798	17.687
29.170	7185.014	8351.500	4.688
5679.021	139.179	1.002	14.755
1/13/2017 12:15:00 AM	94500.000	12.795	17.687
29.163	7185.313	8351.865	4.688
5679.269	139.173	1.002	14.756
1/13/2017 12:20:00 AM	94800.000	12.793	17.688
29.159	7188.514	8355.484	4.690
5681.730	139.111	1.002	14.755
1/13/2017 12:25:00 AM	95100.000	12.796	17.688
29.167	7190.164	8357.437	4.691
5683.057	139.079	1.002	14.753
1/13/2017 12:30:00 AM	95400.000	12.802	17.688
29.180	7192.521	8360.161	4.693
5684.910	139.033	1.002	14.751
1/13/2017 12:35:00 AM	95700.000	12.799	17.687
29.173	7193.107	8360.907	4.693
5685.417	139.022	1.002	14.749
1/13/2017 12:40:00 AM	96000.000	12.805	17.687
29.187	7195.975	8364.224	4.695
5687.673	138.967	1.002	14.748
1/13/2017 12:45:00 AM	96300.000	12.803	17.688
29.183	7196.554	8364.864	4.696
5688.108	138.955	1.002	14.747
1/13/2017 12:50:00 AM	96600.000	12.799	17.687
29.173	7198.847	8367.562	4.697
5689.942	138.911	1.002	14.749
1/13/2017 12:55:00 AM	96900.000	12.799	17.687
29.172	7198.853	8367.585	4.697
5689.958	138.911	1.002	14.751
1/13/2017 1:00:00 AM	97200.000	12.798	17.688
29.171	7202.160	8371.332	4.700
5692.506	138.847	1.002	14.754
1/13/2017 1:05:00 AM	97500.000	12.801	17.687
29.178	7203.066	8372.449	4.700
5693.266	138.830	1.002	14.755
1/13/2017 1:10:00 AM	97800.000	12.796	17.687
29.166	7203.990	8373.522	4.701
5693.996	138.812	1.002	14.757
1/13/2017 1:15:00 AM	98100.000	12.800	17.688
29.176	7202.655	8371.955	4.700
5692.930	138.838	1.002	14.759
1/13/2017 1:20:00 AM	98400.000	12.797	17.687
29.169	7205.276	8375.018	4.702
5695.013	138.787	1.002	14.757

1/13/2017 1:25:00 AM	98700.000	12.805	17.687
29.187	7205.326	8375.076	4.702
5695.052	138.786	1.002	14.755
1/13/2017 1:30:00 AM	99000.000	12.803	17.687
29.183	7206.501	8376.507	4.703
5696.025	138.764	1.002	14.753
1/13/2017 1:35:00 AM	99300.000	12.806	17.687
29.188	7206.894	8376.898	4.703
5696.292	138.756	1.002	14.755
1/13/2017 1:40:00 AM	99600.000	12.806	17.687
29.188	7207.215	8377.305	4.703
5696.567	138.750	1.002	14.757
1/13/2017 1:45:00 AM	99900.000	12.804	17.687
29.185	7208.543	8378.832	4.704
5697.606	138.724	1.002	14.760
1/13/2017 1:50:00 AM	100200.000	12.805	17.688
29.187	7208.841	8379.146	4.704
5697.819	138.719	1.002	14.761
1/13/2017 1:55:00 AM	100500.000	12.805	17.687
29.186	7208.671	8378.980	4.704
5697.707	138.722	1.002	14.761
1/13/2017 2:00:00 AM	100800.000	12.804	17.687
29.184	7209.512	8380.057	4.705
5698.438	138.706	1.002	14.762
1/13/2017 2:05:00 AM	101100.000	12.800	17.688
29.175	7209.657	8380.094	4.705
5698.464	138.703	1.002	14.762
1/13/2017 2:10:00 AM	101400.000	12.803	17.688
29.182	7209.675	8380.100	4.705
5698.468	138.703	1.002	14.762
1/13/2017 2:15:00 AM	101700.000	12.809	17.687
29.196	7210.838	8381.534	4.706
5699.444	138.680	1.002	14.762
1/13/2017 2:20:00 AM	102000.000	12.813	17.688
29.204	7210.918	8381.525	4.706
5699.438	138.679	1.002	14.759
1/13/2017 2:25:00 AM	102300.000	12.810	17.687
29.198	7212.323	8383.242	4.707
5700.605	138.652	1.002	14.757
1/13/2017 2:30:00 AM	102600.000	12.812	17.687
29.203	7212.360	8383.285	4.707
5700.634	138.651	1.002	14.755
1/13/2017 2:35:00 AM	102900.000	12.811	17.687
29.200	7211.509	8382.313	4.706
5699.974	138.667	1.002	14.757
1/13/2017 2:40:00 AM	103200.000	12.813	17.687
29.205	7212.036	8382.957	4.707
5700.411	138.657	1.002	14.760
1/13/2017 2:45:00 AM	103500.000	12.807	17.687
29.192	7211.358	8382.121	4.706
5699.842	138.670	1.002	14.762
1/13/2017 2:50:00 AM	103800.000	12.805	17.687
29.187	7211.881	8382.746	4.706
5700.268	138.660	1.002	14.765

1/13/2017 2:55:00 AM	104100.000	12.807	17.687
29.192	7212.432	8383.336	4.707
5700.669	138.649	1.002	14.768
1/13/2017 3:00:00 AM	104400.000	12.807	17.687
29.190	7212.623	8383.608	4.707
5700.854	138.646	1.002	14.771
1/13/2017 3:05:00 AM	104700.000	12.808	17.687
29.193	7214.066	8385.333	4.708
5702.027	138.618	1.002	14.771
1/13/2017 3:10:00 AM	105000.000	12.802	17.687
29.179	7211.526	8382.300	4.706
5699.964	138.667	1.002	14.771
1/13/2017 3:15:00 AM	105300.000	12.807	17.687
29.192	7212.942	8383.979	4.707
5701.106	138.640	1.002	14.771
1/13/2017 3:20:00 AM	105600.000	12.809	17.687
29.196	7213.394	8384.504	4.708
5701.463	138.631	1.002	14.770
1/13/2017 3:25:00 AM	105900.000	12.806	17.687
29.189	7212.244	8383.168	4.707
5700.554	138.653	1.002	14.768
1/13/2017 3:30:00 AM	106200.000	12.808	17.687
29.194	7214.489	8385.778	4.708
5702.329	138.610	1.002	14.767
1/13/2017 3:35:00 AM	106500.000	12.813	17.687
29.204	7216.259	8387.882	4.710
5703.760	138.576	1.002	14.769
1/13/2017 3:40:00 AM	106800.000	12.806	17.688
29.189	7214.780	8386.049	4.708
5702.513	138.604	1.002	14.772
1/13/2017 3:45:00 AM	107100.000	12.808	17.687
29.192	7215.241	8386.652	4.709
5702.924	138.596	1.002	14.774
1/13/2017 3:50:00 AM	107400.000	12.809	17.687
29.195	7215.701	8387.187	4.709
5703.288	138.587	1.002	14.774
1/13/2017 3:55:00 AM	107700.000	12.809	17.687
29.195	7217.490	8389.313	4.710
5704.733	138.552	1.002	14.773
1/13/2017 4:00:00 AM	108000.000	12.805	17.687
29.186	7217.471	8389.258	4.710
5704.696	138.553	1.002	14.773
1/13/2017 4:05:00 AM	108300.000	12.805	17.688
29.187	7220.338	8392.494	4.712
5706.896	138.498	1.002	14.773
1/13/2017 4:10:00 AM	108600.000	12.811	17.687
29.200	7222.258	8394.854	4.714
5708.501	138.461	1.002	14.772
1/13/2017 4:15:00 AM	108900.000	12.814	17.687
29.207	7223.062	8395.774	4.714
5709.127	138.445	1.002	14.772
1/13/2017 4:20:00 AM	109200.000	12.810	17.687
29.198	7224.708	8397.688	4.715
5710.428	138.414	1.002	14.771

1/13/2017 4:25:00 AM	109500.000	12.810	17.687
29.198	7223.617	8396.435	4.715
5709.576	138.435	1.002	14.770
1/13/2017 4:30:00 AM	109800.000	12.811	17.687
29.201	7226.482	8399.799	4.717
5711.863	138.380	1.002	14.770
1/13/2017 4:35:00 AM	110100.000	12.812	17.688
29.203	7228.446	8401.934	4.718
5713.315	138.342	1.002	14.770
1/13/2017 4:40:00 AM	110400.000	12.811	17.687
29.200	7230.578	8404.461	4.720
5715.034	138.302	1.002	14.771
1/13/2017 4:45:00 AM	110700.000	12.810	17.687
29.199	7230.729	8404.700	4.720
5715.197	138.299	1.002	14.772
1/13/2017 4:50:00 AM	111000.000	12.809	17.687
29.196	7231.802	8405.867	4.720
5715.990	138.278	1.002	14.774
1/13/2017 4:55:00 AM	111300.000	12.810	17.687
29.198	7233.128	8407.443	4.721
5717.062	138.253	1.002	14.775
1/13/2017 5:00:00 AM	111600.000	12.813	17.687
29.204	7232.573	8406.829	4.721
5716.645	138.263	1.002	14.776
1/13/2017 5:05:00 AM	111900.000	12.813	17.687
29.204	7235.397	8410.127	4.723
5718.886	138.209	1.002	14.779
1/13/2017 5:10:00 AM	112200.000	12.811	17.687
29.201	7237.089	8412.029	4.724
5720.181	138.177	1.002	14.781
1/13/2017 5:15:00 AM	112500.000	12.804	17.687
29.184	7236.501	8411.313	4.724
5719.693	138.188	1.002	14.783
1/13/2017 5:20:00 AM	112800.000	12.807	17.687
29.192	7237.031	8411.962	4.724
5720.135	138.178	1.002	14.781
1/13/2017 5:25:00 AM	113100.000	12.809	17.687
29.195	7238.097	8413.219	4.725
5720.989	138.158	1.002	14.780
1/13/2017 5:30:00 AM	113400.000	12.810	17.687
29.198	7238.637	8413.795	4.725
5721.381	138.148	1.002	14.778
1/13/2017 5:35:00 AM	113700.000	12.817	17.687
29.213	7240.461	8416.014	4.726
5722.890	138.113	1.002	14.777
1/13/2017 5:40:00 AM	114000.000	12.814	17.687
29.208	7240.838	8416.451	4.727
5723.188	138.106	1.002	14.777
1/13/2017 5:45:00 AM	114300.000	12.814	17.687
29.207	7241.046	8416.629	4.727
5723.308	138.102	1.002	14.776
1/13/2017 5:50:00 AM	114600.000	12.813	17.686
29.205	7239.704	8415.216	4.726
5722.347	138.127	1.002	14.779

1/13/2017 5:55:00 AM	114900.000	12.815	17.687
29.208	7241.743	8417.487	4.727
5723.892	138.088	1.002	14.781
1/13/2017 6:00:00 AM	115200.000	12.808	17.687
29.193	7240.954	8416.604	4.727
5723.291	138.103	1.002	14.784
1/13/2017 6:05:00 AM	115500.000	12.816	17.687
29.211	7242.319	8418.108	4.728
5724.314	138.077	1.002	14.781
1/13/2017 6:10:00 AM	115800.000	12.814	17.687
29.206	7244.909	8421.150	4.730
5726.383	138.028	1.002	14.779
1/13/2017 6:15:00 AM	116100.000	12.821	17.687
29.223	7243.471	8419.512	4.729
5725.269	138.055	1.002	14.777
1/13/2017 6:20:00 AM	116400.000	12.820	17.687
29.221	7243.736	8419.837	4.729
5725.490	138.050	1.002	14.778
1/13/2017 6:25:00 AM	116700.000	12.816	17.688
29.211	7245.209	8421.403	4.730
5726.554	138.022	1.002	14.779
1/13/2017 6:30:00 AM	117000.000	12.815	17.687
29.210	7244.857	8421.076	4.730
5726.332	138.029	1.002	14.780
1/13/2017 6:35:00 AM	117300.000	12.818	17.687
29.215	7244.983	8421.223	4.730
5726.432	138.027	1.002	14.783
1/13/2017 6:40:00 AM	117600.000	12.814	17.687
29.208	7244.528	8420.725	4.729
5726.093	138.035	1.002	14.786
1/13/2017 6:45:00 AM	117900.000	12.812	17.687
29.202	7244.744	8420.976	4.729
5726.264	138.031	1.002	14.788
1/13/2017 6:50:00 AM	118200.000	12.812	17.687
29.203	7239.081	8414.376	4.726
5721.776	138.139	1.002	14.789
1/13/2017 6:55:00 AM	118500.000	12.813	17.687
29.204	7226.651	8399.897	4.717
5711.930	138.377	1.002	14.789
1/13/2017 7:00:00 AM	118800.000	12.815	17.687
29.208	7209.976	8380.563	4.705
5698.783	138.697	1.002	14.789
1/13/2017 7:05:00 AM	119100.000	12.811	17.687
29.200	7189.878	8357.138	4.691
5682.854	139.084	1.002	14.789
1/13/2017 7:10:00 AM	119400.000	12.814	17.687
29.208	7174.558	8339.377	4.680
5670.777	139.381	1.002	14.789
1/13/2017 7:15:00 AM	119700.000	12.812	17.687
29.203	7158.580	8320.774	4.669
5658.127	139.693	1.002	14.789
1/13/2017 7:20:00 AM	120000.000	12.815	17.687
29.210	7145.008	8305.016	4.660
5647.411	139.958	1.002	14.790

1/13/2017 7:25:00 AM	120300.000	12.815	17.687
29.210	7132.587	8290.545	4.651
5637.571	140.202	1.002	14.790
1/13/2017 7:30:00 AM	120600.000	12.815	17.688
29.208	7122.553	8278.850	4.644
5629.618	140.399	1.002	14.791
1/13/2017 7:35:00 AM	120900.000	12.811	17.687
29.200	7112.498	8267.178	4.637
5621.681	140.598	1.002	14.793
1/13/2017 7:40:00 AM	121200.000	12.817	17.687
29.215	7103.002	8256.157	4.630
5614.187	140.786	1.002	14.796
1/13/2017 7:45:00 AM	121500.000	12.814	17.687
29.206	7094.355	8246.140	4.624
5607.375	140.957	1.002	14.798
1/13/2017 7:50:00 AM	121800.000	12.812	17.687
29.202	7086.303	8236.811	4.619
5601.031	141.117	1.002	14.796
1/13/2017 7:55:00 AM	122100.000	12.819	17.687
29.218	7078.526	8227.740	4.613
5594.863	141.272	1.002	14.794
1/13/2017 8:00:00 AM	122400.000	12.816	17.687
29.212	7071.572	8219.688	4.608
5589.388	141.411	1.002	14.793
1/13/2017 8:05:00 AM	122700.000	12.815	17.687
29.209	7063.303	8210.013	4.603
5582.809	141.577	1.002	14.794
1/13/2017 8:10:00 AM	123000.000	12.818	17.687
29.217	7057.420	8203.191	4.599
5578.171	141.695	1.002	14.796
1/13/2017 8:15:00 AM	123300.000	12.812	17.687
29.203	7049.265	8193.839	4.593
5571.811	141.859	1.002	14.798
1/13/2017 8:20:00 AM	123600.000	12.817	17.687
29.214	7042.134	8185.471	4.588
5566.121	142.002	1.002	14.800
1/13/2017 8:25:00 AM	123900.000	12.817	17.687
29.214	7034.811	8177.038	4.583
5560.386	142.150	1.002	14.801
1/13/2017 8:30:00 AM	124200.000	12.818	17.687
29.216	7026.726	8167.610	4.577
5553.975	142.314	1.002	14.803
1/13/2017 8:35:00 AM	124500.000	12.811	17.687
29.201	7020.014	8159.695	4.572
5548.593	142.450	1.002	14.804
1/13/2017 8:40:00 AM	124800.000	12.818	17.687
29.217	7013.075	8151.773	4.568
5543.206	142.591	1.002	14.804
1/13/2017 8:45:00 AM	125100.000	12.818	17.687
29.217	7004.729	8142.025	4.562
5536.577	142.761	1.002	14.805
1/13/2017 8:50:00 AM	125400.000	12.819	17.688
29.218	6996.849	8132.724	4.556
5530.252	142.921	1.002	14.805

1/13/2017 8:55:00 AM	125700.000	12.818	17.687
29.216	6990.859	8125.824	4.552
5525.561	143.044	1.002	14.806
1/13/2017 9:00:00 AM	126000.000	12.819	17.687
29.217	6985.518	8119.616	4.548
5521.339	143.153	1.002	14.806
1/13/2017 9:05:00 AM	126300.000	12.811	17.687
29.201	6975.744	8108.316	4.542
5513.656	143.354	1.002	14.809
1/13/2017 9:10:00 AM	126600.000	12.809	17.688
29.195	6971.339	8103.087	4.538
5510.100	143.444	1.002	14.812
1/13/2017 9:15:00 AM	126900.000	12.812	17.687
29.204	6963.639	8094.202	4.533
5504.058	143.603	1.002	14.815
1/13/2017 9:20:00 AM	127200.000	12.808	17.687
29.193	6957.501	8087.146	4.529
5499.259	143.730	1.002	14.814
1/13/2017 9:25:00 AM	127500.000	12.810	17.687
29.197	6950.055	8078.426	4.524
5493.330	143.884	1.002	14.813
1/13/2017 9:30:00 AM	127800.000	12.812	17.688
29.201	6943.713	8070.943	4.519
5488.242	144.015	1.002	14.812
1/13/2017 9:35:00 AM	128100.000	12.815	17.687
29.209	6937.324	8063.627	4.515
5483.267	144.148	1.002	14.813
1/13/2017 9:40:00 AM	128400.000	12.811	17.688
29.201	6931.635	8056.922	4.511
5478.708	144.266	1.002	14.815
1/13/2017 9:45:00 AM	128700.000	12.816	17.687
29.211	6926.806	8051.372	4.507
5474.933	144.367	1.002	14.816
1/13/2017 9:50:00 AM	129000.000	12.814	17.687
29.206	6921.160	8044.856	4.504
5470.503	144.484	1.002	14.817
1/13/2017 9:55:00 AM	129300.000	12.810	17.687
29.198	6915.547	8038.252	4.500
5466.012	144.602	1.002	14.818
1/13/2017 10:00:00 AM	129600.000	12.815	17.687
29.209	6910.090	8031.926	4.496
5461.709	144.716	1.002	14.818
1/13/2017 10:05:00 AM	129900.000	12.817	17.687
29.215	6903.502	8024.302	4.491
5456.526	144.854	1.002	14.819
1/13/2017 10:10:00 AM	130200.000	12.811	17.687
29.200	6896.537	8016.235	4.486
5451.040	145.000	1.002	14.820
1/13/2017 10:15:00 AM	130500.000	12.815	17.687
29.210	6891.418	8010.269	4.483
5446.983	145.108	1.002	14.821
1/13/2017 10:20:00 AM	130800.000	12.813	17.687
29.204	6885.691	8003.676	4.479
5442.500	145.229	1.002	14.823

1/13/2017 10:25:00 AM	131100.000	12.814	17.687
29.207	6879.690	7996.685	4.475
5437.746	145.355	1.002	14.824
1/13/2017 10:30:00 AM	131400.000	12.812	17.687
29.203	6874.071	7990.043	4.471
5433.230	145.474	1.002	14.826
1/13/2017 10:35:00 AM	131700.000	12.814	17.687
29.208	6868.924	7984.154	4.467
5429.225	145.583	1.002	14.825
1/13/2017 10:40:00 AM	132000.000	12.814	17.687
29.207	6863.597	7977.900	4.463
5424.973	145.696	1.002	14.825
1/13/2017 10:45:00 AM	132300.000	12.814	17.687
29.206	6858.198	7971.655	4.460
5420.726	145.811	1.002	14.824
1/13/2017 10:50:00 AM	132600.000	12.810	17.687
29.198	6852.018	7964.520	4.455
5415.874	145.942	1.002	14.824
1/13/2017 10:55:00 AM	132900.000	12.816	17.687
29.211	6849.480	7961.476	4.454
5413.804	145.996	1.002	14.823
1/13/2017 11:00:00 AM	133200.000	12.815	17.687
29.209	6843.216	7954.241	4.449
5408.885	146.130	1.002	14.822
1/13/2017 11:05:00 AM	133500.000	12.814	17.687
29.206	6838.091	7948.301	4.446
5404.845	146.240	1.002	14.823
1/13/2017 11:10:00 AM	133800.000	12.808	17.687
29.193	6834.833	7944.544	4.443
5402.291	146.309	1.002	14.824
1/13/2017 11:15:00 AM	134100.000	12.809	17.687
29.196	6829.388	7938.185	4.440
5397.965	146.426	1.002	14.825
1/13/2017 11:20:00 AM	134400.000	12.808	17.687
29.194	6823.367	7931.108	4.435
5393.154	146.555	1.002	14.823
1/13/2017 11:25:00 AM	134700.000	12.815	17.687
29.209	6820.269	7927.555	4.433
5390.738	146.622	1.002	14.820
1/13/2017 11:30:00 AM	135000.000	12.817	17.687
29.213	6817.888	7924.800	4.432
5388.865	146.673	1.002	14.817
1/13/2017 11:35:00 AM	135300.000	12.818	17.687
29.215	6812.932	7919.041	4.428
5384.948	146.780	1.002	14.816
1/13/2017 11:40:00 AM	135600.000	12.817	17.687
29.214	6807.567	7912.835	4.424
5380.728	146.895	1.002	14.816
1/13/2017 11:45:00 AM	135900.000	12.813	17.687
29.205	6803.916	7908.547	4.422
5377.813	146.974	1.002	14.815
1/13/2017 11:50:00 AM	136200.000	12.813	17.687
29.206	6799.878	7903.821	4.419
5374.599	147.061	1.002	14.815

1/13/2017 11:55:00 AM	136500.000	12.817	17.687
29.213	6796.522	7899.982	4.417
5371.989	147.134	1.002	14.815
1/13/2017 12:00:00 PM	136800.000	12.812	17.687
29.202	6790.649	7893.232	4.413
5367.398	147.261	1.002	14.816
1/13/2017 12:05:00 PM	137100.000	12.814	17.687
29.208	6786.245	7888.007	4.410
5363.845	147.357	1.002	14.815
1/13/2017 12:10:00 PM	137400.000	12.814	17.687
29.207	6782.655	7883.864	4.407
5361.028	147.435	1.002	14.815
1/13/2017 12:15:00 PM	137700.000	12.813	17.687
29.205	6778.331	7878.792	4.404
5357.578	147.529	1.002	14.814
1/13/2017 12:20:00 PM	138000.000	12.813	17.687
29.204	6774.208	7873.999	4.401
5354.319	147.619	1.002	14.810
1/13/2017 12:25:00 PM	138300.000	12.817	17.687
29.213	6769.906	7869.059	4.398
5350.961	147.713	1.002	14.805
1/13/2017 12:30:00 PM	138600.000	12.817	17.687
29.214	6763.625	7861.775	4.394
5346.007	147.850	1.002	14.801
1/13/2017 12:35:00 PM	138900.000	12.819	17.687
29.218	6758.661	7855.958	4.390
5342.051	147.958	1.002	14.802
1/13/2017 12:40:00 PM	139200.000	12.818	17.687
29.216	6756.898	7853.940	4.389
5340.680	147.997	1.002	14.803
1/13/2017 12:45:00 PM	139500.000	12.816	17.688
29.213	6752.598	7848.803	4.386
5337.187	148.091	1.002	14.804
1/13/2017 12:50:00 PM	139800.000	12.811	17.687
29.200	6747.119	7842.558	4.382
5332.939	148.211	1.002	14.804
1/13/2017 12:55:00 PM	140100.000	12.810	17.687
29.197	6743.606	7838.535	4.380
5330.205	148.289	1.002	14.804
1/13/2017 1:00:00 PM	140400.000	12.813	17.687
29.206	6739.768	7834.028	4.377
5327.139	148.373	1.002	14.804
1/13/2017 1:05:00 PM	140700.000	12.813	17.687
29.205	6737.416	7831.234	4.376
5325.240	148.425	1.002	14.803
1/13/2017 1:10:00 PM	141000.000	12.811	17.687
29.201	6734.429	7827.839	4.374
5322.931	148.491	1.002	14.803
1/13/2017 1:15:00 PM	141300.000	12.813	17.687
29.205	6729.790	7822.400	4.370
5319.232	148.593	1.002	14.802
1/13/2017 1:20:00 PM	141600.000	12.808	17.687
29.192	6726.343	7818.469	4.368
5316.559	148.669	1.002	14.802

1/13/2017 1:25:00 PM	141900.000	12.809	17.687
29.196	6723.582	7815.246	4.366
5314.367	148.730	1.002	14.802
1/13/2017 1:30:00 PM	142200.000	12.813	17.687
29.204	6719.481	7810.373	4.363
5311.053	148.821	1.002	14.802
1/13/2017 1:35:00 PM	142500.000	12.807	17.687
29.192	6717.899	7808.625	4.362
5309.865	148.856	1.002	14.803
1/13/2017 1:40:00 PM	142800.000	12.811	17.687
29.200	6714.538	7804.626	4.360
5307.146	148.931	1.002	14.804
1/13/2017 1:45:00 PM	143100.000	12.809	17.687
29.196	6711.947	7801.647	4.358
5305.121	148.988	1.002	14.805
1/13/2017 1:50:00 PM	143400.000	12.813	17.687
29.204	6709.155	7798.431	4.356
5302.933	149.050	1.002	14.803
1/13/2017 1:55:00 PM	143700.000	12.814	17.687
29.207	6706.158	7794.931	4.354
5300.553	149.117	1.002	14.801
1/13/2017 2:00:00 PM	144000.000	12.816	17.687
29.211	6703.008	7791.361	4.352
5298.126	149.187	1.002	14.799
1/13/2017 2:05:00 PM	144300.000	12.816	17.687
29.211	6702.188	7790.363	4.351
5297.447	149.205	1.002	14.802
1/13/2017 2:10:00 PM	144600.000	12.809	17.687
29.197	6700.024	7787.848	4.350
5295.737	149.253	1.002	14.804
1/13/2017 2:15:00 PM	144900.000	12.807	17.687
29.191	6697.875	7785.366	4.348
5294.049	149.301	1.002	14.807
1/13/2017 2:20:00 PM	145200.000	12.808	17.687
29.193	6694.253	7781.033	4.346
5291.103	149.382	1.002	14.807
1/13/2017 2:25:00 PM	145500.000	12.813	17.688
29.206	6692.819	7779.351	4.345
5289.959	149.414	1.002	14.807
1/13/2017 2:30:00 PM	145800.000	12.808	17.688
29.194	6689.589	7775.598	4.342
5287.406	149.486	1.002	14.807
1/13/2017 2:35:00 PM	146100.000	12.807	17.687
29.192	6687.952	7773.709	4.341
5286.123	149.523	1.002	14.807
1/13/2017 2:40:00 PM	146400.000	12.814	17.687
29.207	6685.506	7770.897	4.339
5284.210	149.577	1.002	14.808
1/13/2017 2:45:00 PM	146700.000	12.814	17.687
29.207	6683.838	7769.049	4.338
5282.953	149.615	1.002	14.808
1/13/2017 2:50:00 PM	147000.000	12.810	17.687
29.197	6682.618	7767.616	4.338
5281.979	149.642	1.002	14.808

1/13/2017 2:55:00 PM	147300.000	12.809	17.687
29.196	6680.399	7765.052	4.336
5280.236	149.692	1.002	14.808
1/13/2017 3:00:00 PM	147600.000	12.814	17.686
29.207	6680.549	7765.284	4.336
5280.393	149.688	1.002	14.808
1/13/2017 3:05:00 PM	147900.000	12.813	17.687
29.205	6677.646	7761.819	4.334
5278.038	149.753	1.002	14.809
1/13/2017 3:10:00 PM	148200.000	12.813	17.687
29.204	6676.940	7760.986	4.334
5277.471	149.769	1.002	14.809
1/13/2017 3:15:00 PM	148500.000	12.813	17.687
29.204	6673.210	7756.725	4.331
5274.573	149.853	1.002	14.809
1/13/2017 3:20:00 PM	148800.000	12.814	17.687
29.208	6670.721	7753.771	4.329
5272.565	149.909	1.002	14.807
1/13/2017 3:25:00 PM	149100.000	12.814	17.687
29.208	6669.657	7752.550	4.329
5271.735	149.933	1.002	14.806
1/13/2017 3:30:00 PM	149400.000	12.815	17.687
29.210	6667.385	7749.893	4.327
5269.928	149.984	1.002	14.805
1/13/2017 3:35:00 PM	149700.000	12.808	17.687
29.194	6665.465	7747.693	4.326
5268.432	150.027	1.002	14.808
1/13/2017 3:40:00 PM	150000.000	12.810	17.687
29.197	6663.602	7745.496	4.324
5266.938	150.069	1.002	14.810
1/13/2017 3:45:00 PM	150300.000	12.799	17.687
29.172	6661.042	7742.506	4.323
5264.904	150.127	1.002	14.813
1/13/2017 3:50:00 PM	150600.000	12.808	17.687
29.194	6659.902	7741.211	4.322
5264.024	150.152	1.002	14.810
1/13/2017 3:55:00 PM	150900.000	12.812	17.687
29.204	6658.196	7739.198	4.321
5262.655	150.191	1.002	14.806
1/13/2017 4:00:00 PM	151200.000	12.814	17.687
29.207	6654.364	7734.744	4.318
5259.626	150.277	1.002	14.802
1/13/2017 4:05:00 PM	151500.000	12.813	17.687
29.204	6653.764	7734.077	4.317
5259.172	150.291	1.002	14.801
1/13/2017 4:10:00 PM	151800.000	12.817	17.686
29.215	6650.749	7730.632	4.315
5256.830	150.359	1.002	14.799
1/13/2017 4:15:00 PM	152100.000	12.813	17.687
29.204	6650.042	7729.779	4.315
5256.250	150.375	1.002	14.797
1/13/2017 4:20:00 PM	152400.000	12.809	17.687
29.196	6647.053	7726.246	4.313
5253.848	150.443	1.002	14.800

1/13/2017 4:25:00 PM	152700.000	12.806	17.687
29.190	6647.386	7726.573	4.313
5254.070	150.435	1.002	14.802
1/13/2017 4:30:00 PM	153000.000	12.803	17.687
29.183	6643.710	7722.390	4.310
5251.226	150.518	1.002	14.804
1/13/2017 4:35:00 PM	153300.000	12.809	17.686
29.196	6641.980	7720.439	4.309
5249.899	150.558	1.002	14.803
1/13/2017 4:40:00 PM	153600.000	12.806	17.687
29.188	6638.832	7716.749	4.307
5247.389	150.629	1.002	14.802
1/13/2017 4:45:00 PM	153900.000	12.809	17.687
29.196	6639.125	7717.090	4.307
5247.622	150.622	1.002	14.801
1/13/2017 4:50:00 PM	154200.000	12.811	17.687
29.201	6636.292	7713.738	4.305
5245.343	150.687	1.002	14.802
1/13/2017 4:55:00 PM	154500.000	12.809	17.687
29.196	6635.557	7712.914	4.305
5244.781	150.703	1.002	14.802
1/13/2017 5:00:00 PM	154800.000	12.809	17.687
29.196	6632.535	7709.385	4.303
5242.382	150.772	1.002	14.803
1/13/2017 5:05:00 PM	155100.000	12.807	17.687
29.191	6631.692	7708.362	4.302
5241.687	150.791	1.002	14.800
1/13/2017 5:10:00 PM	155400.000	12.812	17.687
29.203	6628.993	7705.283	4.300
5239.593	150.852	1.002	14.797
1/13/2017 5:15:00 PM	155700.000	12.817	17.687
29.214	6628.467	7704.656	4.300
5239.167	150.864	1.002	14.795
1/13/2017 5:20:00 PM	156000.000	12.815	17.687
29.210	6626.004	7701.854	4.298
5237.261	150.921	1.002	14.797
1/13/2017 5:25:00 PM	156300.000	12.814	17.687
29.208	6625.733	7701.479	4.298
5237.006	150.927	1.002	14.799
1/13/2017 5:30:00 PM	156600.000	12.811	17.687
29.201	6623.741	7699.121	4.297
5235.402	150.972	1.002	14.801
1/13/2017 5:35:00 PM	156900.000	12.807	17.687
29.192	6622.521	7697.761	4.296
5234.478	151.000	1.002	14.804
1/13/2017 5:40:00 PM	157200.000	12.807	17.687
29.192	6620.837	7695.788	4.295
5233.136	151.038	1.002	14.806
1/13/2017 5:45:00 PM	157500.000	12.805	17.687
29.186	6618.871	7693.518	4.293
5231.593	151.083	1.002	14.809
1/13/2017 5:50:00 PM	157800.000	12.800	17.687
29.176	6619.417	7694.153	4.294
5232.024	151.071	1.002	14.808

1/13/2017 5:55:00 PM	158100.000	12.802	17.687
29.180	6616.480	7690.710	4.292
5229.683	151.138	1.002	14.807
1/13/2017 6:00:00 PM	158400.000	12.803	17.687
29.181	6615.848	7690.033	4.291
5229.222	151.152	1.002	14.807
1/13/2017 6:05:00 PM	158700.000	12.808	17.687
29.193	6615.473	7689.597	4.291
5228.927	151.161	1.002	14.807
1/13/2017 6:10:00 PM	159000.000	12.807	17.687
29.190	6614.588	7688.569	4.290
5228.227	151.181	1.002	14.807
1/13/2017 6:15:00 PM	159300.000	12.804	17.687
29.185	6613.279	7687.047	4.289
5227.192	151.211	1.002	14.808
1/13/2017 6:20:00 PM	159600.000	12.802	17.687
29.180	6612.282	7685.801	4.289
5226.345	151.234	1.002	14.805
1/13/2017 6:25:00 PM	159900.000	12.807	17.687
29.190	6609.925	7683.149	4.287
5224.542	151.288	1.002	14.803
1/13/2017 6:30:00 PM	160200.000	12.809	17.687
29.195	6609.700	7682.903	4.287
5224.375	151.293	1.002	14.801
1/13/2017 6:35:00 PM	160500.000	12.804	17.687
29.183	6609.456	7682.619	4.287
5224.181	151.298	1.002	14.800
1/13/2017 6:40:00 PM	160800.000	12.811	17.687
29.200	6607.232	7679.974	4.285
5222.382	151.349	1.002	14.800
1/13/2017 6:45:00 PM	161100.000	12.812	17.687
29.203	6607.957	7680.832	4.286
5222.966	151.333	1.002	14.799
1/13/2017 6:50:00 PM	161400.000	12.809	17.687
29.195	6606.261	7678.831	4.284
5221.605	151.372	1.002	14.803
1/13/2017 6:55:00 PM	161700.000	12.801	17.686
29.177	6604.214	7676.542	4.283
5220.048	151.418	1.002	14.808
1/13/2017 7:00:00 PM	162000.000	12.804	17.687
29.183	6602.888	7674.910	4.282
5218.939	151.449	1.002	14.812
1/13/2017 7:05:00 PM	162300.000	12.804	17.687
29.184	6602.572	7674.558	4.282
5218.699	151.456	1.002	14.812
1/13/2017 7:10:00 PM	162600.000	12.805	17.687
29.186	6601.882	7673.681	4.281
5218.104	151.472	1.002	14.811
1/13/2017 7:15:00 PM	162900.000	12.804	17.687
29.184	6600.323	7671.959	4.280
5216.932	151.508	1.002	14.811
1/13/2017 7:20:00 PM	163200.000	12.805	17.687
29.187	6599.863	7671.453	4.280
5216.588	151.518	1.002	14.809

1/13/2017 7:25:00 PM	163500.000	12.804	17.687
29.184	6598.627	7670.017	4.279
5215.611	151.547	1.002	14.808
1/13/2017 7:30:00 PM	163800.000	12.804	17.687
29.184	6597.892	7669.162	4.279
5215.031	151.564	1.002	14.806
1/13/2017 7:35:00 PM	164100.000	12.807	17.687
29.192	6596.673	7667.745	4.278
5214.066	151.592	1.002	14.808
1/13/2017 7:40:00 PM	164400.000	12.801	17.687
29.176	6596.949	7668.007	4.278
5214.245	151.585	1.002	14.809
1/13/2017 7:45:00 PM	164700.000	12.799	17.686
29.174	6594.917	7665.793	4.277
5212.739	151.632	1.002	14.811
1/13/2017 7:50:00 PM	165000.000	12.801	17.687
29.178	6594.199	7664.824	4.276
5212.081	151.648	1.002	14.813
1/13/2017 7:55:00 PM	165300.000	12.802	17.687
29.180	6592.633	7663.005	4.275
5210.844	151.684	1.002	14.815
1/13/2017 8:00:00 PM	165600.000	12.796	17.686
29.167	6592.655	7663.105	4.275
5210.912	151.684	1.002	14.817
1/13/2017 8:05:00 PM	165900.000	12.804	17.687
29.184	6592.134	7662.469	4.275
5210.479	151.696	1.002	14.815
1/13/2017 8:10:00 PM	166200.000	12.802	17.686
29.179	6591.417	7661.667	4.274
5209.933	151.712	1.002	14.813
1/13/2017 8:15:00 PM	166500.000	12.809	17.686
29.195	6590.147	7660.203	4.273
5208.938	151.742	1.002	14.810
1/13/2017 8:20:00 PM	166800.000	12.810	17.687
29.198	6588.055	7657.669	4.272
5207.215	151.790	1.002	14.813
1/13/2017 8:25:00 PM	167100.000	12.804	17.686
29.183	6587.195	7656.759	4.271
5206.596	151.810	1.002	14.816
1/13/2017 8:30:00 PM	167400.000	12.801	17.687
29.177	6587.280	7656.827	4.271
5206.643	151.808	1.002	14.819
1/13/2017 8:35:00 PM	167700.000	12.800	17.686
29.175	6586.082	7655.478	4.271
5205.725	151.835	1.002	14.821
1/13/2017 8:40:00 PM	168000.000	12.806	17.686
29.188	6585.988	7655.431	4.270
5205.693	151.837	1.002	14.822
1/13/2017 8:45:00 PM	168300.000	12.804	17.687
29.185	6584.839	7653.989	4.270
5204.713	151.864	1.002	14.824
1/13/2017 8:50:00 PM	168600.000	12.799	17.687
29.173	6584.659	7653.752	4.269
5204.552	151.868	1.002	14.826

1/13/2017 8:55:00 PM	168900.000	12.800	17.687
29.174	6582.578	7651.333	4.268
5202.907	151.916	1.002	14.828
1/13/2017 9:00:00 PM	169200.000	12.797	17.687
29.167	6584.203	7653.250	4.269
5204.210	151.879	1.002	14.830
1/13/2017 9:05:00 PM	169500.000	12.795	17.687
29.164	6581.178	7649.705	4.267
5201.799	151.948	1.002	14.831
1/13/2017 9:10:00 PM	169800.000	12.801	17.687
29.177	6580.231	7648.559	4.266
5201.020	151.970	1.002	14.832
1/13/2017 9:15:00 PM	170100.000	12.799	17.687
29.172	6579.513	7647.740	4.266
5200.464	151.987	1.002	14.833
1/13/2017 9:20:00 PM	170400.000	12.797	17.686
29.167	6580.987	7649.617	4.267
5201.739	151.953	1.002	14.832
1/13/2017 9:25:00 PM	170700.000	12.800	17.687
29.175	6582.498	7651.224	4.268
5202.833	151.918	1.002	14.831
1/13/2017 9:30:00 PM	171000.000	12.806	17.687
29.189	6585.065	7654.239	4.270
5204.883	151.859	1.002	14.830
1/13/2017 9:35:00 PM	171300.000	12.803	17.687
29.181	6588.436	7658.125	4.272
5207.526	151.781	1.002	14.831
1/13/2017 9:40:00 PM	171600.000	12.798	17.687
29.171	6596.698	7667.774	4.278
5214.086	151.591	1.002	14.833
1/13/2017 9:45:00 PM	171900.000	12.803	17.687
29.183	6605.480	7677.938	4.284
5220.998	151.389	1.002	14.834
1/13/2017 9:50:00 PM	172200.000	12.802	17.687
29.181	6616.317	7690.594	4.291
5229.604	151.141	1.002	14.835
1/13/2017 9:55:00 PM	172500.000	12.804	17.686
29.184	6625.006	7700.739	4.298
5236.502	150.943	1.002	14.835
1/13/2017 10:00:00 PM	172800.000	12.797	17.687
29.168	6633.147	7710.157	4.303
5242.907	150.758	1.002	14.836
1/13/2017 10:05:00 PM	173100.000	12.803	17.686
29.182	6641.492	7719.885	4.309
5249.522	150.569	1.002	14.835
1/13/2017 10:10:00 PM	173400.000	12.801	17.686
29.177	6648.233	7727.767	4.314
5254.881	150.416	1.002	14.833
1/13/2017 10:15:00 PM	173700.000	12.804	17.686
29.183	6654.634	7735.178	4.318
5259.921	150.271	1.002	14.831
1/13/2017 10:20:00 PM	174000.000	12.802	17.686
29.179	6660.724	7742.227	4.322
5264.715	150.134	1.002	14.833

1/13/2017 10:25:00 PM	174300.000	12.807	17.686
29.190	6667.291	7749.860	4.327
5269.905	149.986	1.002	14.834
1/13/2017 10:30:00 PM	174600.000	12.802	17.686
29.180	6674.707	7758.584	4.332
5275.837	149.819	1.002	14.836
1/13/2017 10:35:00 PM	174900.000	12.805	17.686
29.187	6679.337	7763.892	4.335
5279.447	149.715	1.002	14.836
1/13/2017 10:40:00 PM	175200.000	12.808	17.686
29.192	6685.333	7770.832	4.339
5284.166	149.581	1.002	14.835
1/13/2017 10:45:00 PM	175500.000	12.803	17.687
29.183	6691.900	7778.329	4.344
5289.264	149.434	1.002	14.835
1/13/2017 10:50:00 PM	175800.000	12.809	17.686
29.195	6696.631	7784.007	4.347
5293.125	149.329	1.002	14.834
1/13/2017 10:55:00 PM	176100.000	12.806	17.687
29.188	6700.690	7788.667	4.350
5296.294	149.238	1.002	14.833
1/13/2017 11:00:00 PM	176400.000	12.813	17.686
29.205	6706.423	7795.359	4.354
5300.845	149.111	1.002	14.832
1/13/2017 11:05:00 PM	176700.000	12.810	17.686
29.198	6711.577	7801.349	4.358
5304.918	148.996	1.002	14.832
1/13/2017 11:10:00 PM	177000.000	12.812	17.687
29.203	6716.779	7807.353	4.361
5309.000	148.881	1.002	14.833
1/13/2017 11:15:00 PM	177300.000	12.805	17.686
29.186	6719.786	7810.878	4.363
5311.397	148.814	1.002	14.833
1/13/2017 11:20:00 PM	177600.000	12.809	17.686
29.195	6725.847	7817.937	4.368
5316.197	148.680	1.002	14.834
1/13/2017 11:25:00 PM	177900.000	12.803	17.687
29.181	6732.101	7825.177	4.372
5321.121	148.542	1.002	14.835
1/13/2017 11:30:00 PM	178200.000	12.807	17.686
29.190	6734.557	7828.182	4.374
5323.165	148.488	1.002	14.836
1/13/2017 11:35:00 PM	178500.000	12.809	17.686
29.197	6738.216	7832.332	4.376
5325.985	148.407	1.002	14.835
1/13/2017 11:40:00 PM	178800.000	12.805	17.686
29.187	6742.235	7837.033	4.379
5329.182	148.319	1.002	14.834
1/13/2017 11:45:00 PM	179100.000	12.807	17.687
29.190	6745.035	7840.120	4.381
5331.282	148.257	1.002	14.833
1/13/2017 11:50:00 PM	179400.000	12.812	17.687
29.202	6749.732	7845.610	4.384
5335.015	148.154	1.002	14.831

1/13/2017 11:55:00 PM	179700.000	12.814	17.686
29.206	6752.919	7849.452	4.386
5337.627	148.084	1.002	14.829
1/14/2017 12:00:00 AM	180000.000	12.810	17.686
29.198	6756.035	7853.089	4.389
5340.101	148.016	1.002	14.828
1/14/2017 12:05:00 AM	180300.000	12.809	17.686
29.196	6757.608	7854.918	4.390
5341.344	147.981	1.002	14.829
1/14/2017 12:10:00 AM	180600.000	12.808	17.686
29.194	6761.241	7859.064	4.392
5344.165	147.902	1.002	14.830
1/14/2017 12:15:00 AM	180900.000	12.806	17.687
29.189	6763.330	7861.461	4.394
5345.794	147.856	1.002	14.831
1/14/2017 12:20:00 AM	181200.000	12.811	17.686
29.201	6766.478	7865.165	4.396
5348.313	147.787	1.002	14.832
1/14/2017 12:25:00 AM	181500.000	12.812	17.686
29.202	6767.317	7866.233	4.396
5349.039	147.769	1.002	14.833
1/14/2017 12:30:00 AM	181800.000	12.803	17.686
29.183	6768.425	7867.415	4.397
5349.843	147.745	1.002	14.834
1/14/2017 12:35:00 AM	182100.000	12.808	17.686
29.194	6771.748	7871.277	4.400
5352.469	147.672	1.002	14.832
1/14/2017 12:40:00 AM	182400.000	12.814	17.687
29.206	6772.506	7872.113	4.400
5353.038	147.656	1.002	14.830
1/14/2017 12:45:00 AM	182700.000	12.818	17.686
29.215	6774.805	7874.844	4.402
5354.894	147.606	1.002	14.829
1/14/2017 12:50:00 AM	183000.000	12.814	17.687
29.208	6777.042	7877.415	4.403
5356.642	147.557	1.002	14.830
1/14/2017 12:55:00 AM	183300.000	12.810	17.686
29.197	6778.244	7878.842	4.404
5357.613	147.531	1.002	14.832
1/14/2017 1:00:00 AM	183600.000	12.807	17.686
29.192	6779.644	7880.455	4.405
5358.710	147.500	1.002	14.834
1/14/2017 1:05:00 AM	183900.000	12.809	17.686
29.196	6779.950	7880.825	4.405
5358.961	147.494	1.002	14.833
1/14/2017 1:10:00 AM	184200.000	12.808	17.686
29.194	6781.560	7882.713	4.406
5360.245	147.459	1.002	14.832
1/14/2017 1:15:00 AM	184500.000	12.813	17.686
29.204	6782.515	7883.806	4.407
5360.988	147.438	1.002	14.830
1/14/2017 1:20:00 AM	184800.000	12.810	17.687
29.198	6783.631	7885.058	4.408
5361.840	147.414	1.002	14.828

1/14/2017 1:25:00 AM	185100.000	12.816	17.686
29.211	6784.962	7886.650	4.409
5362.923	147.385	1.002	14.826
1/14/2017 1:30:00 AM	185400.000	12.812	17.686
29.203	6785.274	7887.000	4.409
5363.161	147.378	1.002	14.824
1/14/2017 1:35:00 AM	185700.000	12.810	17.687
29.198	6785.173	7886.774	4.409
5363.007	147.380	1.002	14.827
1/14/2017 1:40:00 AM	186000.000	12.810	17.686
29.198	6786.602	7888.604	4.410
5364.250	147.349	1.002	14.829
1/14/2017 1:45:00 AM	186300.000	12.814	17.687
29.207	6787.664	7889.762	4.411
5365.039	147.326	1.002	14.831
1/14/2017 1:50:00 AM	186600.000	12.812	17.687
29.202	6789.321	7891.688	4.412
5366.348	147.290	1.002	14.831
1/14/2017 1:55:00 AM	186900.000	12.813	17.686
29.205	6789.317	7891.700	4.412
5366.356	147.290	1.002	14.830
1/14/2017 2:00:00 AM	187200.000	12.815	17.687
29.210	6790.169	7892.659	4.412
5367.008	147.272	1.002	14.830
1/14/2017 2:05:00 AM	187500.000	12.816	17.687
29.211	6791.386	7894.072	4.413
5367.970	147.245	1.002	14.830
1/14/2017 2:10:00 AM	187800.000	12.817	17.686
29.215	6791.344	7894.056	4.413
5367.958	147.246	1.002	14.829
1/14/2017 2:15:00 AM	188100.000	12.821	17.686
29.223	6792.198	7895.079	4.414
5368.654	147.228	1.002	14.828
1/14/2017 2:20:00 AM	188400.000	12.815	17.686
29.209	6793.921	7897.051	4.415
5369.995	147.190	1.002	14.828
1/14/2017 2:25:00 AM	188700.000	12.813	17.686
29.204	6794.271	7897.470	4.415
5370.280	147.183	1.002	14.828
1/14/2017 2:30:00 AM	189000.000	12.820	17.686
29.221	6796.212	7899.759	4.417
5371.836	147.141	1.002	14.828
1/14/2017 2:35:00 AM	189300.000	12.820	17.687
29.220	6797.170	7900.796	4.417
5372.542	147.120	1.002	14.829
1/14/2017 2:40:00 AM	189600.000	12.814	17.686
29.207	6798.666	7902.597	4.418
5373.767	147.088	1.002	14.831
1/14/2017 2:45:00 AM	189900.000	12.818	17.686
29.215	6799.082	7903.094	4.419
5374.104	147.079	1.002	14.832
1/14/2017 2:50:00 AM	190200.000	12.818	17.687
29.215	6800.862	7905.087	4.420
5375.459	147.040	1.002	14.831

1/14/2017 2:55:00 AM	190500.000	12.814	17.687
29.206	6802.167	7906.604	4.421
5376.491	147.012	1.002	14.831
1/14/2017 3:00:00 AM	190800.000	12.815	17.686
29.209	6803.639	7908.392	4.422
5377.707	146.980	1.002	14.830
1/14/2017 3:05:00 AM	191100.000	12.817	17.687
29.213	6808.053	7913.416	4.425
5381.123	146.885	1.002	14.833
1/14/2017 3:10:00 AM	191400.000	12.810	17.686
29.198	6808.155	7913.609	4.425
5381.254	146.883	1.002	14.836
1/14/2017 3:15:00 AM	191700.000	12.805	17.686
29.187	6810.454	7916.313	4.426
5383.093	146.833	1.002	14.839
1/14/2017 3:20:00 AM	192000.000	12.810	17.687
29.199	6813.261	7919.516	4.428
5385.271	146.773	1.002	14.834
1/14/2017 3:25:00 AM	192300.000	12.819	17.687
29.218	6815.234	7921.764	4.430
5386.799	146.730	1.002	14.829
1/14/2017 3:30:00 AM	192600.000	12.824	17.686
29.230	6816.784	7923.626	4.431
5388.066	146.697	1.002	14.825
1/14/2017 3:35:00 AM	192900.000	12.819	17.687
29.218	6818.149	7925.197	4.432
5389.134	146.667	1.002	14.826
1/14/2017 3:40:00 AM	193200.000	12.821	17.686
29.222	6821.029	7928.574	4.434
5391.431	146.605	1.002	14.828
1/14/2017 3:45:00 AM	193500.000	12.821	17.686
29.222	6821.593	7929.247	4.434
5391.889	146.593	1.002	14.829
1/14/2017 3:50:00 AM	193800.000	12.813	17.686
29.205	6824.522	7932.665	4.436
5394.213	146.530	1.002	14.829
1/14/2017 3:55:00 AM	194100.000	12.813	17.686
29.206	6827.063	7935.680	4.438
5396.263	146.476	1.002	14.829
1/14/2017 4:00:00 AM	194400.000	12.819	17.686
29.219	6828.383	7937.108	4.439
5397.234	146.448	1.002	14.828
1/14/2017 4:05:00 AM	194700.000	12.820	17.686
29.220	6830.479	7939.652	4.440
5398.963	146.403	1.002	14.830
1/14/2017 4:10:00 AM	195000.000	12.814	17.687
29.206	6832.602	7941.996	4.442
5400.558	146.357	1.002	14.831
1/14/2017 4:15:00 AM	195300.000	12.814	17.686
29.207	6834.942	7944.793	4.444
5402.459	146.307	1.002	14.832
1/14/2017 4:20:00 AM	195600.000	12.818	17.687
29.216	6837.288	7947.443	4.445
5404.262	146.257	1.002	14.835

1/14/2017 4:25:00 AM	195900.000	12.817	17.686
29.215	6837.990	7948.336	4.446
5404.869	146.242	1.002	14.837
1/14/2017 4:30:00 AM	196200.000	12.810	17.686
29.197	6839.915	7950.635	4.447
5406.432	146.201	1.002	14.840
1/14/2017 4:35:00 AM	196500.000	12.817	17.686
29.213	6841.750	7952.677	4.448
5407.821	146.161	1.002	14.836
1/14/2017 4:40:00 AM	196800.000	12.813	17.687
29.206	6843.107	7954.207	4.449
5408.861	146.132	1.002	14.833
1/14/2017 4:45:00 AM	197100.000	12.819	17.687
29.218	6846.206	7957.793	4.451
5411.300	146.066	1.002	14.829
1/14/2017 4:50:00 AM	197400.000	12.823	17.687
29.229	6846.115	7957.688	4.451
5411.228	146.068	1.002	14.832
1/14/2017 4:55:00 AM	197700.000	12.822	17.687
29.225	6847.914	7959.794	4.453
5412.661	146.030	1.002	14.834
1/14/2017 5:00:00 AM	198000.000	12.814	17.686
29.207	6849.088	7961.188	4.453
5413.608	146.005	1.002	14.837
1/14/2017 5:05:00 AM	198300.000	12.821	17.686
29.223	6851.280	7963.784	4.455
5415.374	145.958	1.002	14.833
1/14/2017 5:10:00 AM	198600.000	12.819	17.686
29.219	6851.535	7964.050	4.455
5415.555	145.953	1.002	14.828
1/14/2017 5:15:00 AM	198900.000	12.827	17.687
29.237	6853.604	7966.408	4.456
5417.158	145.909	1.002	14.824
1/14/2017 5:20:00 AM	199200.000	12.821	17.686
29.224	6854.422	7967.389	4.457
5417.825	145.891	1.002	14.829
1/14/2017 5:25:00 AM	199500.000	12.818	17.686
29.217	6855.326	7968.503	4.458
5418.583	145.872	1.002	14.834
1/14/2017 5:30:00 AM	199800.000	12.809	17.686
29.195	6856.164	7969.445	4.458
5419.223	145.854	1.002	14.838
1/14/2017 5:35:00 AM	200100.000	12.812	17.686
29.203	6857.083	7970.513	4.459
5419.950	145.835	1.002	14.834
1/14/2017 5:40:00 AM	200400.000	12.820	17.687
29.221	6858.072	7971.586	4.460
5420.679	145.814	1.002	14.829
1/14/2017 5:45:00 AM	200700.000	12.826	17.686
29.234	6859.615	7973.425	4.461
5421.929	145.781	1.002	14.825
1/14/2017 5:50:00 AM	201000.000	12.820	17.686
29.221	6858.182	7971.746	4.460
5420.787	145.811	1.002	14.826

1/14/2017 5:55:00 AM	201300.000	12.826	17.686
29.234	6860.687	7974.689	4.461
5422.789	145.758	1.002	14.826
1/14/2017 6:00:00 AM	201600.000	12.819	17.687
29.218	6860.986	7974.960	4.462
5422.973	145.752	1.002	14.827
1/14/2017 6:05:00 AM	201900.000	12.825	17.686
29.232	6860.948	7975.006	4.462
5423.004	145.752	1.002	14.826
1/14/2017 6:10:00 AM	202200.000	12.821	17.686
29.223	6860.946	7974.990	4.462
5422.994	145.753	1.002	14.826
1/14/2017 6:15:00 AM	202500.000	12.825	17.687
29.232	6857.618	7971.045	4.459
5420.311	145.823	1.002	14.826
1/14/2017 6:20:00 AM	202800.000	12.826	17.686
29.234	6849.996	7962.261	4.454
5414.338	145.985	1.002	14.826
1/14/2017 6:25:00 AM	203100.000	12.820	17.687
29.222	6837.065	7947.154	4.445
5404.065	146.262	1.002	14.827
1/14/2017 6:30:00 AM	203400.000	12.818	17.686
29.217	6823.407	7931.338	4.435
5393.311	146.554	1.002	14.827
1/14/2017 6:35:00 AM	203700.000	12.823	17.687
29.228	6813.348	7919.617	4.428
5385.340	146.771	1.002	14.825
1/14/2017 6:40:00 AM	204000.000	12.830	17.687
29.243	6801.474	7905.814	4.420
5375.954	147.027	1.002	14.823
1/14/2017 6:45:00 AM	204300.000	12.828	17.686
29.240	6794.313	7897.538	4.415
5370.326	147.182	1.002	14.822
1/14/2017 6:50:00 AM	204600.000	12.831	17.687
29.245	6785.254	7886.932	4.409
5363.114	147.378	1.002	14.825
1/14/2017 6:55:00 AM	204900.000	12.822	17.686
29.225	6777.203	7877.679	4.403
5356.822	147.553	1.002	14.828
1/14/2017 7:00:00 AM	205200.000	12.822	17.686
29.225	6769.103	7868.233	4.398
5350.399	147.730	1.002	14.832
1/14/2017 7:05:00 AM	205500.000	12.817	17.687
29.213	6760.847	7858.486	4.392
5343.771	147.910	1.002	14.831
1/14/2017 7:10:00 AM	205800.000	12.822	17.687
29.226	6753.789	7850.341	4.387
5338.232	148.065	1.002	14.831
1/14/2017 7:15:00 AM	206100.000	12.823	17.686
29.227	6747.007	7842.550	4.382
5332.935	148.214	1.002	14.830
1/14/2017 7:20:00 AM	206400.000	12.824	17.687
29.230	6741.267	7835.802	4.378
5328.346	148.340	1.002	14.830

1/14/2017 7:25:00 AM	206700.000	12.820	17.687
29.221	6735.864	7829.536	4.375
5324.085	148.459	1.002	14.829
1/14/2017 7:30:00 AM	207000.000	12.826	17.687
29.235	6730.321	7823.080	4.371
5319.694	148.581	1.002	14.829
1/14/2017 7:35:00 AM	207300.000	12.821	17.687
29.223	6724.493	7816.290	4.367
5315.077	148.710	1.002	14.828
1/14/2017 7:40:00 AM	207600.000	12.823	17.687
29.227	6720.448	7811.632	4.364
5311.911	148.800	1.002	14.828
1/14/2017 7:45:00 AM	207900.000	12.821	17.687
29.223	6714.743	7805.001	4.360
5307.401	148.926	1.002	14.827
1/14/2017 7:50:00 AM	208200.000	12.826	17.687
29.234	6709.318	7798.666	4.356
5303.093	149.046	1.002	14.827
1/14/2017 7:55:00 AM	208500.000	12.827	17.687
29.236	6704.899	7793.543	4.353
5299.610	149.145	1.002	14.828
1/14/2017 8:00:00 AM	208800.000	12.820	17.687
29.220	6699.535	7787.294	4.349
5295.360	149.264	1.002	14.829
1/14/2017 8:05:00 AM	209100.000	12.822	17.687
29.226	6695.290	7782.360	4.346
5292.005	149.359	1.002	14.828
1/14/2017 8:10:00 AM	209400.000	12.822	17.687
29.225	6690.550	7776.864	4.343
5288.268	149.465	1.002	14.827
1/14/2017 8:15:00 AM	209700.000	12.830	17.687
29.242	6685.973	7771.560	4.340
5284.661	149.567	1.002	14.826
1/14/2017 8:20:00 AM	210000.000	12.828	17.687
29.238	6681.448	7766.300	4.337
5281.084	149.668	1.002	14.828
1/14/2017 8:25:00 AM	210300.000	12.826	17.687
29.233	6678.529	7762.878	4.335
5278.758	149.734	1.002	14.830
1/14/2017 8:30:00 AM	210600.000	12.820	17.687
29.222	6674.976	7758.749	4.332
5275.950	149.813	1.002	14.832
1/14/2017 8:35:00 AM	210900.000	12.826	17.687
29.234	6669.540	7752.367	4.328
5271.610	149.935	1.002	14.833
1/14/2017 8:40:00 AM	211200.000	12.825	17.687
29.232	6665.202	7747.400	4.325
5268.233	150.033	1.002	14.834
1/14/2017 8:45:00 AM	211500.000	12.819	17.687
29.219	6660.620	7742.090	4.322
5264.622	150.136	1.002	14.835
1/14/2017 8:50:00 AM	211800.000	12.825	17.686
29.233	6657.282	7738.238	4.320
5262.002	150.211	1.002	14.836

1/14/2017 8:55:00 AM	212100.000	12.822	17.687
29.226	6652.598	7732.750	4.317
5258.271	150.317	1.002	14.837
1/14/2017 9:00:00 AM	212400.000	12.824	17.687
29.229	6648.956	7728.532	4.314
5255.402	150.400	1.002	14.838
1/14/2017 9:05:00 AM	212700.000	12.824	17.687
29.230	6645.873	7724.919	4.312
5252.945	150.469	1.002	14.838
1/14/2017 9:10:00 AM	213000.000	12.821	17.687
29.222	6640.610	7718.757	4.308
5248.755	150.589	1.002	14.838
1/14/2017 9:15:00 AM	213300.000	12.825	17.686
29.233	6637.269	7714.976	4.306
5246.184	150.664	1.002	14.838
1/14/2017 9:20:00 AM	213600.000	12.821	17.686
29.224	6633.586	7710.683	4.303
5243.264	150.748	1.002	14.840
1/14/2017 9:25:00 AM	213900.000	12.819	17.686
29.219	6629.479	7706.012	4.301
5240.088	150.841	1.002	14.841
1/14/2017 9:30:00 AM	214200.000	12.825	17.687
29.231	6624.992	7700.677	4.298
5236.460	150.944	1.002	14.843
1/14/2017 9:35:00 AM	214500.000	12.820	17.686
29.220	6621.529	7696.681	4.295
5233.743	151.023	1.002	14.843
1/14/2017 9:40:00 AM	214800.000	12.822	17.687
29.226	6618.219	7692.776	4.293
5231.088	151.098	1.002	14.843
1/14/2017 9:45:00 AM	215100.000	12.823	17.687
29.227	6613.007	7686.731	4.289
5226.978	151.217	1.002	14.843
1/14/2017 9:50:00 AM	215400.000	12.817	17.687
29.214	6611.071	7684.496	4.288
5225.458	151.261	1.002	14.843
1/14/2017 9:55:00 AM	215700.000	12.822	17.687
29.225	6606.341	7678.969	4.285
5221.699	151.370	1.002	14.843
1/14/2017 10:00:00 AM	216000.000	12.820	17.687
29.221	6603.816	7676.035	4.283
5219.704	151.428	1.002	14.844
1/14/2017 10:05:00 AM	216300.000	12.819	17.686
29.219	6600.879	7672.723	4.281
5217.452	151.495	1.002	14.840
1/14/2017 10:10:00 AM	216600.000	12.826	17.687
29.235	6597.025	7668.096	4.278
5214.305	151.583	1.002	14.837
1/14/2017 10:15:00 AM	216900.000	12.830	17.686
29.243	6593.364	7663.959	4.276
5211.493	151.668	1.002	14.834
1/14/2017 10:20:00 AM	217200.000	12.829	17.687
29.242	6589.427	7659.293	4.273
5208.320	151.758	1.002	14.833

1/14/2017 10:25:00 AM	217500.000	12.828	17.686
29.240	6586.192	7655.593	4.271
5205.803	151.833	1.002	14.833
1/14/2017 10:30:00 AM	217800.000	12.829	17.686
29.241	6583.707	7652.704	4.269
5203.839	151.890	1.002	14.833
1/14/2017 10:35:00 AM	218100.000	12.827	17.687
29.237	6580.647	7649.104	4.267
5201.391	151.961	1.002	14.833
1/14/2017 10:40:00 AM	218400.000	12.828	17.687
29.239	6576.698	7644.542	4.264
5198.289	152.052	1.002	14.832
1/14/2017 10:45:00 AM	218700.000	12.829	17.686
29.241	6574.637	7642.162	4.263
5196.670	152.100	1.002	14.831
1/14/2017 10:50:00 AM	219000.000	12.824	17.687
29.230	6571.583	7638.537	4.260
5194.205	152.170	1.002	14.830
1/14/2017 10:55:00 AM	219300.000	12.828	17.687
29.238	6568.114	7634.475	4.258
5191.443	152.251	1.002	14.829
1/14/2017 11:00:00 AM	219600.000	12.827	17.686
29.236	6565.558	7631.651	4.256
5189.523	152.310	1.002	14.828
1/14/2017 11:05:00 AM	219900.000	12.823	17.686
29.227	6563.776	7629.537	4.255
5188.085	152.351	1.002	14.828
1/14/2017 11:10:00 AM	220200.000	12.826	17.686
29.235	6557.789	7622.591	4.251
5183.362	152.490	1.002	14.828
1/14/2017 11:15:00 AM	220500.000	12.826	17.686
29.234	6556.798	7621.439	4.250
5182.579	152.513	1.002	14.828
1/14/2017 11:20:00 AM	220800.000	12.823	17.686
29.227	6554.549	7618.813	4.249
5180.793	152.566	1.002	14.828
1/14/2017 11:25:00 AM	221100.000	12.822	17.686
29.226	6550.978	7614.704	4.246
5178.000	152.649	1.002	14.827
1/14/2017 11:30:00 AM	221400.000	12.818	17.687
29.216	6548.989	7612.318	4.245
5176.377	152.695	1.002	14.827
1/14/2017 11:35:00 AM	221700.000	12.821	17.687
29.223	6545.403	7608.049	4.242
5173.473	152.779	1.002	14.823
1/14/2017 11:40:00 AM	222000.000	12.825	17.686
29.233	6543.816	7606.336	4.241
5172.309	152.816	1.002	14.819
1/14/2017 11:45:00 AM	222300.000	12.828	17.687
29.239	6541.894	7604.043	4.240
5170.750	152.861	1.002	14.814
1/14/2017 11:50:00 AM	222600.000	12.828	17.687
29.239	6538.873	7600.575	4.238
5168.391	152.932	1.002	14.816

1/14/2017 11:55:00 AM	222900.000	12.820	17.686
29.221	6535.960	7597.279	4.236
5166.149	153.000	1.002	14.817
1/14/2017 12:00:00 PM	223200.000	12.819	17.687
29.219	6533.634	7594.486	4.234
5164.251	153.054	1.002	14.818
1/14/2017 12:05:00 PM	223500.000	12.823	17.687
29.228	6530.791	7591.108	4.232
5161.954	153.121	1.002	14.815
1/14/2017 12:10:00 PM	223800.000	12.822	17.687
29.226	6527.899	7587.760	4.230
5159.678	153.189	1.002	14.813
1/14/2017 12:15:00 PM	224100.000	12.825	17.687
29.232	6526.039	7585.658	4.229
5158.248	153.232	1.002	14.811
1/14/2017 12:20:00 PM	224400.000	12.823	17.686
29.228	6524.012	7583.347	4.227
5156.676	153.280	1.002	14.810
1/14/2017 12:25:00 PM	224700.000	12.823	17.687
29.229	6520.622	7579.346	4.225
5153.956	153.360	1.002	14.810
1/14/2017 12:30:00 PM	225000.000	12.818	17.686
29.215	6519.606	7578.225	4.224
5153.193	153.383	1.002	14.810
1/14/2017 12:35:00 PM	225300.000	12.820	17.686
29.220	6516.581	7574.708	4.222
5150.802	153.455	1.002	14.808
1/14/2017 12:40:00 PM	225600.000	12.827	17.687
29.236	6514.306	7571.976	4.221
5148.943	153.508	1.002	14.806
1/14/2017 12:45:00 PM	225900.000	12.822	17.687
29.225	6510.944	7568.068	4.218
5146.287	153.588	1.002	14.803
1/14/2017 12:50:00 PM	226200.000	12.821	17.686
29.222	6509.175	7566.144	4.217
5144.978	153.629	1.002	14.803
1/14/2017 12:55:00 PM	226500.000	12.824	17.686
29.229	6506.649	7563.147	4.215
5142.940	153.689	1.002	14.802
1/14/2017 1:00:00 PM	226800.000	12.819	17.686
29.218	6505.322	7561.604	4.215
5141.892	153.720	1.002	14.801
1/14/2017 1:05:00 PM	227100.000	12.825	17.687
29.231	6502.519	7558.291	4.213
5139.638	153.787	1.002	14.798
1/14/2017 1:10:00 PM	227400.000	12.826	17.686
29.235	6500.087	7555.507	4.211
5137.746	153.844	1.002	14.796
1/14/2017 1:15:00 PM	227700.000	12.820	17.687
29.222	6498.070	7553.148	4.209
5136.141	153.892	1.002	14.793
1/14/2017 1:20:00 PM	228000.000	12.826	17.686
29.235	6495.811	7550.594	4.208
5134.405	153.945	1.002	14.793

1/14/2017 1:25:00 PM	228300.000	12.821	17.687
29.223	6494.044	7548.439	4.207
5132.939	153.987	1.002	14.794
1/14/2017 1:30:00 PM	228600.000	12.825	17.686
29.232	6491.212	7545.191	4.205
5130.730	154.054	1.002	14.794
1/14/2017 1:35:00 PM	228900.000	12.821	17.687
29.224	6489.170	7542.803	4.203
5129.106	154.103	1.002	14.793
1/14/2017 1:40:00 PM	229200.000	12.826	17.686
29.235	6486.285	7539.506	4.201
5126.864	154.171	1.002	14.793
1/14/2017 1:45:00 PM	229500.000	12.827	17.687
29.237	6484.223	7537.037	4.200
5125.186	154.220	1.002	14.792
1/14/2017 1:50:00 PM	229800.000	12.822	17.687
29.226	6483.684	7536.425	4.199
5124.769	154.233	1.002	14.793
1/14/2017 1:55:00 PM	230100.000	12.825	17.686
29.233	6482.752	7535.357	4.199
5124.043	154.255	1.002	14.794
1/14/2017 2:00:00 PM	230400.000	12.827	17.686
29.236	6479.019	7531.047	4.196
5121.112	154.344	1.002	14.795
1/14/2017 2:05:00 PM	230700.000	12.826	17.686
29.233	6479.052	7531.056	4.196
5121.119	154.344	1.002	14.795
1/14/2017 2:10:00 PM	231000.000	12.822	17.687
29.225	6477.536	7529.279	4.195
5119.910	154.380	1.002	14.795
1/14/2017 2:15:00 PM	231300.000	12.822	17.686
29.225	6475.870	7527.387	4.194
5118.623	154.419	1.002	14.794
1/14/2017 2:20:00 PM	231600.000	12.822	17.686
29.225	6472.836	7523.832	4.192
5116.206	154.492	1.002	14.796
1/14/2017 2:25:00 PM	231900.000	12.820	17.686
29.220	6473.371	7524.496	4.192
5116.657	154.479	1.002	14.797
1/14/2017 2:30:00 PM	232200.000	12.825	17.686
29.232	6471.251	7522.018	4.191
5114.973	154.530	1.002	14.799
1/14/2017 2:35:00 PM	232500.000	12.823	17.686
29.227	6469.518	7520.004	4.190
5113.603	154.571	1.002	14.799
1/14/2017 2:40:00 PM	232800.000	12.817	17.686
29.215	6470.179	7520.800	4.190
5114.145	154.555	1.002	14.800
1/14/2017 2:45:00 PM	233100.000	12.818	17.686
29.216	6472.684	7523.667	4.192
5116.094	154.495	1.002	14.801
1/14/2017 2:50:00 PM	233400.000	12.824	17.686
29.229	6476.129	7527.732	4.194
5118.858	154.413	1.002	14.798

1/14/2017 2:55:00 PM	233700.000	12.826	17.686
29.234	6482.592	7535.229	4.199
5123.956	154.259	1.002	14.796
1/14/2017 3:00:00 PM	234000.000	12.830	17.686
29.243	6491.595	7545.665	4.205
5131.053	154.045	1.002	14.793
1/14/2017 3:05:00 PM	234300.000	12.826	17.686
29.234	6499.271	7554.616	4.210
5137.139	153.863	1.002	14.791
1/14/2017 3:10:00 PM	234600.000	12.832	17.686
29.247	6506.158	7562.606	4.215
5142.572	153.701	1.002	14.788
1/14/2017 3:15:00 PM	234900.000	12.835	17.686
29.255	6511.324	7568.698	4.219
5146.715	153.579	1.002	14.785
1/14/2017 3:20:00 PM	235200.000	12.833	17.686
29.250	6519.368	7577.919	4.224
5152.985	153.389	1.002	14.788
1/14/2017 3:25:00 PM	235500.000	12.826	17.686
29.235	6524.906	7584.398	4.228
5157.392	153.259	1.002	14.791
1/14/2017 3:30:00 PM	235800.000	12.827	17.686
29.238	6530.484	7590.852	4.232
5161.779	153.128	1.002	14.794
1/14/2017 3:35:00 PM	236100.000	12.823	17.686
29.227	6536.222	7597.552	4.236
5166.335	152.994	1.002	14.794
1/14/2017 3:40:00 PM	236400.000	12.824	17.686
29.230	6542.429	7604.737	4.240
5171.221	152.848	1.002	14.794
1/14/2017 3:45:00 PM	236700.000	12.825	17.686
29.233	6549.523	7612.983	4.245
5176.829	152.683	1.002	14.794
1/14/2017 3:50:00 PM	237000.000	12.828	17.686
29.240	6553.276	7617.346	4.248
5179.795	152.595	1.002	14.795
1/14/2017 3:55:00 PM	237300.000	12.821	17.686
29.223	6558.119	7622.962	4.251
5183.615	152.483	1.002	14.796
1/14/2017 4:00:00 PM	237600.000	12.827	17.686
29.236	6562.832	7628.440	4.254
5187.340	152.373	1.002	14.797
1/14/2017 4:05:00 PM	237900.000	12.823	17.686
29.227	6567.432	7633.860	4.258
5191.025	152.267	1.002	14.797
1/14/2017 4:10:00 PM	238200.000	12.823	17.686
29.228	6572.290	7639.551	4.261
5194.896	152.154	1.002	14.797
1/14/2017 4:15:00 PM	238500.000	12.824	17.686
29.231	6574.359	7641.941	4.262
5196.521	152.106	1.002	14.796
1/14/2017 4:20:00 PM	238800.000	12.825	17.686
29.233	6579.371	7647.708	4.266
5200.442	151.990	1.002	14.799

1/14/2017 4:25:00 PM	239100.000	12.822	17.686
29.224	6582.943	7651.903	4.268
5203.295	151.908	1.002	14.802
1/14/2017 4:30:00 PM	239400.000	12.816	17.686
29.212	6586.309	7655.758	4.271
5205.916	151.830	1.002	14.805
1/14/2017 4:35:00 PM	239700.000	12.817	17.686
29.214	6588.686	7658.579	4.272
5207.834	151.775	1.002	14.803
1/14/2017 4:40:00 PM	240000.000	12.825	17.686
29.232	6592.832	7663.442	4.275
5211.142	151.680	1.002	14.802
1/14/2017 4:45:00 PM	240300.000	12.827	17.686
29.237	6597.398	7668.662	4.278
5214.690	151.575	1.002	14.800
1/14/2017 4:50:00 PM	240600.000	12.826	17.687
29.235	6600.289	7671.963	4.280
5216.935	151.509	1.002	14.801
1/14/2017 4:55:00 PM	240900.000	12.820	17.687
29.221	6603.328	7675.480	4.282
5219.327	151.439	1.002	14.803
1/14/2017 5:00:00 PM	241200.000	12.816	17.686
29.212	6607.980	7680.962	4.286
5223.054	151.332	1.002	14.804
1/14/2017 5:05:00 PM	241500.000	12.820	17.686
29.221	6610.970	7684.453	4.288
5225.429	151.264	1.002	14.801
1/14/2017 5:10:00 PM	241800.000	12.824	17.686
29.229	6613.933	7687.838	4.290
5227.730	151.196	1.002	14.798
1/14/2017 5:15:00 PM	242100.000	12.826	17.686
29.235	6618.029	7692.629	4.293
5230.988	151.102	1.002	14.794
1/14/2017 5:20:00 PM	242400.000	12.830	17.686
29.244	6621.729	7696.987	4.295
5233.952	151.018	1.002	14.794
1/14/2017 5:25:00 PM	242700.000	12.829	17.686
29.240	6625.541	7701.360	4.298
5236.926	150.931	1.002	14.795
1/14/2017 5:30:00 PM	243000.000	12.830	17.686
29.244	6627.630	7703.759	4.299
5238.556	150.883	1.002	14.795
1/14/2017 5:35:00 PM	243300.000	12.830	17.686
29.244	6631.953	7708.827	4.302
5242.002	150.785	1.002	14.794
1/14/2017 5:40:00 PM	243600.000	12.828	17.686
29.238	6635.905	7713.453	4.305
5245.148	150.695	1.002	14.792
1/14/2017 5:45:00 PM	243900.000	12.834	17.686
29.252	6637.134	7714.910	4.306
5246.140	150.667	1.002	14.791
1/14/2017 5:50:00 PM	244200.000	12.830	17.686
29.245	6641.843	7720.280	4.309
5249.791	150.561	1.002	14.793

1/14/2017 5:55:00 PM	244500.000	12.825	17.686
29.231	6645.800	7724.998	4.312
5252.999	150.471	1.002	14.795
1/14/2017 6:00:00 PM	244800.000	12.827	17.686
29.238	6649.397	7729.180	4.315
5255.843	150.390	1.002	14.797
1/14/2017 6:05:00 PM	245100.000	12.824	17.687
29.229	6651.612	7731.591	4.316
5257.482	150.339	1.002	14.799
1/14/2017 6:10:00 PM	245400.000	12.827	17.686
29.237	6654.650	7735.254	4.318
5259.974	150.271	1.002	14.800
1/14/2017 6:15:00 PM	245700.000	12.825	17.686
29.232	6656.420	7737.268	4.319
5261.342	150.231	1.002	14.801
1/14/2017 6:20:00 PM	246000.000	12.821	17.686
29.223	6660.072	7741.481	4.322
5264.208	150.149	1.002	14.799
1/14/2017 6:25:00 PM	246300.000	12.824	17.686
29.229	6663.097	7745.061	4.324
5266.641	150.080	1.002	14.797
1/14/2017 6:30:00 PM	246600.000	12.830	17.686
29.244	6666.083	7748.559	4.326
5269.020	150.013	1.002	14.795
1/14/2017 6:35:00 PM	246900.000	12.828	17.686
29.240	6670.369	7753.451	4.329
5272.347	149.917	1.002	14.797
1/14/2017 6:40:00 PM	247200.000	12.825	17.686
29.232	6671.242	7754.466	4.330
5273.037	149.897	1.002	14.798
1/14/2017 6:45:00 PM	247500.000	12.827	17.686
29.236	6674.618	7758.420	4.332
5275.727	149.821	1.002	14.800
1/14/2017 6:50:00 PM	247800.000	12.829	17.686
29.241	6676.789	7760.900	4.333
5277.413	149.773	1.002	14.797
1/14/2017 6:55:00 PM	248100.000	12.834	17.686
29.252	6679.896	7764.599	4.336
5279.928	149.703	1.002	14.794
1/14/2017 7:00:00 PM	248400.000	12.837	17.686
29.259	6682.267	7767.387	4.337
5281.824	149.650	1.002	14.791
1/14/2017 7:05:00 PM	248700.000	12.836	17.687
29.258	6683.990	7769.239	4.338
5283.083	149.611	1.002	14.791
1/14/2017 7:10:00 PM	249000.000	12.835	17.687
29.255	6688.696	7774.709	4.342
5286.802	149.506	1.002	14.792
1/14/2017 7:15:00 PM	249300.000	12.834	17.686
29.253	6690.084	7776.398	4.343
5287.951	149.475	1.002	14.793
1/14/2017 7:20:00 PM	249600.000	12.829	17.686
29.241	6692.479	7779.167	4.344
5289.834	149.421	1.002	14.794

1/14/2017 7:25:00 PM	249900.000	12.830	17.686
29.244	6694.317	7781.379	4.346
5291.338	149.380	1.002	14.795
1/14/2017 7:30:00 PM	250200.000	12.829	17.686
29.242	6695.840	7783.121	4.347
5292.522	149.346	1.002	14.796
1/14/2017 7:35:00 PM	250500.000	12.830	17.686
29.243	6697.913	7785.542	4.348
5294.168	149.300	1.002	14.794
1/14/2017 7:40:00 PM	250800.000	12.827	17.686
29.237	6699.506	7787.336	4.349
5295.389	149.265	1.002	14.793
1/14/2017 7:45:00 PM	251100.000	12.827	17.686
29.238	6701.589	7789.831	4.351
5297.085	149.218	1.002	14.792
1/14/2017 7:50:00 PM	251400.000	12.829	17.686
29.241	6702.911	7791.323	4.352
5298.101	149.189	1.002	14.792
1/14/2017 7:55:00 PM	251700.000	12.829	17.686
29.242	6703.531	7792.014	4.352
5298.570	149.175	1.002	14.792
1/14/2017 8:00:00 PM	252000.000	12.836	17.686
29.257	6706.325	7795.308	4.354
5300.810	149.113	1.002	14.793
1/14/2017 8:05:00 PM	252300.000	12.831	17.686
29.247	6706.682	7795.780	4.354
5301.131	149.105	1.002	14.797
1/14/2017 8:10:00 PM	252600.000	12.823	17.686
29.227	6708.440	7797.691	4.355
5302.430	149.066	1.002	14.801
1/14/2017 8:15:00 PM	252900.000	12.818	17.686
29.215	6710.000	7799.548	4.357
5303.693	149.031	1.002	14.805
1/14/2017 8:20:00 PM	253200.000	12.821	17.687
29.223	6712.001	7801.785	4.358
5305.214	148.987	1.002	14.801
1/14/2017 8:25:00 PM	253500.000	12.831	17.686
29.245	6712.977	7803.008	4.359
5306.045	148.965	1.002	14.797
1/14/2017 8:30:00 PM	253800.000	12.832	17.686
29.248	6713.958	7804.208	4.359
5306.861	148.943	1.002	14.792
1/14/2017 8:35:00 PM	254100.000	12.835	17.686
29.254	6714.097	7804.341	4.359
5306.953	148.940	1.002	14.794
1/14/2017 8:40:00 PM	254400.000	12.833	17.687
29.249	6715.572	7805.949	4.360
5308.046	148.908	1.002	14.796
1/14/2017 8:45:00 PM	254700.000	12.831	17.686
29.246	6716.173	7806.799	4.361
5308.624	148.894	1.002	14.797
1/14/2017 8:50:00 PM	255000.000	12.829	17.686
29.242	6718.309	7809.281	4.362
5310.312	148.847	1.002	14.795

1/14/2017 8:55:00 PM	255300.000	12.836	17.686
29.256	6718.286	7809.224	4.362
5310.272	148.848	1.002	14.793
1/14/2017 9:00:00 PM	255600.000	12.839	17.686
29.264	6720.315	7811.582	4.364
5311.876	148.803	1.002	14.791
1/14/2017 9:05:00 PM	255900.000	12.828	17.686
29.240	6719.376	7810.432	4.363
5311.094	148.823	1.002	14.794
1/14/2017 9:10:00 PM	256200.000	12.832	17.687
29.248	6720.415	7811.549	4.364
5311.854	148.800	1.002	14.797
1/14/2017 9:15:00 PM	256500.000	12.829	17.686
29.240	6722.526	7814.063	4.365
5313.563	148.754	1.002	14.800
1/14/2017 9:20:00 PM	256800.000	12.834	17.686
29.253	6722.748	7814.410	4.365
5313.799	148.749	1.002	14.798
1/14/2017 9:25:00 PM	257100.000	12.828	17.687
29.239	6722.539	7814.034	4.365
5313.543	148.753	1.002	14.796
1/14/2017 9:30:00 PM	257400.000	12.831	17.686
29.246	6721.898	7813.347	4.365
5313.076	148.768	1.002	14.793
1/14/2017 9:35:00 PM	257700.000	12.831	17.686
29.245	6723.460	7815.180	4.366
5314.323	148.733	1.002	14.793
1/14/2017 9:40:00 PM	258000.000	12.833	17.686
29.250	6725.304	7817.336	4.367
5315.789	148.692	1.002	14.794
1/14/2017 9:45:00 PM	258300.000	12.831	17.686
29.245	6724.324	7816.242	4.367
5315.045	148.714	1.002	14.794
1/14/2017 9:50:00 PM	258600.000	12.832	17.686
29.249	6725.619	7817.718	4.367
5316.049	148.685	1.002	14.793
1/14/2017 9:55:00 PM	258900.000	12.832	17.686
29.249	6726.401	7818.581	4.368
5316.636	148.668	1.002	14.792
1/14/2017 10:00:00 PM	259200.000	12.833	17.687
29.250	6727.428	7819.746	4.369
5317.428	148.645	1.002	14.792
1/14/2017 10:05:00 PM	259500.000	12.837	17.686
29.260	6727.387	7819.790	4.369
5317.458	148.646	1.002	14.792
1/14/2017 10:10:00 PM	259800.000	12.834	17.687
29.253	6727.964	7820.354	4.369
5317.841	148.633	1.002	14.792
1/14/2017 10:15:00 PM	260100.000	12.834	17.686
29.252	6728.711	7821.373	4.370
5318.534	148.617	1.002	14.792
1/14/2017 10:20:00 PM	260400.000	12.835	17.686
29.254	6729.528	7822.247	4.370
5319.128	148.599	1.002	14.793

1/14/2017 10:25:00 PM	260700.000	12.839	17.686
29.264	6729.872	7822.662	4.370
5319.410	148.591	1.002	14.793
1/14/2017 10:30:00 PM	261000.000	12.838	17.687
29.261	6729.592	7822.261	4.370
5319.138	148.597	1.002	14.794
1/14/2017 10:35:00 PM	261300.000	12.838	17.686
29.262	6729.715	7822.496	4.370
5319.297	148.595	1.002	14.795
1/14/2017 10:40:00 PM	261600.000	12.837	17.686
29.260	6732.404	7825.635	4.372
5321.432	148.535	1.002	14.796
1/14/2017 10:45:00 PM	261900.000	12.835	17.687
29.254	6730.946	7823.790	4.371
5320.177	148.568	1.002	14.797
1/14/2017 10:50:00 PM	262200.000	12.839	17.686
29.264	6732.707	7825.941	4.372
5321.641	148.529	1.002	14.795
1/14/2017 10:55:00 PM	262500.000	12.838	17.686
29.262	6730.981	7823.922	4.371
5320.267	148.567	1.002	14.793
1/14/2017 11:00:00 PM	262800.000	12.846	17.686
29.279	6732.346	7825.508	4.372
5321.345	148.537	1.002	14.791
1/14/2017 11:05:00 PM	263100.000	12.842	17.686
29.271	6732.265	7825.383	4.372
5321.261	148.538	1.002	14.792
1/14/2017 11:10:00 PM	263400.000	12.837	17.686
29.260	6732.282	7825.463	4.372
5321.315	148.538	1.002	14.793
1/14/2017 11:15:00 PM	263700.000	12.840	17.686
29.266	6732.562	7825.805	4.372
5321.547	148.532	1.002	14.795
1/14/2017 11:20:00 PM	264000.000	12.839	17.686
29.265	6733.495	7826.813	4.373
5322.233	148.511	1.002	14.795
1/14/2017 11:25:00 PM	264300.000	12.839	17.686
29.265	6733.927	7827.346	4.373
5322.596	148.502	1.002	14.796
1/14/2017 11:30:00 PM	264600.000	12.839	17.686
29.264	6733.583	7826.916	4.373
5322.303	148.509	1.002	14.796
1/14/2017 11:35:00 PM	264900.000	12.837	17.686
29.259	6733.781	7827.159	4.373
5322.468	148.505	1.002	14.798
1/14/2017 11:40:00 PM	265200.000	12.834	17.686
29.252	6733.787	7827.196	4.373
5322.494	148.505	1.002	14.800
1/14/2017 11:45:00 PM	265500.000	12.832	17.686
29.248	6734.452	7828.002	4.374
5323.042	148.490	1.002	14.802
1/14/2017 11:50:00 PM	265800.000	12.834	17.687
29.253	6734.966	7828.478	4.374
5323.366	148.479	1.002	14.800

1/14/2017 11:55:00 PM	266100.000	12.835	17.686
29.256	6735.543	7829.208	4.374
5323.862	148.466	1.002	14.799
1/15/2017 12:00:00 AM	266400.000	12.835	17.686
29.256	6735.129	7828.727	4.374
5323.535	148.475	1.002	14.797
1/15/2017 12:05:00 AM	266700.000	12.836	17.686
29.257	6735.625	7829.302	4.374
5323.926	148.464	1.002	14.798
1/15/2017 12:10:00 AM	267000.000	12.830	17.686
29.244	6736.261	7830.105	4.375
5324.472	148.450	1.002	14.799
1/15/2017 12:15:00 AM	267300.000	12.829	17.686
29.242	6735.701	7829.437	4.374
5324.018	148.463	1.002	14.799
1/15/2017 12:20:00 AM	267600.000	12.834	17.686
29.254	6735.946	7829.723	4.375
5324.211	148.457	1.002	14.798
1/15/2017 12:25:00 AM	267900.000	12.830	17.687
29.244	6736.284	7830.024	4.375
5324.417	148.450	1.002	14.797
1/15/2017 12:30:00 AM	268200.000	12.836	17.686
29.257	6735.356	7829.021	4.374
5323.734	148.470	1.002	14.796
1/15/2017 12:35:00 AM	268500.000	12.835	17.686
29.255	6735.117	7828.729	4.374
5323.537	148.476	1.002	14.794
1/15/2017 12:40:00 AM	268800.000	12.835	17.686
29.256	6736.460	7830.305	4.375
5324.608	148.446	1.002	14.792
1/15/2017 12:45:00 AM	269100.000	12.837	17.687
29.259	6736.256	7829.962	4.375
5324.374	148.450	1.002	14.790
1/15/2017 12:50:00 AM	269400.000	12.835	17.686
29.254	6736.466	7830.297	4.375
5324.602	148.446	1.002	14.791
1/15/2017 12:55:00 AM	269700.000	12.832	17.687
29.249	6735.864	7829.522	4.375
5324.075	148.459	1.002	14.792
1/15/2017 1:00:00 AM	270000.000	12.837	17.687
29.259	6736.069	7829.790	4.375
5324.257	148.455	1.002	14.793
1/15/2017 1:05:00 AM	270300.000	12.833	17.687
29.250	6735.724	7829.344	4.374
5323.954	148.462	1.002	14.794
1/15/2017 1:10:00 AM	270600.000	12.837	17.686
29.259	6735.275	7828.926	4.374
5323.670	148.472	1.002	14.794
1/15/2017 1:15:00 AM	270900.000	12.834	17.686
29.252	6736.483	7830.287	4.375
5324.595	148.445	1.002	14.794
1/15/2017 1:20:00 AM	271200.000	12.836	17.686
29.258	6735.375	7829.043	4.374
5323.750	148.470	1.002	14.792

1/15/2017 1:25:00 AM	271500.000	12.843	17.686
29.274	6735.223	7828.911	4.374
5323.659	148.473	1.002	14.789
1/15/2017 1:30:00 AM	271800.000	12.847	17.686
29.281	6735.911	7829.698	4.375
5324.194	148.458	1.002	14.786
1/15/2017 1:35:00 AM	272100.000	12.846	17.686
29.279	6734.061	7827.531	4.373
5322.722	148.499	1.002	14.789
1/15/2017 1:40:00 AM	272400.000	12.842	17.686
29.271	6734.966	7828.612	4.374
5323.457	148.479	1.002	14.791
1/15/2017 1:45:00 AM	272700.000	12.837	17.686
29.260	6735.193	7828.818	4.374
5323.597	148.474	1.002	14.793
1/15/2017 1:50:00 AM	273000.000	12.841	17.686
29.268	6734.026	7827.491	4.373
5322.694	148.500	1.002	14.793
1/15/2017 1:55:00 AM	273300.000	12.836	17.686
29.257	6734.043	7827.495	4.373
5322.697	148.499	1.002	14.794
1/15/2017 2:00:00 AM	273600.000	12.841	17.686
29.268	6736.408	7830.243	4.375
5324.566	148.447	1.002	14.794
1/15/2017 2:05:00 AM	273900.000	12.844	17.686
29.276	6735.936	7829.727	4.375
5324.214	148.457	1.002	14.792
1/15/2017 2:10:00 AM	274200.000	12.848	17.686
29.285	6734.756	7828.339	4.374
5323.271	148.483	1.002	14.789
1/15/2017 2:15:00 AM	274500.000	12.850	17.687
29.288	6734.120	7827.495	4.373
5322.697	148.498	1.002	14.786
1/15/2017 2:20:00 AM	274800.000	12.848	17.686
29.284	6734.324	7827.777	4.373
5322.888	148.493	1.002	14.790
1/15/2017 2:25:00 AM	275100.000	12.844	17.686
29.275	6734.458	7828.038	4.374
5323.066	148.490	1.002	14.793
1/15/2017 2:30:00 AM	275400.000	12.841	17.687
29.268	6734.487	7827.936	4.374
5322.996	148.489	1.002	14.796
1/15/2017 2:35:00 AM	275700.000	12.840	17.686
29.267	6734.879	7828.482	4.374
5323.369	148.481	1.002	14.797
1/15/2017 2:40:00 AM	276000.000	12.839	17.686
29.265	6734.284	7827.761	4.373
5322.878	148.494	1.002	14.798
1/15/2017 2:45:00 AM	276300.000	12.838	17.686
29.263	6732.713	7825.964	4.372
5321.656	148.529	1.002	14.800
1/15/2017 2:50:00 AM	276600.000	12.840	17.687
29.267	6733.045	7826.230	4.373
5321.837	148.521	1.002	14.798

1/15/2017 2:55:00 AM	276900.000	12.842	17.686
29.271	6733.321	7826.655	4.373
5322.126	148.515	1.002	14.796
1/15/2017 3:00:00 AM	277200.000	12.840	17.686
29.265	6731.687	7824.788	4.372
5320.856	148.551	1.002	14.793
1/15/2017 3:05:00 AM	277500.000	12.844	17.686
29.275	6733.017	7826.347	4.373
5321.916	148.522	1.002	14.795
1/15/2017 3:10:00 AM	277800.000	12.839	17.686
29.263	6732.311	7825.481	4.372
5321.327	148.537	1.002	14.796
1/15/2017 3:15:00 AM	278100.000	12.836	17.686
29.256	6732.667	7825.864	4.372
5321.588	148.530	1.002	14.798
1/15/2017 3:20:00 AM	278400.000	12.842	17.686
29.271	6731.307	7824.284	4.371
5320.513	148.560	1.002	14.797
1/15/2017 3:25:00 AM	278700.000	12.839	17.686
29.265	6732.094	7825.198	4.372
5321.135	148.542	1.002	14.795
1/15/2017 3:30:00 AM	279000.000	12.842	17.687
29.272	6731.997	7825.041	4.372
5321.028	148.544	1.002	14.794
1/15/2017 3:35:00 AM	279300.000	12.843	17.687
29.274	6731.010	7823.864	4.371
5320.228	148.566	1.002	14.793
1/15/2017 3:40:00 AM	279600.000	12.847	17.686
29.282	6730.794	7823.718	4.371
5320.128	148.571	1.002	14.793
1/15/2017 3:45:00 AM	279900.000	12.848	17.686
29.285	6731.605	7824.617	4.372
5320.740	148.553	1.002	14.792
1/15/2017 3:50:00 AM	280200.000	12.845	17.686
29.279	6730.986	7823.941	4.371
5320.281	148.567	1.002	14.794
1/15/2017 3:55:00 AM	280500.000	12.840	17.686
29.265	6730.199	7823.058	4.371
5319.680	148.584	1.002	14.796
1/15/2017 4:00:00 AM	280800.000	12.840	17.686
29.266	6729.470	7822.269	4.370
5319.143	148.600	1.002	14.798
1/15/2017 4:05:00 AM	281100.000	12.843	17.687
29.273	6729.592	7822.261	4.370
5319.138	148.597	1.002	14.798
1/15/2017 4:10:00 AM	281400.000	12.843	17.687
29.272	6729.948	7822.675	4.370
5319.420	148.590	1.002	14.798
1/15/2017 4:15:00 AM	281700.000	12.844	17.686
29.275	6727.813	7820.284	4.369
5317.794	148.637	1.002	14.798
1/15/2017 4:20:00 AM	282000.000	12.846	17.686
29.280	6728.273	7820.804	4.369
5318.146	148.627	1.002	14.795

1/15/2017 4:25:00 AM	282300.000	12.850	17.686
29.289	6728.309	7820.799	4.369
5318.144	148.626	1.002	14.791
1/15/2017 4:30:00 AM	282600.000	12.849	17.686
29.287	6728.788	7821.401	4.370
5318.553	148.615	1.002	14.788
1/15/2017 4:35:00 AM	282900.000	12.847	17.686
29.283	6727.755	7820.201	4.369
5317.737	148.638	1.002	14.789
1/15/2017 4:40:00 AM	283200.000	12.846	17.686
29.280	6727.264	7819.647	4.369
5317.360	148.649	1.002	14.790
1/15/2017 4:45:00 AM	283500.000	12.848	17.687
29.285	6727.287	7819.566	4.369
5317.306	148.648	1.002	14.791
1/15/2017 4:50:00 AM	283800.000	12.846	17.686
29.281	6727.329	7819.722	4.369
5317.412	148.647	1.002	14.790
1/15/2017 4:55:00 AM	284100.000	12.852	17.686
29.293	6726.803	7819.079	4.368
5316.974	148.659	1.002	14.788
1/15/2017 5:00:00 AM	284400.000	12.849	17.687
29.286	6727.207	7819.459	4.369
5317.232	148.650	1.002	14.787
1/15/2017 5:05:00 AM	284700.000	12.845	17.686
29.278	6726.454	7818.705	4.368
5316.720	148.667	1.002	14.789
1/15/2017 5:10:00 AM	285000.000	12.846	17.686
29.281	6726.307	7818.458	4.368
5316.552	148.670	1.002	14.790
1/15/2017 5:15:00 AM	285300.000	12.846	17.686
29.279	6726.050	7818.249	4.368
5316.410	148.676	1.002	14.792
1/15/2017 5:20:00 AM	285600.000	12.847	17.686
29.283	6725.304	7817.292	4.367
5315.759	148.692	1.002	14.791
1/15/2017 5:25:00 AM	285900.000	12.847	17.686
29.283	6725.560	7817.634	4.367
5315.991	148.687	1.002	14.790
1/15/2017 5:30:00 AM	286200.000	12.844	17.686
29.275	6724.906	7816.890	4.367
5315.485	148.701	1.002	14.790
1/15/2017 5:35:00 AM	286500.000	12.844	17.686
29.274	6725.444	7817.531	4.367
5315.921	148.689	1.002	14.790
1/15/2017 5:40:00 AM	286800.000	12.842	17.687
29.272	6724.009	7815.771	4.366
5314.725	148.721	1.002	14.791
1/15/2017 5:45:00 AM	287100.000	12.841	17.686
29.269	6724.056	7815.930	4.366
5314.833	148.720	1.002	14.792
1/15/2017 5:50:00 AM	287400.000	12.848	17.686
29.285	6722.953	7814.635	4.366
5313.953	148.744	1.002	14.790

1/15/2017 5:55:00 AM	287700.000	12.846	17.687
29.281	6723.443	7815.084	4.366
5314.258	148.733	1.002	14.788
1/15/2017 6:00:00 AM	288000.000	12.846	17.687
29.280	6724.189	7815.965	4.366
5314.856	148.717	1.002	14.786
1/15/2017 6:05:00 AM	288300.000	12.844	17.686
29.276	6721.418	7812.852	4.365
5312.739	148.778	1.002	14.788
1/15/2017 6:10:00 AM	288600.000	12.849	17.687
29.286	6721.068	7812.324	4.364
5312.381	148.786	1.002	14.791
1/15/2017 6:15:00 AM	288900.000	12.847	17.686
29.282	6722.655	7814.244	4.365
5313.686	148.751	1.002	14.793
1/15/2017 6:20:00 AM	289200.000	12.842	17.686
29.270	6722.352	7813.874	4.365
5313.434	148.757	1.002	14.793
1/15/2017 6:25:00 AM	289500.000	12.842	17.687
29.270	6721.371	7812.676	4.364
5312.620	148.779	1.002	14.792
1/15/2017 6:30:00 AM	289800.000	12.847	17.686
29.283	6720.917	7812.253	4.364
5312.333	148.789	1.002	14.792
1/15/2017 6:35:00 AM	290100.000	12.847	17.686
29.283	6720.355	7811.571	4.364
5311.868	148.802	1.002	14.790
1/15/2017 6:40:00 AM	290400.000	12.849	17.686
29.287	6720.117	7811.263	4.364
5311.659	148.807	1.002	14.788
1/15/2017 6:45:00 AM	290700.000	12.854	17.686
29.297	6719.073	7810.138	4.363
5310.895	148.830	1.002	14.786
1/15/2017 6:50:00 AM	291000.000	12.853	17.686
29.295	6719.371	7810.439	4.363
5311.100	148.823	1.002	14.787
1/15/2017 6:55:00 AM	291300.000	12.847	17.686
29.283	6719.703	7810.842	4.363
5311.373	148.816	1.002	14.788
1/15/2017 7:00:00 AM	291600.000	12.850	17.686
29.288	6717.657	7808.447	4.362
5309.744	148.861	1.002	14.789
1/15/2017 7:05:00 AM	291900.000	12.845	17.686
29.277	6714.206	7804.481	4.360
5307.048	148.938	1.002	14.789
1/15/2017 7:10:00 AM	292200.000	12.848	17.687
29.285	6709.615	7798.996	4.356
5303.317	149.040	1.002	14.789
1/15/2017 7:15:00 AM	292500.000	12.849	17.686
29.286	6698.465	7786.096	4.349
5294.545	149.288	1.002	14.789
1/15/2017 7:20:00 AM	292800.000	12.846	17.687
29.279	6686.996	7772.749	4.341
5285.470	149.544	1.002	14.788

1/15/2017 7:25:00 AM	293100.000	12.851	17.686
29.292	6676.659	7760.779	4.333
5277.331	149.775	1.002	14.788
1/15/2017 7:30:00 AM	293400.000	12.853	17.686
29.296	6666.194	7748.585	4.326
5269.038	150.011	1.002	14.787
1/15/2017 7:35:00 AM	293700.000	12.848	17.687
29.284	6656.913	7737.766	4.320
5261.681	150.220	1.002	14.787
1/15/2017 7:40:00 AM	294000.000	12.849	17.687
29.286	6648.233	7727.692	4.314
5254.831	150.416	1.002	14.787
1/15/2017 7:45:00 AM	294300.000	12.853	17.686
29.295	6639.629	7717.719	4.308
5248.050	150.611	1.002	14.786
1/15/2017 7:50:00 AM	294600.000	12.852	17.686
29.294	6632.932	7709.981	4.303
5242.788	150.763	1.002	14.789
1/15/2017 7:55:00 AM	294900.000	12.847	17.686
29.283	6624.279	7699.894	4.297
5235.929	150.960	1.002	14.791
1/15/2017 8:00:00 AM	295200.000	12.849	17.687
29.287	6617.677	7692.085	4.292
5230.618	151.110	1.002	14.793
1/15/2017 8:05:00 AM	295500.000	12.845	17.686
29.278	6611.019	7684.481	4.288
5225.448	151.263	1.002	14.793
1/15/2017 8:10:00 AM	295800.000	12.851	17.687
29.292	6605.452	7677.950	4.284
5221.006	151.390	1.002	14.792
1/15/2017 8:15:00 AM	296100.000	12.848	17.687
29.286	6598.595	7669.979	4.279
5215.586	151.547	1.002	14.792
1/15/2017 8:20:00 AM	296400.000	12.848	17.686
29.285	6593.999	7664.697	4.276
5211.994	151.653	1.002	14.793
1/15/2017 8:25:00 AM	296700.000	12.849	17.687
29.286	6586.005	7655.345	4.270
5205.635	151.837	1.002	14.793
1/15/2017 8:30:00 AM	297000.000	12.850	17.686
29.289	6581.149	7649.761	4.267
5201.837	151.949	1.002	14.794
1/15/2017 8:35:00 AM	297300.000	12.850	17.686
29.289	6575.751	7643.457	4.263
5197.551	152.074	1.002	14.795
1/15/2017 8:40:00 AM	297600.000	12.853	17.686
29.296	6569.903	7636.688	4.259
5192.948	152.209	1.002	14.797
1/15/2017 8:45:00 AM	297900.000	12.847	17.687
29.283	6564.256	7630.065	4.255
5188.445	152.340	1.002	14.799
1/15/2017 8:50:00 AM	298200.000	12.851	17.686
29.291	6559.406	7624.516	4.252
5184.671	152.453	1.002	14.800

1/15/2017 8:55:00 AM	298500.000	12.847	17.687
29.282	6555.179	7619.514	4.249
5181.270	152.551	1.002	14.802
1/15/2017 9:00:00 AM	298800.000	12.851	17.687
29.292	6548.690	7611.987	4.245
5176.151	152.702	1.002	14.803
1/15/2017 9:05:00 AM	299100.000	12.846	17.687
29.280	6544.921	7607.577	4.242
5173.152	152.790	1.002	14.803
1/15/2017 9:10:00 AM	299400.000	12.851	17.687
29.290	6539.471	7601.255	4.238
5168.854	152.918	1.002	14.804
1/15/2017 9:15:00 AM	299700.000	12.847	17.686
29.282	6535.768	7597.040	4.236
5165.987	153.004	1.002	14.804
1/15/2017 9:20:00 AM	300000.000	12.851	17.687
29.291	6529.738	7589.929	4.231
5161.152	153.145	1.002	14.804
1/15/2017 9:25:00 AM	300300.000	12.852	17.686
29.294	6525.512	7585.089	4.229
5157.861	153.245	1.002	14.803
1/15/2017 9:30:00 AM	300600.000	12.855	17.686
29.300	6521.942	7580.911	4.226
5155.020	153.329	1.002	14.803
1/15/2017 9:35:00 AM	300900.000	12.849	17.686
29.287	6517.667	7575.954	4.223
5151.649	153.429	1.002	14.804
1/15/2017 9:40:00 AM	301200.000	12.850	17.686
29.289	6513.479	7571.085	4.220
5148.339	153.528	1.002	14.805
1/15/2017 9:45:00 AM	301500.000	12.854	17.686
29.297	6506.780	7563.299	4.216
5143.043	153.686	1.002	14.806
1/15/2017 9:50:00 AM	301800.000	12.856	17.686
29.302	6504.817	7561.048	4.214
5141.513	153.732	1.002	14.806
1/15/2017 9:55:00 AM	302100.000	12.852	17.687
29.294	6499.472	7554.777	4.210
5137.249	153.859	1.002	14.806
1/15/2017 10:00:00 AM	302400.000	12.856	17.686
29.302	6495.791	7550.556	4.208
5134.378	153.946	1.002	14.806
1/15/2017 10:05:00 AM	302700.000	12.855	17.687
29.300	6490.405	7544.195	4.204
5130.053	154.074	1.002	14.808
1/15/2017 10:10:00 AM	303000.000	12.852	17.686
29.293	6488.377	7541.938	4.203
5128.518	154.122	1.002	14.810
1/15/2017 10:15:00 AM	303300.000	12.846	17.686
29.281	6484.856	7537.861	4.200
5125.746	154.205	1.002	14.812
1/15/2017 10:20:00 AM	303600.000	12.845	17.687
29.279	6481.764	7534.179	4.198
5123.242	154.279	1.002	14.813

1/15/2017 10:25:00 AM	303900.000	12.846	17.687
29.280	6479.548	7531.619	4.197
5121.501	154.332	1.002	14.814
1/15/2017 10:30:00 AM	304200.000	12.844	17.686
29.274	6475.980	7527.543	4.194
5118.729	154.417	1.002	14.814
1/15/2017 10:35:00 AM	304500.000	12.843	17.687
29.274	6472.031	7522.853	4.191
5115.540	154.511	1.002	14.813
1/15/2017 10:40:00 AM	304800.000	12.845	17.687
29.277	6469.571	7519.978	4.190
5113.585	154.570	1.002	14.812
1/15/2017 10:45:00 AM	305100.000	12.850	17.687
29.288	6466.566	7516.500	4.188
5111.220	154.642	1.002	14.811
1/15/2017 10:50:00 AM	305400.000	12.846	17.687
29.279	6464.842	7514.509	4.186
5109.867	154.683	1.002	14.810
1/15/2017 10:55:00 AM	305700.000	12.846	17.686
29.280	6461.860	7511.173	4.184
5107.598	154.754	1.002	14.809
1/15/2017 11:00:00 AM	306000.000	12.845	17.686
29.277	6458.192	7506.839	4.182
5104.651	154.842	1.002	14.809
1/15/2017 11:05:00 AM	306300.000	12.852	17.686
29.293	6454.826	7502.970	4.180
5102.021	154.923	1.002	14.807
1/15/2017 11:10:00 AM	306600.000	12.850	17.687
29.290	6452.311	7499.958	4.178
5099.972	154.983	1.002	14.805
1/15/2017 11:15:00 AM	306900.000	12.851	17.687
29.291	6448.984	7496.033	4.175
5097.302	155.063	1.002	14.803
1/15/2017 11:20:00 AM	307200.000	12.844	17.687
29.276	6446.717	7493.429	4.174
5095.532	155.118	1.002	14.803
1/15/2017 11:25:00 AM	307500.000	12.848	17.686
29.286	6444.169	7490.539	4.172
5093.566	155.179	1.002	14.803
1/15/2017 11:30:00 AM	307800.000	12.848	17.686
29.285	6441.291	7487.176	4.170
5091.280	155.248	1.002	14.803
1/15/2017 11:35:00 AM	308100.000	12.848	17.687
29.284	6437.474	7482.697	4.167
5088.234	155.340	1.002	14.801
1/15/2017 11:40:00 AM	308400.000	12.844	17.686
29.275	6435.461	7480.400	4.166
5086.672	155.389	1.002	14.800
1/15/2017 11:45:00 AM	308700.000	12.849	17.687
29.286	6432.920	7477.404	4.164
5084.635	155.450	1.002	14.799
1/15/2017 11:50:00 AM	309000.000	12.846	17.686
29.279	6431.557	7475.935	4.163
5083.636	155.483	1.002	14.797

1/15/2017 11:55:00 AM	309300.000	12.851	17.686
29.292	6428.234	7471.988	4.161
5080.952	155.564	1.002	14.795
1/15/2017 12:00:00 PM	309600.000	12.850	17.686
29.289	6425.618	7468.946	4.159
5078.884	155.627	1.002	14.793
1/15/2017 12:05:00 PM	309900.000	12.851	17.687
29.291	6423.995	7467.017	4.158
5077.571	155.666	1.002	14.793
1/15/2017 12:10:00 PM	310200.000	12.851	17.687
29.292	6419.930	7462.305	4.155
5074.368	155.765	1.002	14.793
1/15/2017 12:15:00 PM	310500.000	12.849	17.686
29.288	6418.278	7460.428	4.154
5073.091	155.805	1.002	14.792
1/15/2017 12:20:00 PM	310800.000	12.851	17.687
29.292	6415.616	7457.305	4.152
5070.968	155.870	1.002	14.789
1/15/2017 12:25:00 PM	311100.000	12.848	17.686
29.284	6412.776	7454.049	4.150
5068.754	155.939	1.002	14.786
1/15/2017 12:30:00 PM	311400.000	12.848	17.686
29.285	6410.962	7451.923	4.149
5067.309	155.983	1.002	14.782
1/15/2017 12:35:00 PM	311700.000	12.851	17.686
29.292	6407.589	7448.047	4.147
5064.672	156.065	1.002	14.781
1/15/2017 12:40:00 PM	312000.000	12.852	17.687
29.293	6405.808	7445.905	4.146
5063.216	156.108	1.002	14.780
1/15/2017 12:45:00 PM	312300.000	12.848	17.687
29.284	6402.773	7442.334	4.143
5060.788	156.182	1.002	14.778
1/15/2017 12:50:00 PM	312600.000	12.849	17.686
29.287	6398.851	7437.890	4.141
5057.766	156.278	1.002	14.777
1/15/2017 12:55:00 PM	312900.000	12.855	17.686
29.302	6398.626	7437.584	4.141
5057.558	156.284	1.002	14.775
1/15/2017 1:00:00 PM	313200.000	12.856	17.687
29.303	6396.997	7435.635	4.139
5056.232	156.323	1.002	14.773
1/15/2017 1:05:00 PM	313500.000	12.852	17.686
29.293	6394.161	7432.381	4.137
5054.020	156.393	1.002	14.772
1/15/2017 1:10:00 PM	313800.000	12.856	17.686
29.303	6390.844	7428.583	4.135
5051.437	156.474	1.002	14.771
1/15/2017 1:15:00 PM	314100.000	12.852	17.687
29.294	6390.730	7428.379	4.135
5051.298	156.477	1.002	14.769
1/15/2017 1:20:00 PM	314400.000	12.851	17.686
29.292	6387.086	7424.188	4.133
5048.448	156.566	1.002	14.773

1/15/2017 1:25:00 PM	314700.000	12.843	17.686
29.274	6385.866	7422.796	4.132
5047.501	156.596	1.002	14.776
1/15/2017 1:30:00 PM	315000.000	12.843	17.686
29.274	6384.187	7420.817	4.131
5046.156	156.637	1.002	14.779
1/15/2017 1:35:00 PM	315300.000	12.846	17.687
29.279	6383.114	7419.512	4.130
5045.269	156.663	1.002	14.776
1/15/2017 1:40:00 PM	315600.000	12.843	17.686
29.274	6378.228	7413.891	4.126
5041.446	156.783	1.002	14.772
1/15/2017 1:45:00 PM	315900.000	12.851	17.687
29.290	6375.842	7411.046	4.125
5039.512	156.842	1.002	14.769
1/15/2017 1:50:00 PM	316200.000	12.847	17.686
29.282	6375.107	7410.306	4.124
5039.008	156.860	1.002	14.769
1/15/2017 1:55:00 PM	316500.000	12.847	17.686
29.282	6373.271	7408.157	4.123
5037.547	156.905	1.002	14.770
1/15/2017 2:00:00 PM	316800.000	12.852	17.687
29.293	6371.107	7405.570	4.122
5035.788	156.959	1.002	14.770
1/15/2017 2:05:00 PM	317100.000	12.845	17.686
29.278	6369.276	7403.513	4.120
5034.390	157.004	1.002	14.773
1/15/2017 2:10:00 PM	317400.000	12.849	17.687
29.287	6367.874	7401.797	4.119
5033.222	157.038	1.002	14.775
1/15/2017 2:15:00 PM	317700.000	12.842	17.687
29.270	6367.158	7400.980	4.119
5032.667	157.056	1.002	14.778
1/15/2017 2:20:00 PM	318000.000	12.841	17.686
29.269	6363.696	7396.999	4.116
5029.959	157.141	1.002	14.779
1/15/2017 2:25:00 PM	318300.000	12.840	17.686
29.266	6362.992	7396.180	4.116
5029.403	157.159	1.002	14.779
1/15/2017 2:30:00 PM	318600.000	12.844	17.686
29.276	6359.944	7392.609	4.114
5026.974	157.234	1.002	14.780
1/15/2017 2:35:00 PM	318900.000	12.847	17.686
29.281	6359.827	7392.514	4.114
5026.910	157.237	1.002	14.778
1/15/2017 2:40:00 PM	319200.000	12.843	17.686
29.272	6357.188	7389.405	4.112
5024.795	157.302	1.002	14.776
1/15/2017 2:45:00 PM	319500.000	12.847	17.686
29.281	6357.597	7389.894	4.112
5025.128	157.292	1.002	14.774
1/15/2017 2:50:00 PM	319800.000	12.853	17.686
29.297	6355.228	7387.211	4.111
5023.304	157.351	1.002	14.772

1/15/2017 2:55:00 PM	320100.000	12.850	17.687
29.288	6353.657	7385.259	4.109
5021.977	157.390	1.002	14.771
1/15/2017 3:00:00 PM	320400.000	12.851	17.686
29.291	6352.280	7383.742	4.109
5020.945	157.424	1.002	14.770
1/15/2017 3:05:00 PM	320700.000	12.852	17.687
29.294	6350.796	7381.961	4.107
5019.734	157.461	1.002	14.772
1/15/2017 3:10:00 PM	321000.000	12.845	17.686
29.279	6350.209	7381.365	4.107
5019.329	157.475	1.002	14.773
1/15/2017 3:15:00 PM	321300.000	12.843	17.687
29.274	6349.580	7380.547	4.107
5018.772	157.491	1.002	14.774
1/15/2017 3:20:00 PM	321600.000	12.849	17.686
29.286	6347.386	7378.024	4.105
5017.057	157.545	1.002	14.775
1/15/2017 3:25:00 PM	321900.000	12.844	17.686
29.276	6346.503	7377.015	4.105
5016.370	157.567	1.002	14.776
1/15/2017 3:30:00 PM	322200.000	12.847	17.686
29.283	6346.075	7376.500	4.104
5016.021	157.578	1.002	14.777
1/15/2017 3:35:00 PM	322500.000	12.844	17.687
29.275	6344.910	7375.104	4.103
5015.071	157.607	1.002	14.776
1/15/2017 3:40:00 PM	322800.000	12.851	17.687
29.292	6344.276	7374.340	4.103
5014.552	157.622	1.002	14.774
1/15/2017 3:45:00 PM	323100.000	12.847	17.687
29.282	6342.507	7372.326	4.102
5013.182	157.666	1.002	14.773
1/15/2017 3:50:00 PM	323400.000	12.849	17.687
29.287	6341.152	7370.708	4.101
5012.082	157.700	1.002	14.774
1/15/2017 3:55:00 PM	323700.000	12.848	17.686
29.284	6341.910	7371.659	4.101
5012.728	157.681	1.002	14.775
1/15/2017 4:00:00 PM	324000.000	12.845	17.687
29.278	6339.500	7368.832	4.100
5010.806	157.741	1.002	14.776
1/15/2017 4:05:00 PM	324300.000	12.846	17.686
29.280	6340.708	7370.291	4.101
5011.798	157.711	1.002	14.778
1/15/2017 4:10:00 PM	324600.000	12.841	17.686
29.268	6339.004	7368.340	4.099
5010.472	157.753	1.002	14.780
1/15/2017 4:15:00 PM	324900.000	12.839	17.686
29.264	6337.146	7366.150	4.098
5008.982	157.800	1.002	14.781
1/15/2017 4:20:00 PM	325200.000	12.843	17.687
29.273	6336.751	7365.593	4.098
5008.604	157.810	1.002	14.778

1/15/2017 4:25:00 PM	325500.000	12.845	17.687
29.278	6336.357	7365.163	4.097
5008.311	157.819	1.002	14.775
1/15/2017 4:30:00 PM	325800.000	12.851	17.686
29.292	6334.659	7363.230	4.096
5006.997	157.862	1.002	14.772
1/15/2017 4:35:00 PM	326100.000	12.848	17.687
29.286	6335.295	7363.844	4.097
5007.415	157.846	1.002	14.775
1/15/2017 4:40:00 PM	326400.000	12.846	17.687
29.281	6334.377	7362.818	4.096
5006.717	157.869	1.002	14.777
1/15/2017 4:45:00 PM	326700.000	12.844	17.686
29.276	6334.056	7362.530	4.096
5006.521	157.877	1.002	14.779
1/15/2017 4:50:00 PM	327000.000	12.840	17.686
29.266	6332.323	7360.586	4.095
5005.199	157.920	1.002	14.778
1/15/2017 4:55:00 PM	327300.000	12.844	17.687
29.276	6332.448	7360.634	4.095
5005.231	157.917	1.002	14.777
1/15/2017 5:00:00 PM	327600.000	12.845	17.686
29.278	6332.090	7360.261	4.095
5004.978	157.926	1.002	14.776
1/15/2017 5:05:00 PM	327900.000	12.841	17.686
29.268	6331.077	7359.111	4.094
5004.196	157.951	1.002	14.775
1/15/2017 5:10:00 PM	328200.000	12.847	17.686
29.283	6331.472	7359.612	4.094
5004.537	157.941	1.002	14.773
1/15/2017 5:15:00 PM	328500.000	12.850	17.687
29.288	6331.281	7359.277	4.094
5004.309	157.946	1.002	14.772
1/15/2017 5:20:00 PM	328800.000	12.840	17.686
29.266	6331.114	7359.127	4.094
5004.207	157.950	1.002	14.776
1/15/2017 5:25:00 PM	329100.000	12.838	17.687
29.262	6328.248	7355.736	4.092
5001.901	158.022	1.002	14.780
1/15/2017 5:30:00 PM	329400.000	12.839	17.686
29.264	6329.493	7357.254	4.093
5002.934	157.991	1.002	14.784
1/15/2017 5:35:00 PM	329700.000	12.837	17.686
29.259	6329.946	7357.740	4.093
5003.264	157.979	1.002	14.782
1/15/2017 5:40:00 PM	330000.000	12.839	17.686
29.265	6329.163	7356.929	4.093
5002.712	157.999	1.002	14.780
1/15/2017 5:45:00 PM	330300.000	12.844	17.686
29.275	6327.789	7355.274	4.092
5001.586	158.033	1.002	14.778
1/15/2017 5:50:00 PM	330600.000	12.843	17.686
29.273	6327.551	7355.028	4.091
5001.419	158.039	1.002	14.778

1/15/2017 5:55:00 PM	330900.000	12.846	17.686
29.281	6327.674	7355.155	4.092
5001.506	158.036	1.002	14.779
1/15/2017 6:00:00 PM	331200.000	12.845	17.686
29.278	6326.596	7353.888	4.091
5000.644	158.063	1.002	14.779
1/15/2017 6:05:00 PM	331500.000	12.842	17.686
29.271	6325.818	7352.998	4.090
5000.039	158.082	1.002	14.777
1/15/2017 6:10:00 PM	331800.000	12.843	17.687
29.273	6326.894	7354.177	4.091
5000.841	158.055	1.002	14.775
1/15/2017 6:15:00 PM	332100.000	12.846	17.686
29.280	6325.618	7352.738	4.090
4999.863	158.087	1.002	14.773
1/15/2017 6:20:00 PM	332400.000	12.849	17.686
29.288	6325.389	7352.485	4.090
4999.690	158.093	1.002	14.776
1/15/2017 6:25:00 PM	332700.000	12.843	17.686
29.273	6324.050	7350.929	4.089
4998.631	158.127	1.002	14.779
1/15/2017 6:30:00 PM	333000.000	12.839	17.687
29.264	6325.472	7352.510	4.090
4999.707	158.091	1.002	14.781
1/15/2017 6:35:00 PM	333300.000	12.838	17.686
29.262	6324.788	7351.745	4.089
4999.187	158.108	1.002	14.781
1/15/2017 6:40:00 PM	333600.000	12.841	17.686
29.267	6324.138	7351.060	4.089
4998.721	158.124	1.002	14.780
1/15/2017 6:45:00 PM	333900.000	12.848	17.686
29.285	6324.230	7351.109	4.089
4998.754	158.122	1.002	14.780
1/15/2017 6:50:00 PM	334200.000	12.844	17.686
29.276	6324.398	7351.390	4.089
4998.946	158.118	1.002	14.783
1/15/2017 6:55:00 PM	334500.000	12.839	17.687
29.264	6322.756	7349.354	4.088
4997.561	158.159	1.002	14.786
1/15/2017 7:00:00 PM	334800.000	12.841	17.686
29.268	6323.477	7350.232	4.089
4998.159	158.141	1.002	14.790
1/15/2017 7:05:00 PM	335100.000	12.842	17.686
29.272	6322.536	7349.168	4.088
4997.434	158.164	1.002	14.788
1/15/2017 7:10:00 PM	335400.000	12.844	17.687
29.276	6323.268	7349.963	4.088
4997.976	158.146	1.002	14.786
1/15/2017 7:15:00 PM	335700.000	12.846	17.686
29.280	6322.970	7349.660	4.088
4997.770	158.154	1.002	14.784
1/15/2017 7:20:00 PM	336000.000	12.839	17.686
29.263	6320.957	7347.333	4.087
4996.186	158.204	1.002	14.785

1/15/2017 7:25:00 PM	336300.000	12.843	17.686
29.274	6321.663	7348.168	4.087
4996.755	158.186	1.002	14.785
1/15/2017 7:30:00 PM	336600.000	12.842	17.687
29.271	6321.588	7347.996	4.087
4996.637	158.188	1.002	14.786
1/15/2017 7:35:00 PM	336900.000	12.836	17.686
29.258	6320.631	7346.984	4.087
4995.949	158.212	1.002	14.787
1/15/2017 7:40:00 PM	337200.000	12.839	17.686
29.263	6322.801	7349.448	4.088
4997.625	158.158	1.002	14.787
1/15/2017 7:45:00 PM	337500.000	12.839	17.686
29.264	6320.129	7346.371	4.086
4995.533	158.225	1.002	14.787
1/15/2017 7:50:00 PM	337800.000	12.838	17.686
29.261	6319.829	7346.022	4.086
4995.295	158.232	1.002	14.790
1/15/2017 7:55:00 PM	338100.000	12.836	17.686
29.257	6320.663	7346.979	4.087
4995.945	158.211	1.002	14.792
1/15/2017 8:00:00 PM	338400.000	12.830	17.687
29.244	6318.474	7344.333	4.085
4994.147	158.266	1.002	14.794
1/15/2017 8:05:00 PM	338700.000	12.832	17.687
29.249	6318.562	7344.450	4.085
4994.227	158.264	1.002	14.791
1/15/2017 8:10:00 PM	339000.000	12.838	17.686
29.262	6320.036	7346.262	4.086
4995.458	158.227	1.002	14.789
1/15/2017 8:15:00 PM	339300.000	12.837	17.686
29.260	6317.867	7343.771	4.085
4993.765	158.281	1.002	14.786
1/15/2017 8:20:00 PM	339600.000	12.835	17.686
29.256	6319.276	7345.421	4.086
4994.886	158.246	1.002	14.787
1/15/2017 8:25:00 PM	339900.000	12.840	17.686
29.267	6315.870	7341.434	4.083
4992.176	158.331	1.002	14.789
1/15/2017 8:30:00 PM	340200.000	12.834	17.686
29.254	6318.076	7344.097	4.085
4993.986	158.276	1.002	14.790
1/15/2017 8:35:00 PM	340500.000	12.834	17.686
29.253	6316.948	7342.644	4.084
4992.998	158.304	1.002	14.791
1/15/2017 8:40:00 PM	340800.000	12.839	17.686
29.264	6317.214	7342.998	4.084
4993.238	158.298	1.002	14.791
1/15/2017 8:45:00 PM	341100.000	12.833	17.686
29.251	6316.660	7342.326	4.084
4992.782	158.312	1.002	14.792
1/15/2017 8:50:00 PM	341400.000	12.839	17.686
29.264	6315.290	7340.716	4.083
4991.688	158.346	1.002	14.792

1/15/2017 8:55:00 PM	341700.000	12.840	17.686
29.267	6316.029	7341.592	4.083
4992.283	158.327	1.002	14.792
1/15/2017 9:00:00 PM	342000.000	12.836	17.686
29.257	6317.524	7343.357	4.084
4993.483	158.290	1.002	14.792
1/15/2017 9:05:00 PM	342300.000	12.833	17.687
29.250	6317.204	7342.915	4.084
4993.182	158.298	1.002	14.793
1/15/2017 9:10:00 PM	342600.000	12.838	17.686
29.261	6317.686	7343.501	4.085
4993.581	158.286	1.002	14.794
1/15/2017 9:15:00 PM	342900.000	12.837	17.687
29.259	6314.762	7340.076	4.083
4991.251	158.359	1.002	14.795
1/15/2017 9:20:00 PM	343200.000	12.833	17.686
29.249	6314.523	7339.826	4.082
4991.082	158.365	1.002	14.794
1/15/2017 9:25:00 PM	343500.000	12.834	17.686
29.253	6314.454	7339.733	4.082
4991.019	158.367	1.002	14.793
1/15/2017 9:30:00 PM	343800.000	12.835	17.686
29.254	6315.966	7341.574	4.083
4992.271	158.329	1.002	14.792
1/15/2017 9:35:00 PM	344100.000	12.835	17.686
29.254	6315.861	7341.368	4.083
4992.131	158.332	1.002	14.792
1/15/2017 9:40:00 PM	344400.000	12.842	17.686
29.270	6316.076	7341.646	4.083
4992.320	158.326	1.002	14.792
1/15/2017 9:45:00 PM	344700.000	12.841	17.686
29.268	6315.664	7341.167	4.083
4991.994	158.336	1.002	14.792
1/15/2017 9:50:00 PM	345000.000	12.840	17.687
29.267	6314.672	7339.944	4.082
4991.162	158.361	1.002	14.791
1/15/2017 9:55:00 PM	345300.000	12.842	17.686
29.272	6314.971	7340.334	4.083
4991.427	158.354	1.002	14.790
1/15/2017 10:00:00 PM	345600.000	12.839	17.686
29.264	6314.291	7339.572	4.082
4990.909	158.371	1.002	14.790
1/15/2017 10:05:00 PM	345900.000	12.837	17.686
29.260	6314.490	7339.858	4.082
4991.104	158.366	1.002	14.790
1/15/2017 10:10:00 PM	346200.000	12.840	17.686
29.267	6314.493	7339.778	4.082
4991.049	158.366	1.002	14.791
1/15/2017 10:15:00 PM	346500.000	12.839	17.686
29.265	6313.931	7339.137	4.082
4990.613	158.380	1.002	14.792
1/15/2017 10:20:00 PM	346800.000	12.839	17.686
29.263	6314.104	7339.439	4.082
4990.818	158.376	1.002	14.794

1/15/2017 10:25:00 PM	347100.000	12.833	17.686
29.249	6312.413	7337.431	4.081
4989.453	158.418	1.002	14.796
1/15/2017 10:30:00 PM	347400.000	12.835	17.687
29.256	6313.660	7338.768	4.082
4990.363	158.387	1.002	14.798
1/15/2017 10:35:00 PM	347700.000	12.835	17.687
29.256	6313.902	7339.020	4.082
4990.533	158.381	1.002	14.799
1/15/2017 10:40:00 PM	348000.000	12.830	17.686
29.244	6314.087	7339.334	4.082
4990.748	158.376	1.002	14.799
1/15/2017 10:45:00 PM	348300.000	12.830	17.686
29.244	6314.557	7339.852	4.082
4991.100	158.364	1.002	14.800
1/15/2017 10:50:00 PM	348600.000	12.835	17.686
29.256	6312.683	7337.702	4.081
4989.638	158.411	1.002	14.800
1/15/2017 10:55:00 PM	348900.000	12.829	17.686
29.242	6314.710	7340.030	4.083
4991.221	158.360	1.002	14.801
1/15/2017 11:00:00 PM	349200.000	12.831	17.687
29.246	6314.160	7339.349	4.082
4990.757	158.374	1.002	14.801
1/15/2017 11:05:00 PM	349500.000	12.835	17.686
29.255	6312.213	7337.140	4.081
4989.255	158.423	1.002	14.800
1/15/2017 11:10:00 PM	349800.000	12.839	17.686
29.265	6312.404	7337.406	4.081
4989.436	158.418	1.002	14.798
1/15/2017 11:15:00 PM	350100.000	12.841	17.687
29.268	6313.467	7338.557	4.082
4990.219	158.392	1.002	14.796
1/15/2017 11:20:00 PM	350400.000	12.836	17.687
29.258	6313.276	7338.334	4.082
4990.067	158.396	1.002	14.801
1/15/2017 11:25:00 PM	350700.000	12.831	17.686
29.245	6313.528	7338.712	4.082
4990.325	158.390	1.002	14.806
1/15/2017 11:30:00 PM	351000.000	12.823	17.686
29.227	6312.070	7336.991	4.081
4989.154	158.427	1.002	14.811
1/15/2017 11:35:00 PM	351300.000	12.824	17.686
29.231	6313.195	7338.326	4.081
4990.062	158.398	1.002	14.807
1/15/2017 11:40:00 PM	351600.000	12.833	17.686
29.251	6312.476	7337.517	4.081
4989.512	158.416	1.002	14.803
1/15/2017 11:45:00 PM	351900.000	12.831	17.686
29.246	6312.624	7337.617	4.081
4989.580	158.413	1.002	14.800
1/15/2017 11:50:00 PM	352200.000	12.832	17.686
29.249	6313.238	7338.375	4.082
4990.096	158.397	1.002	14.799

1/15/2017 11:55:00 PM	352500.000	12.836	17.686
29.258	6313.308	7338.457	4.082
4990.151	158.396	1.002	14.798
1/16/2017 12:00:00 AM	352800.000	12.833	17.686
29.250	6312.764	7337.840	4.081
4989.731	158.409	1.002	14.797
1/16/2017 12:05:00 AM	353100.000	12.831	17.687
29.245	6312.405	7337.336	4.081
4989.389	158.418	1.002	14.797
1/16/2017 12:10:00 AM	353400.000	12.837	17.687
29.259	6312.057	7336.917	4.081
4989.104	158.427	1.002	14.797
1/16/2017 12:15:00 AM	353700.000	12.834	17.687
29.253	6312.983	7338.009	4.081
4989.846	158.404	1.002	14.797
1/16/2017 12:20:00 AM	354000.000	12.828	17.687
29.239	6311.666	7336.462	4.080
4988.794	158.437	1.002	14.796
1/16/2017 12:25:00 AM	354300.000	12.834	17.686
29.254	6313.685	7338.839	4.082
4990.411	158.386	1.002	14.795
1/16/2017 12:30:00 AM	354600.000	12.836	17.686
29.257	6313.003	7338.088	4.081
4989.900	158.403	1.002	14.794
1/16/2017 12:35:00 AM	354900.000	12.831	17.686
29.245	6311.624	7336.455	4.080
4988.790	158.438	1.002	14.793
1/16/2017 12:40:00 AM	355200.000	12.829	17.686
29.241	6311.450	7336.297	4.080
4988.682	158.442	1.002	14.793
1/16/2017 12:45:00 AM	355500.000	12.830	17.686
29.243	6312.215	7337.142	4.081
4989.257	158.423	1.002	14.793
1/16/2017 12:50:00 AM	355800.000	12.831	17.687
29.247	6312.129	7337.001	4.081
4989.161	158.425	1.002	14.792
1/16/2017 12:55:00 AM	356100.000	12.833	17.686
29.251	6310.314	7334.962	4.079
4987.775	158.471	1.002	14.792
1/16/2017 1:00:00 AM	356400.000	12.833	17.687
29.251	6310.883	7335.552	4.080
4988.176	158.456	1.002	14.792
1/16/2017 1:05:00 AM	356700.000	12.831	17.687
29.246	6309.929	7334.443	4.079
4987.421	158.480	1.002	14.792
1/16/2017 1:10:00 AM	357000.000	12.832	17.686
29.249	6310.151	7334.844	4.079
4987.695	158.475	1.002	14.791
1/16/2017 1:15:00 AM	357300.000	12.828	17.686
29.238	6310.184	7334.797	4.079
4987.662	158.474	1.002	14.791
1/16/2017 1:20:00 AM	357600.000	12.832	17.687
29.249	6309.838	7334.338	4.079
4987.351	158.483	1.002	14.790

1/16/2017 1:25:00 AM	357900.000	12.826	17.687
29.234	6308.653	7332.961	4.078
4986.414	158.512	1.002	14.790
1/16/2017 1:30:00 AM	358200.000	12.828	17.686
29.238	6308.620	7332.979	4.078
4986.426	158.513	1.002	14.789
1/16/2017 1:35:00 AM	358500.000	12.831	17.686
29.245	6310.155	7334.764	4.079
4987.640	158.475	1.002	14.789
1/16/2017 1:40:00 AM	358800.000	12.833	17.686
29.251	6309.831	7334.442	4.079
4987.421	158.483	1.002	14.788
1/16/2017 1:45:00 AM	359100.000	12.828	17.687
29.239	6309.869	7334.347	4.079
4987.356	158.482	1.002	14.788
1/16/2017 1:50:00 AM	359400.000	12.829	17.686
29.241	6309.280	7333.760	4.079
4986.957	158.497	1.002	14.788
1/16/2017 1:55:00 AM	359700.000	12.832	17.686
29.248	6308.211	7332.477	4.078
4986.084	158.524	1.002	14.788
1/16/2017 2:00:00 AM	360000.000	12.825	17.686
29.232	6309.383	7333.895	4.079
4987.049	158.494	1.002	14.788
1/16/2017 2:05:00 AM	360300.000	12.832	17.686
29.248	6309.142	7333.586	4.079
4986.839	158.500	1.002	14.786
1/16/2017 2:10:00 AM	360600.000	12.833	17.686
29.251	6307.748	7331.950	4.078
4985.727	158.535	1.002	14.784
1/16/2017 2:15:00 AM	360900.000	12.834	17.687
29.252	6308.716	7333.021	4.078
4986.455	158.511	1.002	14.782
1/16/2017 2:20:00 AM	361200.000	12.836	17.686
29.257	6309.187	7333.667	4.079
4986.893	158.499	1.002	14.780
1/16/2017 2:25:00 AM	361500.000	12.833	17.687
29.251	6306.907	7330.848	4.077
4984.977	158.556	1.002	14.777
1/16/2017 2:30:00 AM	361800.000	12.832	17.686
29.249	6307.190	7331.301	4.077
4985.285	158.549	1.002	14.775
1/16/2017 2:35:00 AM	362100.000	12.837	17.686
29.261	6307.253	7331.404	4.077
4985.355	158.548	1.002	14.776
1/16/2017 2:40:00 AM	362400.000	12.831	17.686
29.247	6306.052	7330.008	4.077
4984.405	158.578	1.002	14.777
1/16/2017 2:45:00 AM	362700.000	12.832	17.686
29.248	6305.715	7329.603	4.076
4984.130	158.586	1.002	14.779
1/16/2017 2:50:00 AM	363000.000	12.837	17.686
29.259	6305.480	7329.357	4.076
4983.963	158.592	1.002	14.779

1/16/2017 2:55:00 AM	363300.000	12.838	17.686
29.261	6306.333	7330.364	4.077
4984.648	158.571	1.002	14.779
1/16/2017 3:00:00 AM	363600.000	12.838	17.686
29.261	6305.332	7329.129	4.076
4983.809	158.596	1.002	14.779
1/16/2017 3:05:00 AM	363900.000	12.838	17.687
29.261	6306.791	7330.753	4.077
4984.913	158.559	1.002	14.781
1/16/2017 3:10:00 AM	364200.000	12.838	17.686
29.261	6304.168	7327.848	4.075
4982.937	158.625	1.002	14.782
1/16/2017 3:15:00 AM	364500.000	12.832	17.686
29.248	6305.825	7329.731	4.076
4984.218	158.584	1.002	14.784
1/16/2017 3:20:00 AM	364800.000	12.833	17.686
29.251	6305.595	7329.491	4.076
4984.054	158.589	1.002	14.785
1/16/2017 3:25:00 AM	365100.000	12.827	17.686
29.237	6305.714	7329.574	4.076
4984.110	158.586	1.002	14.787
1/16/2017 3:30:00 AM	365400.000	12.829	17.686
29.241	6304.728	7328.468	4.076
4983.359	158.611	1.002	14.789
1/16/2017 3:35:00 AM	365700.000	12.829	17.686
29.240	6304.838	7328.654	4.076
4983.485	158.608	1.002	14.788
1/16/2017 3:40:00 AM	366000.000	12.825	17.686
29.233	6303.212	7326.666	4.075
4982.133	158.649	1.002	14.786
1/16/2017 3:45:00 AM	366300.000	12.831	17.686
29.245	6304.848	7328.579	4.076
4983.434	158.608	1.002	14.785
1/16/2017 3:50:00 AM	366600.000	12.823	17.687
29.227	6304.277	7327.874	4.075
4982.955	158.622	1.002	14.786
1/16/2017 3:55:00 AM	366900.000	12.822	17.687
29.226	6305.161	7328.917	4.076
4983.664	158.600	1.002	14.787
1/16/2017 4:00:00 AM	367200.000	12.823	17.687
29.227	6304.467	7328.095	4.075
4983.105	158.618	1.002	14.788
1/16/2017 4:05:00 AM	367500.000	12.829	17.686
29.242	6302.434	7325.832	4.074
4981.565	158.669	1.002	14.786
1/16/2017 4:10:00 AM	367800.000	12.831	17.687
29.247	6304.909	7328.609	4.076
4983.454	158.607	1.002	14.784
1/16/2017 4:15:00 AM	368100.000	12.829	17.686
29.241	6303.638	7327.244	4.075
4982.526	158.639	1.002	14.782
1/16/2017 4:20:00 AM	368400.000	12.833	17.686
29.251	6304.949	7328.696	4.076
4983.514	158.606	1.002	14.783

1/16/2017 4:25:00 AM	368700.000	12.831	17.686
29.246	6303.469	7327.020	4.075
4982.374	158.643	1.002	14.784
1/16/2017 4:30:00 AM	369000.000	12.826	17.686
29.235	6302.815	7326.288	4.074
4981.876	158.659	1.002	14.784
1/16/2017 4:35:00 AM	369300.000	12.831	17.686
29.245	6302.949	7326.443	4.074
4981.982	158.656	1.002	14.784
1/16/2017 4:40:00 AM	369600.000	12.827	17.686
29.237	6303.119	7326.598	4.075
4982.087	158.652	1.002	14.784
1/16/2017 4:45:00 AM	369900.000	12.825	17.686
29.233	6303.461	7326.956	4.075
4982.330	158.643	1.002	14.785
1/16/2017 4:50:00 AM	370200.000	12.827	17.686
29.237	6303.019	7326.497	4.074
4982.019	158.654	1.002	14.783
1/16/2017 4:55:00 AM	370500.000	12.832	17.686
29.247	6302.818	7326.220	4.074
4981.830	158.659	1.002	14.781
1/16/2017 5:00:00 AM	370800.000	12.834	17.687
29.253	6302.832	7326.209	4.074
4981.822	158.659	1.002	14.780
1/16/2017 5:05:00 AM	371100.000	12.833	17.686
29.249	6303.770	7327.355	4.075
4982.602	158.635	1.002	14.784
1/16/2017 5:10:00 AM	371400.000	12.824	17.687
29.230	6302.369	7325.644	4.074
4981.438	158.670	1.002	14.789
1/16/2017 5:15:00 AM	371700.000	12.828	17.686
29.239	6302.108	7325.383	4.074
4981.260	158.677	1.002	14.793
1/16/2017 5:20:00 AM	372000.000	12.826	17.686
29.233	6302.086	7325.386	4.074
4981.262	158.678	1.002	14.793
1/16/2017 5:25:00 AM	372300.000	12.825	17.687
29.231	6301.903	7325.102	4.074
4981.069	158.682	1.002	14.792
1/16/2017 5:30:00 AM	372600.000	12.823	17.686
29.227	6303.136	7326.605	4.075
4982.092	158.651	1.002	14.792
1/16/2017 5:35:00 AM	372900.000	12.829	17.686
29.241	6301.832	7325.073	4.074
4981.050	158.684	1.002	14.793
1/16/2017 5:40:00 AM	373200.000	12.824	17.686
29.230	6302.109	7325.412	4.074
4981.280	158.677	1.002	14.794
1/16/2017 5:45:00 AM	373500.000	12.828	17.687
29.240	6301.808	7325.004	4.074
4981.003	158.685	1.002	14.796
1/16/2017 5:50:00 AM	373800.000	12.827	17.686
29.236	6302.863	7326.272	4.074
4981.865	158.658	1.002	14.795

1/16/2017 5:55:00 AM	374100.000	12.826	17.686
29.235	6302.177	7325.518	4.074
4981.353	158.675	1.002	14.795
1/16/2017 6:00:00 AM	374400.000	12.827	17.686
29.238	6302.364	7325.763	4.074
4981.519	158.671	1.002	14.795
1/16/2017 6:05:00 AM	374700.000	12.828	17.687
29.238	6301.979	7325.175	4.074
4981.119	158.680	1.002	14.794
1/16/2017 6:10:00 AM	375000.000	12.825	17.686
29.232	6300.878	7323.981	4.073
4980.308	158.708	1.002	14.793
1/16/2017 6:15:00 AM	375300.000	12.831	17.686
29.245	6301.647	7324.930	4.074
4980.952	158.689	1.002	14.792
1/16/2017 6:20:00 AM	375600.000	12.825	17.686
29.233	6301.358	7324.582	4.073
4980.716	158.696	1.002	14.793
1/16/2017 6:25:00 AM	375900.000	12.826	17.686
29.234	6301.021	7324.131	4.073
4980.410	158.704	1.002	14.793
1/16/2017 6:30:00 AM	376200.000	12.825	17.687
29.233	6302.300	7325.548	4.074
4981.374	158.672	1.002	14.793
1/16/2017 6:35:00 AM	376500.000	12.827	17.686
29.236	6301.726	7324.994	4.074
4980.996	158.687	1.002	14.795
1/16/2017 6:40:00 AM	376800.000	12.821	17.686
29.224	6301.574	7324.790	4.073
4980.858	158.691	1.002	14.797
1/16/2017 6:45:00 AM	377100.000	12.821	17.686
29.224	6301.563	7324.832	4.073
4980.886	158.691	1.002	14.798
1/16/2017 6:50:00 AM	377400.000	12.830	17.686
29.243	6301.481	7324.682	4.073
4980.784	158.693	1.002	14.795
1/16/2017 6:55:00 AM	377700.000	12.834	17.687
29.252	6300.266	7323.184	4.072
4979.766	158.723	1.002	14.792
1/16/2017 7:00:00 AM	378000.000	12.833	17.687
29.250	6302.007	7325.250	4.074
4981.170	158.680	1.002	14.789
1/16/2017 7:05:00 AM	378300.000	12.834	17.687
29.252	6301.322	7324.439	4.073
4980.619	158.697	1.002	14.793
1/16/2017 7:10:00 AM	378600.000	12.828	17.686
29.239	6300.107	7323.084	4.072
4979.698	158.727	1.002	14.797
1/16/2017 7:15:00 AM	378900.000	12.819	17.687
29.219	6301.608	7324.772	4.073
4980.845	158.690	1.002	14.802
1/16/2017 7:20:00 AM	379200.000	12.820	17.686
29.221	6301.717	7325.011	4.074
4981.008	158.687	1.002	14.800

1/16/2017 7:25:00 AM	379500.000	12.831	17.686
29.245	6302.270	7325.582	4.074
4981.396	158.673	1.002	14.799
1/16/2017 7:30:00 AM	379800.000	12.825	17.686
29.232	6301.941	7325.260	4.074
4981.177	158.681	1.002	14.797
1/16/2017 7:35:00 AM	380100.000	12.830	17.687
29.244	6301.879	7325.059	4.074
4981.041	158.683	1.002	14.798
1/16/2017 7:40:00 AM	380400.000	12.828	17.687
29.238	6301.198	7324.282	4.073
4980.513	158.700	1.002	14.799
1/16/2017 7:45:00 AM	380700.000	12.827	17.686
29.237	6302.780	7326.164	4.074
4981.792	158.660	1.002	14.800
1/16/2017 7:50:00 AM	381000.000	12.831	17.686
29.245	6301.541	7324.778	4.073
4980.849	158.691	1.002	14.797
1/16/2017 7:55:00 AM	381300.000	12.829	17.686
29.241	6299.950	7322.874	4.072
4979.555	158.731	1.002	14.794
1/16/2017 8:00:00 AM	381600.000	12.835	17.687
29.255	6300.290	7323.227	4.073
4979.794	158.723	1.002	14.792
1/16/2017 8:05:00 AM	381900.000	12.829	17.687
29.241	6301.388	7324.489	4.073
4980.653	158.695	1.002	14.795
1/16/2017 8:10:00 AM	382200.000	12.831	17.686
29.245	6300.817	7323.965	4.073
4980.296	158.710	1.002	14.799
1/16/2017 8:15:00 AM	382500.000	12.827	17.686
29.237	6301.800	7325.107	4.074
4981.073	158.685	1.002	14.803
1/16/2017 8:20:00 AM	382800.000	12.825	17.686
29.233	6301.351	7324.558	4.073
4980.700	158.696	1.002	14.804
1/16/2017 8:25:00 AM	383100.000	12.825	17.686
29.233	6301.388	7324.617	4.073
4980.740	158.695	1.002	14.806
1/16/2017 8:30:00 AM	383400.000	12.822	17.686
29.226	6300.099	7323.103	4.072
4979.710	158.728	1.002	14.808
1/16/2017 8:35:00 AM	383700.000	12.821	17.687
29.224	6302.157	7325.424	4.074
4981.289	158.676	1.002	14.807
1/16/2017 8:40:00 AM	384000.000	12.826	17.686
29.233	6300.894	7323.971	4.073
4980.300	158.708	1.002	14.806
1/16/2017 8:45:00 AM	384300.000	12.823	17.686
29.227	6300.217	7323.267	4.073
4979.822	158.725	1.002	14.805
1/16/2017 8:50:00 AM	384600.000	12.823	17.687
29.229	6301.238	7324.329	4.073
4980.543	158.699	1.002	14.806

1/16/2017 8:55:00 AM	384900.000	12.826	17.687
29.233	6300.535	7323.539	4.073
4980.007	158.717	1.002	14.807
1/16/2017 9:00:00 AM	385200.000	12.821	17.686
29.224	6300.413	7323.453	4.073
4979.949	158.720	1.002	14.808
1/16/2017 9:05:00 AM	385500.000	12.821	17.686
29.222	6299.790	7322.716	4.072
4979.447	158.735	1.002	14.808
1/16/2017 9:10:00 AM	385800.000	12.824	17.686
29.230	6301.007	7324.144	4.073
4980.418	158.705	1.002	14.808
1/16/2017 9:15:00 AM	386100.000	12.826	17.686
29.234	6300.361	7323.450	4.073
4979.946	158.721	1.002	14.809
1/16/2017 9:20:00 AM	386400.000	12.828	17.686
29.240	6301.471	7324.725	4.073
4980.813	158.693	1.002	14.806
1/16/2017 9:25:00 AM	386700.000	12.829	17.686
29.240	6299.188	7322.000	4.072
4978.960	158.751	1.002	14.803
1/16/2017 9:30:00 AM	387000.000	12.826	17.686
29.234	6300.601	7323.659	4.073
4980.088	158.715	1.002	14.801
1/16/2017 9:35:00 AM	387300.000	12.831	17.686
29.245	6301.278	7324.430	4.073
4980.613	158.698	1.002	14.803
1/16/2017 9:40:00 AM	387600.000	12.828	17.686
29.238	6300.637	7323.714	4.073
4980.126	158.714	1.002	14.805
1/16/2017 9:45:00 AM	387900.000	12.822	17.686
29.225	6300.756	7323.866	4.073
4980.229	158.711	1.002	14.807
1/16/2017 9:50:00 AM	388200.000	12.825	17.686
29.232	6300.119	7323.099	4.072
4979.707	158.727	1.002	14.809
1/16/2017 9:55:00 AM	388500.000	12.822	17.686
29.225	6300.327	7323.312	4.073
4979.852	158.722	1.002	14.810
1/16/2017 10:00:00 AM	388800.000	12.825	17.686
29.231	6301.625	7324.877	4.073
4980.917	158.689	1.002	14.812
1/16/2017 10:05:00 AM	389100.000	12.823	17.686
29.227	6300.882	7323.999	4.073
4980.319	158.708	1.002	14.811
1/16/2017 10:10:00 AM	389400.000	12.829	17.687
29.241	6301.484	7324.643	4.073
4980.757	158.693	1.002	14.810
1/16/2017 10:15:00 AM	389700.000	12.831	17.686
29.245	6298.833	7321.604	4.072
4978.691	158.760	1.002	14.809
1/16/2017 10:20:00 AM	390000.000	12.824	17.686
29.229	6298.515	7321.276	4.071
4978.468	158.768	1.002	14.811

1/16/2017 10:25:00 AM	390300.000	12.826	17.686
29.235	6300.491	7323.586	4.073
4980.039	158.718	1.002	14.813
1/16/2017 10:30:00 AM	390600.000	12.820	17.687
29.221	6301.280	7324.405	4.073
4980.596	158.698	1.002	14.815
1/16/2017 10:35:00 AM	390900.000	12.824	17.687
29.229	6300.015	7322.934	4.072
4979.596	158.730	1.002	14.814
1/16/2017 10:40:00 AM	391200.000	12.825	17.686
29.231	6299.895	7322.838	4.072
4979.530	158.733	1.002	14.813
1/16/2017 10:45:00 AM	391500.000	12.827	17.686
29.236	6300.620	7323.693	4.073
4980.112	158.715	1.002	14.811
1/16/2017 10:50:00 AM	391800.000	12.824	17.686
29.230	6299.474	7322.349	4.072
4979.197	158.743	1.002	14.811
1/16/2017 10:55:00 AM	392100.000	12.817	17.686
29.215	6299.387	7322.332	4.072
4979.186	158.746	1.002	14.810
1/16/2017 11:00:00 AM	392400.000	12.819	17.686
29.218	6299.120	7321.909	4.072
4978.898	158.752	1.002	14.809
1/16/2017 11:05:00 AM	392700.000	12.819	17.686
29.218	6298.561	7321.287	4.071
4978.476	158.766	1.002	14.809
1/16/2017 11:10:00 AM	393000.000	12.823	17.686
29.227	6298.897	7321.679	4.072
4978.742	158.758	1.002	14.809
1/16/2017 11:15:00 AM	393300.000	12.824	17.687
29.231	6300.230	7323.157	4.072
4979.747	158.724	1.002	14.809
1/16/2017 11:20:00 AM	393600.000	12.823	17.686
29.228	6300.637	7323.729	4.073
4980.135	158.714	1.002	14.809
1/16/2017 11:25:00 AM	393900.000	12.818	17.686
29.216	6299.655	7322.572	4.072
4979.349	158.739	1.002	14.810
1/16/2017 11:30:00 AM	394200.000	12.819	17.687
29.218	6301.033	7324.090	4.073
4980.381	158.704	1.002	14.811
1/16/2017 11:35:00 AM	394500.000	12.822	17.686
29.225	6299.564	7322.467	4.072
4979.278	158.741	1.002	14.809
1/16/2017 11:40:00 AM	394800.000	12.823	17.686
29.227	6298.735	7321.532	4.072
4978.643	158.762	1.002	14.808
1/16/2017 11:45:00 AM	395100.000	12.818	17.686
29.217	6298.889	7321.696	4.072
4978.753	158.758	1.002	14.806
1/16/2017 11:50:00 AM	395400.000	12.825	17.686
29.232	6300.183	7323.173	4.072
4979.758	158.726	1.002	14.803

1/16/2017 11:55:00 AM	395700.000	12.821	17.686
29.223	6298.392	7321.075	4.071
4978.331	158.771	1.002	14.799
1/16/2017 12:00:00 PM	396000.000	12.828	17.687
29.239	6298.736	7321.448	4.071
4978.585	158.762	1.002	14.795
1/16/2017 12:05:00 PM	396300.000	12.827	17.687
29.236	6298.097	7320.677	4.071
4978.061	158.778	1.002	14.794
1/16/2017 12:10:00 PM	396600.000	12.825	17.686
29.232	6296.957	7319.450	4.070
4977.226	158.807	1.002	14.793
1/16/2017 12:15:00 PM	396900.000	12.821	17.686
29.222	6297.507	7320.035	4.071
4977.624	158.793	1.002	14.792
1/16/2017 12:20:00 PM	397200.000	12.825	17.686
29.232	6299.052	7321.842	4.072
4978.853	158.754	1.002	14.791
1/16/2017 12:25:00 PM	397500.000	12.818	17.686
29.215	6297.016	7319.475	4.070
4977.244	158.805	1.002	14.791
1/16/2017 12:30:00 PM	397800.000	12.817	17.686
29.214	6296.426	7318.806	4.070
4976.789	158.820	1.002	14.790
1/16/2017 12:35:00 PM	398100.000	12.824	17.686
29.229	6296.289	7318.647	4.070
4976.680	158.824	1.002	14.789
1/16/2017 12:40:00 PM	398400.000	12.825	17.686
29.231	6296.520	7318.970	4.070
4976.900	158.818	1.002	14.789
1/16/2017 12:45:00 PM	398700.000	12.817	17.687
29.213	6297.052	7319.448	4.070
4977.225	158.804	1.002	14.788
1/16/2017 12:50:00 PM	399000.000	12.818	17.686
29.215	6296.073	7318.379	4.070
4976.498	158.829	1.002	14.787
1/16/2017 12:55:00 PM	399300.000	12.813	17.686
29.205	6295.253	7317.414	4.069
4975.842	158.850	1.002	14.787
1/16/2017 1:00:00 PM	399600.000	12.812	17.687
29.203	6296.547	7318.889	4.070
4976.844	158.817	1.002	14.786
1/16/2017 1:05:00 PM	399900.000	12.817	17.686
29.214	6295.980	7318.301	4.070
4976.445	158.831	1.002	14.784
1/16/2017 1:10:00 PM	400200.000	12.824	17.686
29.231	6293.637	7315.548	4.068
4974.573	158.891	1.002	14.782
1/16/2017 1:15:00 PM	400500.000	12.826	17.686
29.235	6294.734	7316.812	4.069
4975.433	158.863	1.002	14.779
1/16/2017 1:20:00 PM	400800.000	12.819	17.686
29.219	6293.061	7314.878	4.068
4974.117	158.905	1.002	14.779

1/16/2017 1:25:00 PM	401100.000	12.824	17.686
29.231	6294.515	7316.568	4.069
4975.267	158.868	1.002	14.778
1/16/2017 1:30:00 PM	401400.000	12.820	17.687
29.221	6293.142	7314.946	4.068
4974.164	158.903	1.002	14.778
1/16/2017 1:35:00 PM	401700.000	12.824	17.686
29.229	6292.923	7314.718	4.067
4974.009	158.909	1.002	14.778
1/16/2017 1:40:00 PM	402000.000	12.824	17.686
29.230	6294.680	7316.777	4.069
4975.409	158.864	1.002	14.777
1/16/2017 1:45:00 PM	402300.000	12.818	17.686
29.216	6293.515	7315.435	4.068
4974.497	158.894	1.002	14.777
1/16/2017 1:50:00 PM	402600.000	12.820	17.686
29.222	6291.740	7313.414	4.067
4973.121	158.939	1.002	14.775
1/16/2017 1:55:00 PM	402900.000	12.821	17.687
29.223	6292.667	7314.394	4.067
4973.788	158.915	1.002	14.772
1/16/2017 2:00:00 PM	403200.000	12.829	17.686
29.242	6292.042	7313.693	4.067
4973.312	158.931	1.002	14.770
1/16/2017 2:05:00 PM	403500.000	12.823	17.686
29.228	6290.027	7311.368	4.065
4971.730	158.982	1.002	14.771
1/16/2017 2:10:00 PM	403800.000	12.827	17.686
29.236	6291.780	7313.449	4.067
4973.146	158.938	1.002	14.772
1/16/2017 2:15:00 PM	404100.000	12.821	17.686
29.222	6290.832	7312.287	4.066
4972.356	158.962	1.002	14.773
1/16/2017 2:20:00 PM	404400.000	12.825	17.686
29.232	6291.288	7312.861	4.066
4972.746	158.950	1.002	14.774
1/16/2017 2:25:00 PM	404700.000	12.823	17.686
29.227	6291.668	7313.275	4.067
4973.028	158.940	1.002	14.774
1/16/2017 2:30:00 PM	405000.000	12.818	17.686
29.217	6289.835	7311.145	4.065
4971.579	158.987	1.002	14.775
1/16/2017 2:35:00 PM	405300.000	12.824	17.687
29.231	6290.667	7312.068	4.066
4972.207	158.966	1.002	14.775
1/16/2017 2:40:00 PM	405600.000	12.819	17.686
29.218	6289.311	7310.519	4.065
4971.153	159.000	1.002	14.775
1/16/2017 2:45:00 PM	405900.000	12.818	17.686
29.216	6289.308	7310.544	4.065
4971.170	159.000	1.002	14.775
1/16/2017 2:50:00 PM	406200.000	12.824	17.686
29.229	6290.777	7312.224	4.066
4972.313	158.963	1.002	14.773

1/16/2017 2:55:00 PM	406500.000	12.821	17.687
29.224	6292.134	7313.760	4.067
4973.357	158.929	1.002	14.771
1/16/2017 3:00:00 PM	406800.000	12.823	17.686
29.228	6290.862	7312.423	4.066
4972.448	158.961	1.002	14.770
1/16/2017 3:05:00 PM	407100.000	12.822	17.686
29.225	6291.336	7312.861	4.066
4972.746	158.949	1.002	14.770
1/16/2017 3:10:00 PM	407400.000	12.821	17.686
29.223	6289.984	7311.302	4.065
4971.686	158.983	1.002	14.770
1/16/2017 3:15:00 PM	407700.000	12.819	17.686
29.219	6291.677	7313.329	4.067
4973.064	158.940	1.002	14.771
1/16/2017 3:20:00 PM	408000.000	12.825	17.687
29.232	6289.056	7310.154	4.065
4970.905	159.006	1.002	14.770
1/16/2017 3:25:00 PM	408300.000	12.827	17.686
29.236	6289.154	7310.423	4.065
4971.087	159.004	1.002	14.770
1/16/2017 3:30:00 PM	408600.000	12.828	17.687
29.239	6291.857	7313.425	4.067
4973.129	158.936	1.002	14.769
1/16/2017 3:35:00 PM	408900.000	12.828	17.686
29.239	6288.660	7309.792	4.065
4970.658	159.016	1.002	14.770
1/16/2017 3:40:00 PM	409200.000	12.823	17.686
29.228	6289.784	7311.057	4.065
4971.520	158.988	1.002	14.770
1/16/2017 3:45:00 PM	409500.000	12.827	17.686
29.236	6290.066	7311.397	4.065
4971.750	158.981	1.002	14.771
1/16/2017 3:50:00 PM	409800.000	12.826	17.687
29.234	6290.019	7311.315	4.065
4971.694	158.982	1.002	14.770
1/16/2017 3:55:00 PM	410100.000	12.824	17.686
29.229	6290.141	7311.472	4.066
4971.801	158.979	1.002	14.769
1/16/2017 4:00:00 PM	410400.000	12.823	17.686
29.228	6288.483	7309.558	4.064
4970.499	159.021	1.002	14.769
1/16/2017 4:05:00 PM	410700.000	12.821	17.686
29.224	6288.661	7309.780	4.065
4970.651	159.016	1.002	14.769
1/16/2017 4:10:00 PM	411000.000	12.824	17.686
29.230	6289.738	7311.032	4.065
4971.502	158.989	1.002	14.770
1/16/2017 4:15:00 PM	411300.000	12.823	17.687
29.227	6289.917	7311.154	4.065
4971.585	158.985	1.002	14.771
1/16/2017 4:20:00 PM	411600.000	12.814	17.686
29.206	6289.323	7310.592	4.065
4971.203	159.000	1.002	14.772

1/16/2017 4:25:00 PM	411900.000	12.819	17.686
29.218	6289.491	7310.729	4.065
4971.296	158.995	1.002	14.774
1/16/2017 4:30:00 PM	412200.000	12.813	17.687
29.205	6289.018	7310.082	4.065
4970.855	159.007	1.002	14.775
1/16/2017 4:35:00 PM	412500.000	12.812	17.686
29.202	6289.546	7310.821	4.065
4971.359	158.994	1.002	14.773
1/16/2017 4:40:00 PM	412800.000	12.814	17.686
29.206	6289.147	7310.330	4.065
4971.024	159.004	1.002	14.772
1/16/2017 4:45:00 PM	413100.000	12.819	17.686
29.219	6289.103	7310.321	4.065
4971.019	159.005	1.002	14.770
1/16/2017 4:50:00 PM	413400.000	12.821	17.687
29.222	6287.949	7308.910	4.064
4970.059	159.034	1.002	14.768
1/16/2017 4:55:00 PM	413700.000	12.817	17.686
29.215	6286.944	7307.869	4.063
4969.351	159.060	1.002	14.767
1/16/2017 5:00:00 PM	414000.000	12.819	17.686
29.218	6288.854	7309.988	4.065
4970.792	159.011	1.002	14.765
1/16/2017 5:05:00 PM	414300.000	12.821	17.686
29.223	6290.095	7311.419	4.065
4971.766	158.980	1.002	14.767
1/16/2017 5:10:00 PM	414600.000	12.815	17.686
29.210	6288.643	7309.743	4.064
4970.626	159.017	1.002	14.769
1/16/2017 5:15:00 PM	414900.000	12.813	17.686
29.206	6288.603	7309.697	4.064
4970.594	159.018	1.002	14.772
1/16/2017 5:20:00 PM	415200.000	12.814	17.686
29.206	6288.286	7309.328	4.064
4970.344	159.026	1.002	14.771
1/16/2017 5:25:00 PM	415500.000	12.815	17.686
29.210	6287.914	7308.954	4.064
4970.089	159.035	1.002	14.771
1/16/2017 5:30:00 PM	415800.000	12.821	17.686
29.223	6287.774	7308.792	4.064
4969.979	159.039	1.002	14.770
1/16/2017 5:35:00 PM	416100.000	12.820	17.686
29.221	6286.794	7307.610	4.063
4969.175	159.064	1.002	14.772
1/16/2017 5:40:00 PM	416400.000	12.818	17.686
29.217	6288.005	7309.102	4.064
4970.189	159.033	1.002	14.774
1/16/2017 5:45:00 PM	416700.000	12.812	17.687
29.203	6287.839	7308.768	4.064
4969.962	159.037	1.002	14.776
1/16/2017 5:50:00 PM	417000.000	12.815	17.687
29.209	6287.909	7308.821	4.064
4969.999	159.035	1.002	14.776

1/16/2017 5:55:00 PM	417300.000	12.821	17.686
29.223	6287.691	7308.665	4.064
4969.893	159.041	1.002	14.776
1/16/2017 6:00:00 PM	417600.000	12.819	17.686
29.219	6285.613	7306.221	4.062
4968.231	159.093	1.002	14.775
1/16/2017 6:05:00 PM	417900.000	12.822	17.686
29.225	6287.954	7308.958	4.064
4970.092	159.034	1.002	14.774
1/16/2017 6:10:00 PM	418200.000	12.819	17.686
29.219	6287.163	7308.011	4.063
4969.448	159.054	1.002	14.772
1/16/2017 6:15:00 PM	418500.000	12.826	17.687
29.235	6287.245	7308.091	4.064
4969.502	159.052	1.002	14.770
1/16/2017 6:20:00 PM	418800.000	12.820	17.686
29.220	6286.462	7307.196	4.063
4968.894	159.072	1.002	14.770
1/16/2017 6:25:00 PM	419100.000	12.821	17.687
29.223	6286.035	7306.685	4.063
4968.545	159.083	1.002	14.769
1/16/2017 6:30:00 PM	419400.000	12.821	17.686
29.224	6289.427	7310.713	4.065
4971.285	158.997	1.002	14.769
1/16/2017 6:35:00 PM	419700.000	12.820	17.686
29.221	6287.020	7307.927	4.063
4969.391	159.058	1.002	14.769
1/16/2017 6:40:00 PM	420000.000	12.818	17.687
29.216	6287.121	7307.919	4.063
4969.386	159.055	1.002	14.770
1/16/2017 6:45:00 PM	420300.000	12.817	17.686
29.213	6286.618	7307.460	4.063
4969.073	159.068	1.002	14.771
1/16/2017 6:50:00 PM	420600.000	12.819	17.687
29.218	6287.539	7308.433	4.064
4969.735	159.045	1.002	14.771
1/16/2017 6:55:00 PM	420900.000	12.824	17.686
29.231	6287.279	7308.201	4.064
4969.577	159.051	1.002	14.770
1/16/2017 7:00:00 PM	421200.000	12.824	17.687
29.229	6286.166	7306.822	4.063
4968.639	159.079	1.002	14.769
1/16/2017 7:05:00 PM	421500.000	12.820	17.686
29.220	6285.514	7306.094	4.062
4968.145	159.096	1.002	14.770
1/16/2017 7:10:00 PM	421800.000	12.825	17.686
29.231	6286.554	7307.315	4.063
4968.975	159.070	1.002	14.771
1/16/2017 7:15:00 PM	422100.000	12.825	17.687
29.233	6286.881	7307.668	4.063
4969.214	159.061	1.002	14.771
1/16/2017 7:20:00 PM	422400.000	12.825	17.687
29.231	6286.161	7306.803	4.063
4968.626	159.080	1.002	14.773

1/16/2017 7:25:00 PM	422700.000	12.818	17.686
29.217	6286.467	7307.229	4.063
4968.917	159.072	1.002	14.774
1/16/2017 7:30:00 PM	423000.000	12.819	17.686
29.218	6286.281	7307.042	4.063
4968.788	159.077	1.002	14.775
1/16/2017 7:35:00 PM	423300.000	12.822	17.686
29.224	6285.561	7306.177	4.062
4968.200	159.095	1.002	14.773
1/16/2017 7:40:00 PM	423600.000	12.827	17.686
29.237	6286.293	7307.028	4.063
4968.779	159.076	1.002	14.772
1/16/2017 7:45:00 PM	423900.000	12.824	17.686
29.231	6285.338	7305.945	4.062
4968.043	159.100	1.002	14.770
1/16/2017 7:50:00 PM	424200.000	12.828	17.687
29.238	6285.406	7305.927	4.062
4968.030	159.099	1.002	14.771
1/16/2017 7:55:00 PM	424500.000	12.823	17.686
29.228	6284.400	7304.827	4.062
4967.283	159.124	1.002	14.771
1/16/2017 8:00:00 PM	424800.000	12.822	17.687
29.224	6284.031	7304.340	4.061
4966.952	159.134	1.002	14.771
1/16/2017 8:05:00 PM	425100.000	12.825	17.686
29.233	6285.411	7306.002	4.062
4968.082	159.099	1.002	14.772
1/16/2017 8:10:00 PM	425400.000	12.821	17.687
29.223	6286.192	7306.853	4.063
4968.660	159.079	1.002	14.772
1/16/2017 8:15:00 PM	425700.000	12.829	17.686
29.242	6284.304	7304.687	4.061
4967.188	159.127	1.002	14.773
1/16/2017 8:20:00 PM	426000.000	12.821	17.686
29.223	6284.943	7305.430	4.062
4967.693	159.110	1.002	14.775
1/16/2017 8:25:00 PM	426300.000	12.825	17.686
29.233	6285.337	7305.888	4.062
4968.004	159.100	1.002	14.777
1/16/2017 8:30:00 PM	426600.000	12.818	17.686
29.217	6285.133	7305.722	4.062
4967.891	159.106	1.002	14.779
1/16/2017 8:35:00 PM	426900.000	12.818	17.686
29.216	6285.210	7305.781	4.062
4967.931	159.104	1.002	14.781
1/16/2017 8:40:00 PM	427200.000	12.816	17.687
29.211	6285.534	7306.088	4.062
4968.140	159.095	1.002	14.782
1/16/2017 8:45:00 PM	427500.000	12.814	17.686
29.208	6285.590	7306.211	4.062
4968.224	159.094	1.002	14.784
1/16/2017 8:50:00 PM	427800.000	12.817	17.686
29.215	6284.845	7305.399	4.062
4967.672	159.113	1.002	14.786

1/16/2017 8:55:00 PM	428100.000	12.815	17.687
29.209	6285.427	7305.978	4.062
4968.065	159.098	1.002	14.788
1/16/2017 9:00:00 PM	428400.000	12.813	17.687
29.205	6285.424	7305.975	4.062
4968.063	159.098	1.002	14.790
1/16/2017 9:05:00 PM	428700.000	12.810	17.686
29.197	6283.699	7304.082	4.061
4966.775	159.142	1.002	14.789
1/16/2017 9:10:00 PM	429000.000	12.815	17.686
29.210	6286.043	7306.738	4.063
4968.582	159.083	1.002	14.787
1/16/2017 9:15:00 PM	429300.000	12.814	17.686
29.207	6285.306	7305.880	4.062
4967.999	159.101	1.002	14.786
1/16/2017 9:20:00 PM	429600.000	12.821	17.686
29.224	6286.108	7306.813	4.063
4968.633	159.081	1.002	14.783
1/16/2017 9:25:00 PM	429900.000	12.819	17.686
29.218	6284.957	7305.501	4.062
4967.742	159.110	1.002	14.781
1/16/2017 9:30:00 PM	430200.000	12.826	17.686
29.235	6285.956	7306.636	4.063
4968.513	159.085	1.002	14.778
1/16/2017 9:35:00 PM	430500.000	12.822	17.686
29.225	6287.391	7308.276	4.064
4969.628	159.048	1.002	14.780
1/16/2017 9:40:00 PM	430800.000	12.817	17.686
29.214	6288.771	7309.951	4.065
4970.767	159.014	1.002	14.782
1/16/2017 9:45:00 PM	431100.000	12.814	17.686
29.207	6293.200	7315.056	4.068
4974.238	158.902	1.002	14.784
1/16/2017 9:50:00 PM	431400.000	12.814	17.686
29.208	6298.818	7321.587	4.072
4978.680	158.760	1.002	14.784
1/16/2017 9:55:00 PM	431700.000	12.819	17.686
29.218	6304.505	7328.266	4.076
4983.222	158.617	1.002	14.784
1/16/2017 10:00:00 PM	432000.000	12.814	17.686
29.206	6311.110	7335.917	4.080
4988.424	158.451	1.002	14.785
1/16/2017 10:05:00 PM	432300.000	12.816	17.686
29.211	6316.900	7342.632	4.084
4992.991	158.305	1.002	14.783
1/16/2017 10:10:00 PM	432600.000	12.818	17.686
29.216	6323.403	7350.147	4.089
4998.100	158.143	1.002	14.781
1/16/2017 10:15:00 PM	432900.000	12.820	17.686
29.221	6329.607	7357.430	4.093
5003.053	157.988	1.002	14.779
1/16/2017 10:20:00 PM	433200.000	12.822	17.686
29.225	6335.110	7363.772	4.097
5007.366	157.850	1.002	14.779

1/16/2017 10:25:00 PM	433500.000	12.825	17.687
29.232	6343.147	7373.043	4.102
5013.669	157.650	1.002	14.779
1/16/2017 10:30:00 PM	433800.000	12.820	17.686
29.221	6347.784	7378.559	4.105
5017.420	157.535	1.002	14.779
1/16/2017 10:35:00 PM	434100.000	12.818	17.686
29.216	6351.612	7382.924	4.108
5020.389	157.440	1.002	14.781
1/16/2017 10:40:00 PM	434400.000	12.821	17.686
29.222	6356.144	7388.233	4.111
5023.999	157.328	1.002	14.783
1/16/2017 10:45:00 PM	434700.000	12.822	17.686
29.226	6360.936	7393.762	4.114
5027.759	157.210	1.002	14.784
1/16/2017 10:50:00 PM	435000.000	12.816	17.687
29.212	6365.908	7399.526	4.118
5031.679	157.087	1.002	14.784
1/16/2017 10:55:00 PM	435300.000	12.816	17.686
29.213	6368.738	7402.888	4.120
5033.964	157.017	1.002	14.785
1/16/2017 11:00:00 PM	435600.000	12.817	17.686
29.214	6372.758	7407.516	4.123
5037.111	156.918	1.002	14.785
1/16/2017 11:05:00 PM	435900.000	12.822	17.686
29.226	6376.948	7412.375	4.126
5040.415	156.815	1.002	14.783
1/16/2017 11:10:00 PM	436200.000	12.821	17.686
29.222	6378.366	7414.094	4.127
5041.584	156.780	1.002	14.781
1/16/2017 11:15:00 PM	436500.000	12.824	17.686
29.229	6382.639	7419.018	4.130
5044.932	156.675	1.002	14.780
1/16/2017 11:20:00 PM	436800.000	12.830	17.687
29.243	6386.418	7423.325	4.132
5047.861	156.582	1.002	14.778
1/16/2017 11:25:00 PM	437100.000	12.834	17.686
29.253	6387.595	7424.750	4.133
5048.830	156.553	1.002	14.776
1/16/2017 11:30:00 PM	437400.000	12.835	17.686
29.254	6391.031	7428.843	4.135
5051.613	156.469	1.002	14.774
1/16/2017 11:35:00 PM	437700.000	12.834	17.686
29.253	6392.823	7430.855	4.137
5052.982	156.425	1.002	14.774
1/16/2017 11:40:00 PM	438000.000	12.829	17.686
29.242	6394.643	7432.999	4.138
5054.439	156.381	1.002	14.775
1/16/2017 11:45:00 PM	438300.000	12.828	17.686
29.239	6396.362	7434.997	4.139
5055.798	156.339	1.002	14.776
1/16/2017 11:50:00 PM	438600.000	12.830	17.686
29.244	6399.822	7438.991	4.141
5058.515	156.254	1.002	14.777

1/16/2017 11:55:00 PM	438900.000	12.826	17.687
29.234	6401.381	7440.731	4.142
5059.698	156.216	1.002	14.777
1/17/2017 12:00:00 AM	439200.000	12.825	17.686
29.232	6402.973	7442.654	4.144
5061.005	156.177	1.002	14.778
1/17/2017 12:05:00 AM	439500.000	12.829	17.686
29.241	6405.404	7445.479	4.145
5062.926	156.118	1.002	14.777
1/17/2017 12:10:00 AM	439800.000	12.829	17.686
29.242	6407.312	7447.697	4.147
5064.435	156.072	1.002	14.776
1/17/2017 12:15:00 AM	440100.000	12.835	17.687
29.255	6409.709	7450.425	4.148
5066.290	156.013	1.002	14.775
1/17/2017 12:20:00 AM	440400.000	12.832	17.686
29.248	6410.491	7451.405	4.149
5066.956	155.994	1.002	14.775
1/17/2017 12:25:00 AM	440700.000	12.826	17.686
29.235	6412.007	7453.198	4.150
5068.175	155.957	1.002	14.776
1/17/2017 12:30:00 AM	441000.000	12.826	17.686
29.234	6412.219	7453.457	4.150
5068.351	155.952	1.002	14.776
1/17/2017 12:35:00 AM	441300.000	12.833	17.686
29.249	6415.237	7456.880	4.152
5070.678	155.879	1.002	14.776
1/17/2017 12:40:00 AM	441600.000	12.832	17.686
29.248	6416.750	7458.766	4.153
5071.961	155.842	1.002	14.776
1/17/2017 12:45:00 AM	441900.000	12.827	17.686
29.237	6416.793	7458.718	4.153
5071.929	155.841	1.002	14.775
1/17/2017 12:50:00 AM	442200.000	12.830	17.686
29.244	6418.473	7460.698	4.154
5073.275	155.800	1.002	14.777
1/17/2017 12:55:00 AM	442500.000	12.830	17.686
29.244	6419.136	7461.425	4.155
5073.769	155.784	1.002	14.778
1/17/2017 1:00:00 AM	442800.000	12.825	17.686
29.232	6419.888	7462.328	4.155
5074.383	155.766	1.002	14.780
1/17/2017 1:05:00 AM	443100.000	12.828	17.686
29.240	6420.647	7463.253	4.156
5075.013	155.748	1.002	14.778
1/17/2017 1:10:00 AM	443400.000	12.835	17.686
29.254	6421.830	7464.572	4.157
5075.909	155.719	1.002	14.776
1/17/2017 1:15:00 AM	443700.000	12.838	17.687
29.261	6424.540	7467.650	4.158
5078.002	155.653	1.002	14.774
1/17/2017 1:20:00 AM	444000.000	12.833	17.686
29.251	6424.735	7467.920	4.159
5078.187	155.648	1.002	14.774

1/17/2017 1:25:00 AM	444300.000	12.837	17.686
29.260	6426.070	7469.485	4.160
5079.250	155.616	1.002	14.774
1/17/2017 1:30:00 AM	444600.000	12.833	17.686
29.251	6425.701	7469.100	4.159
5078.989	155.625	1.002	14.775
1/17/2017 1:35:00 AM	444900.000	12.832	17.686
29.248	6426.949	7470.522	4.160
5079.956	155.595	1.002	14.777
1/17/2017 1:40:00 AM	445200.000	12.834	17.686
29.253	6428.430	7472.330	4.161
5081.185	155.559	1.002	14.780
1/17/2017 1:45:00 AM	445500.000	12.829	17.686
29.241	6427.807	7471.491	4.161
5080.614	155.574	1.002	14.782
1/17/2017 1:50:00 AM	445800.000	12.836	17.687
29.256	6429.114	7472.967	4.162
5081.618	155.542	1.002	14.781
1/17/2017 1:55:00 AM	446100.000	12.835	17.686
29.254	6431.236	7475.506	4.163
5083.344	155.491	1.002	14.780
1/17/2017 2:00:00 AM	446400.000	12.841	17.686
29.268	6431.214	7475.464	4.163
5083.316	155.492	1.002	14.780
1/17/2017 2:05:00 AM	446700.000	12.842	17.686
29.271	6431.854	7476.208	4.164
5083.821	155.476	1.002	14.778
1/17/2017 2:10:00 AM	447000.000	12.844	17.686
29.276	6432.103	7476.569	4.164
5084.068	155.470	1.002	14.777
1/17/2017 2:15:00 AM	447300.000	12.841	17.686
29.268	6433.387	7478.006	4.165
5085.045	155.439	1.002	14.775
1/17/2017 2:20:00 AM	447600.000	12.840	17.686
29.266	6434.316	7479.086	4.165
5085.779	155.417	1.002	14.775
1/17/2017 2:25:00 AM	447900.000	12.839	17.687
29.263	6434.183	7478.873	4.165
5085.634	155.420	1.002	14.775
1/17/2017 2:30:00 AM	448200.000	12.842	17.686
29.272	6434.313	7479.110	4.165
5085.795	155.417	1.002	14.775
1/17/2017 2:35:00 AM	448500.000	12.843	17.686
29.274	6433.762	7478.413	4.165
5085.321	155.430	1.002	14.774
1/17/2017 2:40:00 AM	448800.000	12.843	17.686
29.273	6435.050	7479.983	4.166
5086.389	155.399	1.002	14.773
1/17/2017 2:45:00 AM	449100.000	12.838	17.686
29.261	6436.476	7481.667	4.167
5087.535	155.365	1.002	14.772
1/17/2017 2:50:00 AM	449400.000	12.836	17.686
29.257	6436.828	7482.077	4.167
5087.813	155.356	1.002	14.773

1/17/2017 2:55:00 AM	449700.000	12.839	17.687
29.264	6436.201	7481.233	4.167
5087.238	155.371	1.002	14.775
1/17/2017 3:00:00 AM	450000.000	12.836	17.686
29.257	6436.914	7482.105	4.167
5087.832	155.354	1.002	14.777
1/17/2017 3:05:00 AM	450300.000	12.833	17.686
29.251	6436.819	7481.966	4.167
5087.738	155.356	1.002	14.777
1/17/2017 3:10:00 AM	450600.000	12.838	17.686
29.261	6437.680	7482.996	4.168
5088.438	155.335	1.002	14.777
1/17/2017 3:15:00 AM	450900.000	12.838	17.686
29.261	6437.308	7482.607	4.167
5088.173	155.344	1.002	14.777
1/17/2017 3:20:00 AM	451200.000	12.836	17.686
29.258	6436.209	7481.270	4.167
5087.264	155.371	1.002	14.774
1/17/2017 3:25:00 AM	451500.000	12.841	17.687
29.268	6438.431	7483.810	4.168
5088.991	155.317	1.002	14.770
1/17/2017 3:30:00 AM	451800.000	12.851	17.686
29.292	6437.862	7483.235	4.168
5088.600	155.331	1.002	14.767
1/17/2017 3:35:00 AM	452100.000	12.844	17.687
29.275	6437.622	7482.841	4.168
5088.332	155.337	1.002	14.770
1/17/2017 3:40:00 AM	452400.000	12.846	17.687
29.280	6437.777	7483.037	4.168
5088.466	155.333	1.002	14.773
1/17/2017 3:45:00 AM	452700.000	12.838	17.686
29.263	6436.833	7482.039	4.167
5087.787	155.356	1.002	14.776
1/17/2017 3:50:00 AM	453000.000	12.846	17.686
29.279	6437.549	7482.872	4.168
5088.353	155.339	1.002	14.776
1/17/2017 3:55:00 AM	453300.000	12.841	17.686
29.268	6438.427	7483.848	4.168
5089.017	155.317	1.002	14.775
1/17/2017 4:00:00 AM	453600.000	12.844	17.686
29.275	6437.811	7483.119	4.168
5088.521	155.332	1.002	14.775
1/17/2017 4:05:00 AM	453900.000	12.849	17.687
29.287	6437.448	7482.667	4.167
5088.214	155.341	1.002	14.776
1/17/2017 4:10:00 AM	454200.000	12.846	17.686
29.281	6437.278	7482.500	4.167
5088.101	155.345	1.002	14.777
1/17/2017 4:15:00 AM	454500.000	12.843	17.686
29.274	6439.475	7485.066	4.169
5089.845	155.292	1.002	14.778
1/17/2017 4:20:00 AM	454800.000	12.847	17.686
29.283	6437.505	7482.764	4.167
5088.280	155.340	1.002	14.776

1/17/2017 4:25:00 AM	455100.000	12.847	17.685
29.281	6437.664	7483.122	4.168
5088.523	155.336	1.002	14.775
1/17/2017 4:30:00 AM	455400.000	12.847	17.687
29.283	6438.872	7484.310	4.168
5089.331	155.307	1.002	14.773
1/17/2017 4:35:00 AM	455700.000	12.845	17.687
29.278	6439.334	7484.859	4.169
5089.705	155.296	1.002	14.774
1/17/2017 4:40:00 AM	456000.000	12.847	17.687
29.281	6437.367	7482.545	4.167
5088.131	155.343	1.002	14.774
1/17/2017 4:45:00 AM	456300.000	12.842	17.687
29.271	6438.127	7483.457	4.168
5088.751	155.325	1.002	14.774
1/17/2017 4:50:00 AM	456600.000	12.844	17.687
29.276	6437.789	7483.079	4.168
5088.494	155.333	1.002	14.777
1/17/2017 4:55:00 AM	456900.000	12.843	17.686
29.272	6437.445	7482.694	4.167
5088.232	155.341	1.002	14.781
1/17/2017 5:00:00 AM	457200.000	12.841	17.686
29.268	6437.891	7483.224	4.168
5088.593	155.330	1.002	14.784
1/17/2017 5:05:00 AM	457500.000	12.843	17.687
29.274	6437.380	7482.604	4.167
5088.170	155.343	1.002	14.780
1/17/2017 5:10:00 AM	457800.000	12.845	17.686
29.277	6436.521	7481.663	4.167
5087.531	155.363	1.002	14.775
1/17/2017 5:15:00 AM	458100.000	12.851	17.686
29.290	6437.968	7483.331	4.168
5088.666	155.329	1.002	14.770
1/17/2017 5:20:00 AM	458400.000	12.848	17.687
29.285	6438.250	7483.587	4.168
5088.839	155.322	1.002	14.772
1/17/2017 5:25:00 AM	458700.000	12.847	17.687
29.282	6438.853	7484.244	4.168
5089.286	155.307	1.002	14.773
1/17/2017 5:30:00 AM	459000.000	12.846	17.687
29.280	6436.609	7481.664	4.167
5087.532	155.361	1.002	14.775
1/17/2017 5:35:00 AM	459300.000	12.854	17.686
29.299	6438.156	7483.533	4.168
5088.802	155.324	1.002	14.775
1/17/2017 5:40:00 AM	459600.000	12.850	17.687
29.289	6437.247	7482.449	4.167
5088.065	155.346	1.002	14.774
1/17/2017 5:45:00 AM	459900.000	12.852	17.686
29.295	6437.106	7482.373	4.167
5088.014	155.349	1.002	14.773
1/17/2017 5:50:00 AM	460200.000	12.850	17.687
29.288	6435.575	7480.447	4.166
5086.704	155.386	1.002	14.773

1/17/2017 5:55:00 AM	460500.000	12.851	17.686
29.291	6436.699	7481.839	4.167
5087.651	155.359	1.002	14.772
1/17/2017 6:00:00 AM	460800.000	12.855	17.687
29.300	6435.133	7479.992	4.166
5086.395	155.397	1.002	14.772
1/17/2017 6:05:00 AM	461100.000	12.853	17.686
29.296	6437.002	7482.222	4.167
5087.911	155.352	1.002	14.772
1/17/2017 6:10:00 AM	461400.000	12.850	17.687
29.289	6435.729	7480.641	4.166
5086.836	155.383	1.002	14.772
1/17/2017 6:15:00 AM	461700.000	12.849	17.686
29.288	6435.540	7480.580	4.166
5086.794	155.387	1.002	14.773
1/17/2017 6:20:00 AM	462000.000	12.852	17.686
29.293	6435.322	7480.238	4.166
5086.562	155.392	1.002	14.773
1/17/2017 6:25:00 AM	462300.000	12.854	17.687
29.298	6434.331	7478.971	4.165
5085.701	155.416	1.002	14.773
1/17/2017 6:30:00 AM	462600.000	12.854	17.686
29.298	6435.665	7480.625	4.166
5086.825	155.384	1.002	14.773
1/17/2017 6:35:00 AM	462900.000	12.848	17.687
29.285	6435.172	7480.037	4.166
5086.425	155.396	1.002	14.774
1/17/2017 6:40:00 AM	463200.000	12.854	17.686
29.298	6434.384	7479.178	4.165
5085.841	155.415	1.002	14.775
1/17/2017 6:45:00 AM	463500.000	12.855	17.686
29.300	6433.586	7478.208	4.165
5085.182	155.434	1.002	14.775
1/17/2017 6:50:00 AM	463800.000	12.854	17.687
29.299	6434.086	7478.674	4.165
5085.499	155.422	1.002	14.774
1/17/2017 6:55:00 AM	464100.000	12.855	17.687
29.300	6433.782	7478.421	4.165
5085.327	155.430	1.002	14.773
1/17/2017 7:00:00 AM	464400.000	12.855	17.686
29.301	6429.886	7473.919	4.162
5082.265	155.524	1.002	14.773
1/17/2017 7:05:00 AM	464700.000	12.853	17.686
29.297	6424.784	7468.034	4.159
5078.263	155.647	1.002	14.775
1/17/2017 7:10:00 AM	465000.000	12.852	17.687
29.294	6417.516	7459.427	4.154
5072.411	155.824	1.002	14.778
1/17/2017 7:15:00 AM	465300.000	12.853	17.687
29.295	6410.720	7451.572	4.149
5067.069	155.989	1.002	14.781
1/17/2017 7:20:00 AM	465600.000	12.854	17.686
29.299	6405.021	7445.017	4.145
5062.612	156.128	1.002	14.779

1/17/2017 7:25:00 AM	465900.000	12.852	17.686
29.293	6398.518	7437.446	4.140
5057.464	156.286	1.002	14.777
1/17/2017 7:30:00 AM	466200.000	12.850	17.687
29.288	6394.909	7433.221	4.138
5054.591	156.374	1.002	14.775
1/17/2017 7:35:00 AM	466500.000	12.855	17.687
29.300	6389.871	7427.365	4.134
5050.608	156.498	1.002	14.776
1/17/2017 7:40:00 AM	466800.000	12.847	17.687
29.283	6383.722	7420.190	4.130
5045.729	156.648	1.002	14.778
1/17/2017 7:45:00 AM	467100.000	12.849	17.686
29.287	6380.225	7416.183	4.128
5043.004	156.734	1.002	14.780
1/17/2017 7:50:00 AM	467400.000	12.851	17.687
29.292	6376.986	7412.332	4.126
5040.386	156.814	1.002	14.776
1/17/2017 7:55:00 AM	467700.000	12.854	17.687
29.299	6371.669	7406.152	4.122
5036.184	156.945	1.002	14.773
1/17/2017 8:00:00 AM	468000.000	12.853	17.686
29.296	6366.678	7400.449	4.118
5032.306	157.068	1.002	14.769
1/17/2017 8:05:00 AM	468300.000	12.851	17.687
29.292	6362.337	7395.349	4.115
5028.837	157.175	1.002	14.769
1/17/2017 8:10:00 AM	468600.000	12.855	17.687
29.300	6359.083	7391.566	4.113
5026.265	157.255	1.002	14.768
1/17/2017 8:15:00 AM	468900.000	12.845	17.686
29.279	6356.242	7388.318	4.111
5024.057	157.326	1.002	14.767
1/17/2017 8:20:00 AM	469200.000	12.841	17.686
29.269	6353.728	7385.383	4.110
5022.061	157.388	1.002	14.761
1/17/2017 8:25:00 AM	469500.000	12.851	17.686
29.292	6349.644	7380.678	4.107
5018.861	157.489	1.002	14.755
1/17/2017 8:30:00 AM	469800.000	12.863	17.687
29.320	6346.114	7376.491	4.104
5016.015	157.577	1.002	14.749
1/17/2017 8:35:00 AM	470100.000	12.861	17.686
29.315	6341.567	7371.305	4.101
5012.487	157.690	1.002	14.751
1/17/2017 8:40:00 AM	470400.000	12.860	17.686
29.313	6338.935	7368.217	4.099
5010.388	157.755	1.002	14.754
1/17/2017 8:45:00 AM	470700.000	12.865	17.686
29.323	6335.690	7364.446	4.097
5007.823	157.836	1.002	14.756
1/17/2017 8:50:00 AM	471000.000	12.862	17.687
29.316	6333.865	7362.266	4.096
5006.341	157.881	1.002	14.760

1/17/2017 8:55:00 AM	471300.000	12.853	17.686
29.296	6331.109	7359.121	4.094
5004.202	157.950	1.002	14.765
1/17/2017 9:00:00 AM	471600.000	12.848	17.686
29.284	6328.386	7355.956	4.092
5002.050	158.018	1.002	14.770
1/17/2017 9:05:00 AM	471900.000	12.850	17.687
29.288	6325.430	7352.448	4.090
4999.665	158.092	1.002	14.771
1/17/2017 9:10:00 AM	472200.000	12.851	17.686
29.291	6321.529	7348.028	4.087
4996.659	158.190	1.002	14.773
1/17/2017 9:15:00 AM	472500.000	12.859	17.686
29.310	6320.985	7347.353	4.087
4996.201	158.203	1.002	14.774
1/17/2017 9:20:00 AM	472800.000	12.853	17.687
29.296	6318.360	7344.216	4.085
4994.067	158.269	1.002	14.781
1/17/2017 9:25:00 AM	473100.000	12.850	17.686
29.289	6316.950	7342.675	4.084
4993.019	158.304	1.002	14.788
1/17/2017 9:30:00 AM	473400.000	12.847	17.687
29.283	6314.249	7339.480	4.082
4990.847	158.372	1.002	14.795
1/17/2017 9:35:00 AM	473700.000	12.849	17.686
29.287	6312.396	7337.353	4.081
4989.400	158.418	1.002	14.797
1/17/2017 9:40:00 AM	474000.000	12.848	17.686
29.285	6310.071	7334.651	4.079
4987.563	158.477	1.002	14.799
1/17/2017 9:45:00 AM	474300.000	12.848	17.687
29.285	6309.387	7333.742	4.079
4986.945	158.494	1.002	14.802
1/17/2017 9:50:00 AM	474600.000	12.855	17.687
29.300	6307.534	7331.659	4.078
4985.528	158.541	1.002	14.801
1/17/2017 9:55:00 AM	474900.000	12.854	17.686
29.299	6304.078	7327.684	4.075
4982.825	158.627	1.002	14.801
1/17/2017 10:00:00 AM	475200.000	12.848	17.687
29.285	6303.365	7326.771	4.075
4982.205	158.645	1.002	14.801
1/17/2017 10:05:00 AM	475500.000	12.849	17.687
29.288	6298.933	7321.619	4.072
4978.702	158.757	1.002	14.804
1/17/2017 10:10:00 AM	475800.000	12.848	17.687
29.285	6297.964	7320.509	4.071
4977.946	158.781	1.002	14.808
1/17/2017 10:15:00 AM	476100.000	12.851	17.686
29.291	6297.127	7319.634	4.070
4977.352	158.803	1.002	14.811
1/17/2017 10:20:00 AM	476400.000	12.848	17.686
29.285	6295.039	7317.177	4.069
4975.681	158.855	1.002	14.810

1/17/2017 10:25:00 AM	476700.000	12.850	17.687
29.289	6290.803	7312.200	4.066
4972.296	158.962	1.002	14.808
1/17/2017 10:30:00 AM	477000.000	12.854	17.687
29.298	6288.872	7309.982	4.065
4970.789	159.011	1.002	14.806
1/17/2017 10:35:00 AM	477300.000	12.846	17.687
29.280	6287.115	7307.925	4.063
4969.390	159.055	1.002	14.803
1/17/2017 10:40:00 AM	477600.000	12.844	17.687
29.276	6285.089	7305.515	4.062
4967.750	159.107	1.002	14.800
1/17/2017 10:45:00 AM	477900.000	12.849	17.686
29.287	6284.043	7304.385	4.061
4966.982	159.133	1.002	14.797
1/17/2017 10:50:00 AM	478200.000	12.851	17.687
29.292	6280.405	7300.140	4.059
4964.096	159.225	1.002	14.797
1/17/2017 10:55:00 AM	478500.000	12.850	17.687
29.289	6278.626	7298.016	4.058
4962.651	159.271	1.002	14.797
1/17/2017 11:00:00 AM	478800.000	12.849	17.686
29.288	6276.893	7296.102	4.056
4961.350	159.314	1.002	14.797
1/17/2017 11:05:00 AM	479100.000	12.855	17.687
29.301	6273.265	7291.799	4.054
4958.424	159.407	1.002	14.795
1/17/2017 11:10:00 AM	479400.000	12.856	17.686
29.303	6270.553	7288.745	4.052
4956.347	159.476	1.002	14.793
1/17/2017 11:15:00 AM	479700.000	12.853	17.687
29.296	6269.446	7287.375	4.051
4955.415	159.504	1.002	14.790
1/17/2017 11:20:00 AM	480000.000	12.854	17.686
29.299	6268.545	7286.370	4.051
4954.732	159.527	1.002	14.791
1/17/2017 11:25:00 AM	480300.000	12.859	17.686
29.309	6266.046	7283.465	4.049
4952.756	159.590	1.002	14.792
1/17/2017 11:30:00 AM	480600.000	12.855	17.687
29.301	6263.717	7280.716	4.047
4950.888	159.650	1.002	14.792
1/17/2017 11:35:00 AM	480900.000	12.854	17.687
29.297	6262.416	7279.231	4.046
4949.877	159.683	1.002	14.792
1/17/2017 11:40:00 AM	481200.000	12.852	17.686
29.293	6258.629	7274.843	4.044
4946.894	159.779	1.002	14.792
1/17/2017 11:45:00 AM	481500.000	12.849	17.687
29.288	6256.191	7271.925	4.042
4944.909	159.842	1.002	14.792
1/17/2017 11:50:00 AM	481800.000	12.850	17.686
29.289	6253.871	7269.313	4.040
4943.132	159.901	1.002	14.790

1/17/2017 11:55:00 AM	482100.000	12.845	17.687
29.278	6252.683	7267.902	4.040
4942.174	159.931	1.002	14.789
1/17/2017 12:00:00 PM	482400.000	12.853	17.686
29.297	6251.509	7266.567	4.039
4941.267	159.961	1.002	14.787
1/17/2017 12:05:00 PM	482700.000	12.847	17.687
29.282	6249.817	7264.586	4.038
4939.919	160.005	1.002	14.787
1/17/2017 12:10:00 PM	483000.000	12.851	17.687
29.291	6247.429	7261.769	4.036
4938.003	160.066	1.002	14.788
1/17/2017 12:15:00 PM	483300.000	12.845	17.687
29.278	6245.571	7259.650	4.035
4936.563	160.113	1.002	14.788
1/17/2017 12:20:00 PM	483600.000	12.847	17.686
29.282	6243.998	7257.837	4.034
4935.330	160.154	1.002	14.784
1/17/2017 12:25:00 PM	483900.000	12.855	17.687
29.300	6243.621	7257.357	4.033
4935.003	160.163	1.002	14.781
1/17/2017 12:30:00 PM	484200.000	12.852	17.687
29.293	6239.738	7252.844	4.031
4931.934	160.263	1.002	14.778
1/17/2017 12:35:00 PM	484500.000	12.854	17.687
29.299	6239.684	7252.766	4.031
4931.881	160.265	1.002	14.778
1/17/2017 12:40:00 PM	484800.000	12.847	17.687
29.283	6236.538	7249.109	4.028
4929.395	160.345	1.002	14.778
1/17/2017 12:45:00 PM	485100.000	12.851	17.687
29.291	6235.891	7248.372	4.028
4928.893	160.362	1.002	14.778
1/17/2017 12:50:00 PM	485400.000	12.849	17.686
29.286	6235.040	7247.536	4.028
4928.325	160.384	1.002	14.778
1/17/2017 12:55:00 PM	485700.000	12.852	17.687
29.293	6232.272	7244.123	4.025
4926.003	160.455	1.002	14.778
1/17/2017 1:00:00 PM	486000.000	12.849	17.686
29.288	6231.773	7243.627	4.025
4925.667	160.468	1.002	14.778
1/17/2017 1:05:00 PM	486300.000	12.847	17.686
29.282	6230.292	7241.946	4.024
4924.524	160.506	1.002	14.775
1/17/2017 1:10:00 PM	486600.000	12.849	17.686
29.287	6227.008	7238.143	4.022
4921.938	160.591	1.002	14.772
1/17/2017 1:15:00 PM	486900.000	12.856	17.686
29.303	6227.101	7238.236	4.022
4922.001	160.588	1.002	14.769
1/17/2017 1:20:00 PM	487200.000	12.853	17.687
29.297	6225.909	7236.754	4.021
4920.993	160.619	1.002	14.769

1/17/2017 1:25:00 PM	487500.000	12.854	17.686
29.297	6224.294	7234.962	4.020
4919.774	160.661	1.002	14.769
1/17/2017 1:30:00 PM	487800.000	12.851	17.686
29.290	6221.522	7231.711	4.018
4917.564	160.732	1.002	14.768
1/17/2017 1:35:00 PM	488100.000	12.856	17.686
29.302	6221.514	7231.742	4.018
4917.585	160.733	1.002	14.768
1/17/2017 1:40:00 PM	488400.000	12.854	17.687
29.299	6219.017	7228.758	4.016
4915.556	160.797	1.002	14.768
1/17/2017 1:45:00 PM	488700.000	12.852	17.687
29.294	6217.945	7227.524	4.016
4914.717	160.825	1.002	14.768
1/17/2017 1:50:00 PM	489000.000	12.851	17.687
29.291	6217.027	7226.375	4.015
4913.936	160.849	1.002	14.770
1/17/2017 1:55:00 PM	489300.000	12.846	17.687
29.281	6213.897	7222.819	4.013
4911.517	160.930	1.002	14.772
1/17/2017 2:00:00 PM	489600.000	12.847	17.687
29.283	6214.100	7223.013	4.013
4911.649	160.924	1.002	14.774
1/17/2017 2:05:00 PM	489900.000	12.850	17.686
29.289	6213.669	7222.596	4.013
4911.366	160.936	1.002	14.774
1/17/2017 2:10:00 PM	490200.000	12.845	17.686
29.278	6210.771	7219.255	4.011
4909.094	161.011	1.002	14.774
1/17/2017 2:15:00 PM	490500.000	12.852	17.687
29.294	6210.472	7218.853	4.010
4908.821	161.018	1.002	14.774
1/17/2017 2:20:00 PM	490800.000	12.853	17.686
29.297	6208.575	7216.717	4.009
4907.368	161.068	1.002	14.773
1/17/2017 2:25:00 PM	491100.000	12.847	17.687
29.283	6208.589	7216.580	4.009
4907.275	161.067	1.002	14.771
1/17/2017 2:30:00 PM	491400.000	12.849	17.686
29.287	6206.987	7214.845	4.008
4906.095	161.109	1.002	14.770
1/17/2017 2:35:00 PM	491700.000	12.848	17.686
29.286	6206.871	7214.709	4.008
4906.002	161.112	1.002	14.771
1/17/2017 2:40:00 PM	492000.000	12.849	17.687
29.287	6204.521	7211.894	4.006
4904.088	161.173	1.002	14.773
1/17/2017 2:45:00 PM	492300.000	12.850	17.686
29.288	6202.915	7210.153	4.005
4902.904	161.215	1.002	14.774
1/17/2017 2:50:00 PM	492600.000	12.851	17.686
29.292	6202.597	7209.714	4.005
4902.605	161.223	1.002	14.774

1/17/2017 2:55:00 PM	492900.000	12.852	17.686
29.294	6202.777	7209.978	4.005
4902.785	161.218	1.002	14.773
1/17/2017 3:00:00 PM	493200.000	12.851	17.686
29.292	6202.256	7209.428	4.005
4902.412	161.232	1.002	14.772
1/17/2017 3:05:00 PM	493500.000	12.851	17.686
29.292	6200.665	7207.468	4.004
4901.078	161.273	1.002	14.774
1/17/2017 3:10:00 PM	493800.000	12.845	17.687
29.278	6199.728	7206.364	4.003
4900.328	161.297	1.002	14.776
1/17/2017 3:15:00 PM	494100.000	12.843	17.686
29.274	6199.279	7205.912	4.003
4900.020	161.309	1.002	14.779
1/17/2017 3:20:00 PM	494400.000	12.846	17.687
29.280	6198.917	7205.394	4.002
4899.668	161.319	1.002	14.776
1/17/2017 3:25:00 PM	494700.000	12.846	17.687
29.279	6199.339	7205.886	4.003
4900.002	161.308	1.002	14.774
1/17/2017 3:30:00 PM	495000.000	12.848	17.686
29.284	6196.464	7202.584	4.001
4897.757	161.382	1.002	14.772
1/17/2017 3:35:00 PM	495300.000	12.854	17.686
29.298	6195.904	7201.946	4.000
4897.324	161.397	1.002	14.772
1/17/2017 3:40:00 PM	495600.000	12.855	17.686
29.301	6195.898	7201.967	4.000
4897.338	161.397	1.002	14.771
1/17/2017 3:45:00 PM	495900.000	12.854	17.687
29.298	6193.556	7199.190	3.999
4895.450	161.458	1.002	14.771
1/17/2017 3:50:00 PM	496200.000	12.847	17.687
29.283	6194.951	7200.785	4.000
4896.534	161.422	1.002	14.772
1/17/2017 3:55:00 PM	496500.000	12.853	17.687
29.296	6192.964	7198.433	3.998
4894.935	161.474	1.002	14.774
1/17/2017 4:00:00 PM	496800.000	12.847	17.686
29.283	6193.622	7199.293	3.999
4895.520	161.456	1.002	14.775
1/17/2017 4:05:00 PM	497100.000	12.848	17.687
29.284	6191.501	7196.801	3.997
4893.825	161.512	1.002	14.779
1/17/2017 4:10:00 PM	497400.000	12.839	17.687
29.264	6193.420	7199.005	3.999
4895.323	161.462	1.002	14.782
1/17/2017 4:15:00 PM	497700.000	12.842	17.686
29.271	6190.807	7196.009	3.997
4893.286	161.530	1.002	14.786
1/17/2017 4:20:00 PM	498000.000	12.837	17.686
29.260	6190.859	7196.098	3.997
4893.347	161.528	1.002	14.788

1/17/2017 4:25:00 PM	498300.000	12.838	17.687
29.261	6191.321	7196.578	3.997
4893.673	161.516	1.002	14.789
1/17/2017 4:30:00 PM	498600.000	12.840	17.686
29.266	6190.925	7196.147	3.997
4893.380	161.527	1.002	14.790
1/17/2017 4:35:00 PM	498900.000	12.838	17.687
29.263	6189.284	7194.183	3.996
4892.044	161.570	1.002	14.787
1/17/2017 4:40:00 PM	499200.000	12.848	17.686
29.284	6188.275	7193.066	3.995
4891.286	161.596	1.002	14.784
1/17/2017 4:45:00 PM	499500.000	12.851	17.687
29.292	6188.993	7193.845	3.996
4891.815	161.577	1.002	14.780
1/17/2017 4:50:00 PM	499800.000	12.849	17.686
29.287	6187.266	7191.948	3.994
4890.525	161.622	1.002	14.783
1/17/2017 4:55:00 PM	500100.000	12.846	17.687
29.280	6188.993	7193.816	3.996
4891.795	161.577	1.002	14.786
1/17/2017 5:00:00 PM	500400.000	12.847	17.686
29.283	6187.121	7191.724	3.994
4890.373	161.626	1.002	14.789
1/17/2017 5:05:00 PM	500700.000	12.846	17.687
29.281	6188.150	7192.907	3.995
4891.177	161.599	1.002	14.790
1/17/2017 5:10:00 PM	501000.000	12.847	17.687
29.283	6189.190	7194.101	3.996
4891.989	161.572	1.002	14.792
1/17/2017 5:15:00 PM	501300.000	12.842	17.686
29.270	6187.232	7191.866	3.994
4890.469	161.623	1.002	14.794
1/17/2017 5:20:00 PM	501600.000	12.840	17.687
29.267	6187.123	7191.686	3.994
4890.347	161.626	1.002	14.794
1/17/2017 5:25:00 PM	501900.000	12.841	17.686
29.268	6184.876	7189.116	3.993
4888.599	161.685	1.002	14.794
1/17/2017 5:30:00 PM	502200.000	12.840	17.686
29.267	6184.836	7189.069	3.993
4888.567	161.686	1.002	14.794
1/17/2017 5:35:00 PM	502500.000	12.846	17.686
29.279	6184.654	7188.869	3.993
4888.432	161.691	1.002	14.793
1/17/2017 5:40:00 PM	502800.000	12.846	17.686
29.281	6184.059	7188.248	3.992
4888.009	161.706	1.002	14.792
1/17/2017 5:45:00 PM	503100.000	12.849	17.686
29.286	6183.922	7188.062	3.992
4887.882	161.710	1.002	14.791
1/17/2017 5:50:00 PM	503400.000	12.842	17.687
29.272	6183.886	7187.950	3.992
4887.806	161.711	1.002	14.791

1/17/2017 5:55:00 PM	503700.000	12.846	17.687
29.280	6183.464	7187.445	3.992
4887.462	161.722	1.002	14.790
1/17/2017 6:00:00 PM	504000.000	12.848	17.687
29.285	6184.028	7188.101	3.992
4887.909	161.707	1.002	14.790
1/17/2017 6:05:00 PM	504300.000	12.839	17.687
29.265	6182.768	7186.581	3.991
4886.875	161.740	1.002	14.793
1/17/2017 6:10:00 PM	504600.000	12.837	17.687
29.260	6183.181	7187.061	3.992
4887.202	161.729	1.002	14.797
1/17/2017 6:15:00 PM	504900.000	12.835	17.686
29.254	6181.755	7185.500	3.991
4886.140	161.766	1.002	14.800
1/17/2017 6:20:00 PM	505200.000	12.838	17.687
29.261	6182.626	7186.459	3.991
4886.792	161.744	1.002	14.799
1/17/2017 6:25:00 PM	505500.000	12.840	17.686
29.265	6179.948	7183.468	3.989
4884.758	161.814	1.002	14.798
1/17/2017 6:30:00 PM	505800.000	12.845	17.687
29.279	6183.160	7187.037	3.992
4887.185	161.730	1.002	14.796
1/17/2017 6:35:00 PM	506100.000	12.839	17.686
29.264	6179.388	7182.764	3.989
4884.280	161.828	1.002	14.796
1/17/2017 6:40:00 PM	506400.000	12.843	17.687
29.272	6179.278	7182.579	3.989
4884.154	161.831	1.002	14.796
1/17/2017 6:45:00 PM	506700.000	12.841	17.686
29.268	6179.519	7182.928	3.989
4884.391	161.825	1.002	14.796
1/17/2017 6:50:00 PM	507000.000	12.836	17.686
29.258	6180.670	7184.267	3.990
4885.302	161.795	1.002	14.797
1/17/2017 6:55:00 PM	507300.000	12.842	17.686
29.270	6178.088	7181.225	3.988
4883.233	161.862	1.002	14.797
1/17/2017 7:00:00 PM	507600.000	12.836	17.686
29.258	6180.152	7183.679	3.990
4884.902	161.808	1.002	14.797
1/17/2017 7:05:00 PM	507900.000	12.843	17.686
29.273	6179.334	7182.824	3.989
4884.321	161.830	1.002	14.796
1/17/2017 7:10:00 PM	508200.000	12.843	17.686
29.274	6178.160	7181.336	3.988
4883.309	161.861	1.002	14.795
1/17/2017 7:15:00 PM	508500.000	12.845	17.687
29.278	6177.707	7180.740	3.988
4882.904	161.872	1.002	14.794
1/17/2017 7:20:00 PM	508800.000	12.844	17.686
29.275	6177.056	7180.066	3.987
4882.445	161.889	1.002	14.795

1/17/2017 7:25:00 PM	509100.000	12.837	17.687
29.261	6178.336	7181.472	3.988
4883.401	161.856	1.002	14.796
1/17/2017 7:30:00 PM	509400.000	12.841	17.686
29.269	6176.479	7179.355	3.987
4881.962	161.905	1.002	14.798
1/17/2017 7:35:00 PM	509700.000	12.842	17.686
29.271	6176.574	7179.520	3.987
4882.073	161.902	1.002	14.799
1/17/2017 7:40:00 PM	510000.000	12.841	17.687
29.269	6176.156	7178.965	3.987
4881.697	161.913	1.002	14.800
1/17/2017 7:45:00 PM	510300.000	12.837	17.687
29.260	6176.460	7179.304	3.987
4881.927	161.905	1.002	14.801
1/17/2017 7:50:00 PM	510600.000	12.837	17.686
29.259	6175.605	7178.367	3.986
4881.290	161.927	1.002	14.801
1/17/2017 7:55:00 PM	510900.000	12.840	17.687
29.266	6175.510	7178.187	3.986
4881.167	161.930	1.002	14.802
1/17/2017 8:00:00 PM	511200.000	12.834	17.687
29.253	6176.950	7179.888	3.987
4882.324	161.892	1.002	14.802
1/17/2017 8:05:00 PM	511500.000	12.839	17.686
29.264	6174.847	7177.470	3.986
4880.680	161.947	1.002	14.803
1/17/2017 8:10:00 PM	511800.000	12.832	17.686
29.249	6176.720	7179.663	3.987
4882.171	161.898	1.002	14.804
1/17/2017 8:15:00 PM	512100.000	12.838	17.686
29.262	6176.164	7179.000	3.987
4881.721	161.913	1.002	14.805
1/17/2017 8:20:00 PM	512400.000	12.838	17.687
29.262	6175.651	7178.351	3.986
4881.279	161.926	1.002	14.805
1/17/2017 8:25:00 PM	512700.000	12.839	17.687
29.264	6175.444	7178.082	3.986
4881.096	161.932	1.002	14.805
1/17/2017 8:30:00 PM	513000.000	12.840	17.686
29.267	6174.349	7176.891	3.986
4880.286	161.960	1.002	14.805
1/17/2017 8:35:00 PM	513300.000	12.834	17.687
29.253	6175.969	7178.706	3.987
4881.521	161.918	1.002	14.805
1/17/2017 8:40:00 PM	513600.000	12.834	17.686
29.252	6174.127	7176.621	3.985
4880.103	161.966	1.002	14.805
1/17/2017 8:45:00 PM	513900.000	12.837	17.687
29.259	6175.942	7178.675	3.987
4881.500	161.919	1.002	14.806
1/17/2017 8:50:00 PM	514200.000	12.834	17.687
29.252	6175.307	7177.978	3.986
4881.025	161.935	1.002	14.804

1/17/2017 8:55:00 PM	514500.000	12.833	17.686
29.251	6174.642	7177.315	3.986
4880.575	161.953	1.002	14.803
1/17/2017 9:00:00 PM	514800.000	12.838	17.686
29.262	6174.533	7177.105	3.986
4880.432	161.956	1.002	14.802
1/17/2017 9:05:00 PM	515100.000	12.835	17.687
29.255	6173.761	7176.181	3.985
4879.804	161.976	1.002	14.800
1/17/2017 9:10:00 PM	515400.000	12.834	17.687
29.252	6173.094	7175.379	3.985
4879.258	161.993	1.002	14.798
1/17/2017 9:15:00 PM	515700.000	12.836	17.686
29.257	6173.477	7175.893	3.985
4879.608	161.983	1.002	14.795
1/17/2017 9:20:00 PM	516000.000	12.837	17.686
29.260	6173.062	7175.411	3.985
4879.280	161.994	1.002	14.795
1/17/2017 9:25:00 PM	516300.000	12.843	17.687
29.272	6173.931	7176.364	3.985
4879.928	161.971	1.002	14.794
1/17/2017 9:30:00 PM	516600.000	12.840	17.686
29.266	6173.832	7176.332	3.985
4879.906	161.974	1.002	14.794
1/17/2017 9:35:00 PM	516900.000	12.842	17.686
29.271	6172.915	7175.308	3.985
4879.209	161.998	1.002	14.792
1/17/2017 9:40:00 PM	517200.000	12.843	17.686
29.273	6172.941	7175.271	3.985
4879.184	161.997	1.002	14.791
1/17/2017 9:45:00 PM	517500.000	12.844	17.686
29.275	6172.940	7175.253	3.985
4879.173	161.997	1.002	14.790
1/17/2017 9:50:00 PM	517800.000	12.843	17.687
29.274	6172.414	7174.615	3.984
4878.738	162.011	1.002	14.790
1/17/2017 9:55:00 PM	518100.000	12.838	17.686
29.262	6173.252	7175.604	3.985
4879.411	161.989	1.002	14.790
1/17/2017 10:00:00 PM	518400.000	12.842	17.686
29.271	6170.523	7172.487	3.983
4877.291	162.061	1.002	14.790
1/17/2017 10:05:00 PM	518700.000	12.843	17.686
29.274	6172.187	7174.377	3.984
4878.577	162.017	1.002	14.789
1/17/2017 10:10:00 PM	519000.000	12.840	17.687
29.266	6172.096	7174.246	3.984
4878.488	162.020	1.002	14.789
1/17/2017 10:15:00 PM	519300.000	12.846	17.686
29.280	6170.183	7172.091	3.983
4877.022	162.070	1.002	14.788
1/17/2017 10:20:00 PM	519600.000	12.840	17.687
29.267	6172.003	7174.082	3.984
4878.375	162.022	1.002	14.790

1/17/2017 10:25:00 PM	519900.000	12.836	17.687
29.257	6172.567	7174.737	3.984
4878.821	162.007	1.002	14.793
1/17/2017 10:30:00 PM	520200.000	12.834	17.686
29.253	6175.232	7177.905	3.986
4880.976	161.937	1.002	14.795
1/17/2017 10:35:00 PM	520500.000	12.833	17.687
29.252	6181.451	7185.120	3.990
4885.882	161.774	1.002	14.795
1/17/2017 10:40:00 PM	520800.000	12.834	17.687
29.253	6187.849	7192.557	3.995
4890.939	161.607	1.002	14.794
1/17/2017 10:45:00 PM	521100.000	12.840	17.686
29.267	6197.302	7203.599	4.001
4898.448	161.361	1.002	14.794
1/17/2017 10:50:00 PM	521400.000	12.844	17.686
29.275	6204.613	7212.167	4.006
4904.274	161.170	1.002	14.791
1/17/2017 10:55:00 PM	521700.000	12.846	17.686
29.279	6212.979	7221.793	4.012
4910.819	160.953	1.002	14.789
1/17/2017 11:00:00 PM	522000.000	12.849	17.686
29.288	6220.229	7230.220	4.017
4916.550	160.766	1.002	14.787
1/17/2017 11:05:00 PM	522300.000	12.840	17.686
29.266	6226.378	7237.396	4.021
4921.430	160.607	1.002	14.790
1/17/2017 11:10:00 PM	522600.000	12.838	17.686
29.261	6233.075	7245.153	4.026
4926.705	160.434	1.002	14.793
1/17/2017 11:15:00 PM	522900.000	12.832	17.686
29.247	6239.023	7252.095	4.030
4931.425	160.281	1.002	14.797
1/17/2017 11:20:00 PM	523200.000	12.837	17.686
29.259	6243.569	7257.420	4.033
4935.046	160.165	1.002	14.795
1/17/2017 11:25:00 PM	523500.000	12.834	17.686
29.252	6249.026	7263.751	4.037
4939.351	160.025	1.002	14.794
1/17/2017 11:30:00 PM	523800.000	12.840	17.686
29.265	6253.576	7268.970	4.040
4942.900	159.909	1.002	14.792
1/17/2017 11:35:00 PM	524100.000	12.838	17.686
29.261	6257.375	7273.414	4.043
4945.921	159.811	1.002	14.791
1/17/2017 11:40:00 PM	524400.000	12.841	17.686
29.268	6262.302	7279.125	4.046
4949.805	159.686	1.002	14.791
1/17/2017 11:45:00 PM	524700.000	12.835	17.686
29.255	6265.784	7283.201	4.049
4952.577	159.597	1.002	14.790
1/17/2017 11:50:00 PM	525000.000	12.839	17.686
29.264	6268.420	7286.253	4.051
4954.652	159.530	1.002	14.785

1/17/2017 11:55:00 PM	525300.000	12.839	17.686
29.264	6272.914	7291.489	4.054
4958.213	159.416	1.002	14.781
1/18/2017 12:00:00 AM	525600.000	12.845	17.686
29.277	6275.971	7295.099	4.056
4960.667	159.338	1.002	14.777
1/18/2017 12:05:00 AM	525900.000	12.843	17.686
29.272	6278.468	7297.932	4.057
4962.594	159.275	1.002	14.779
1/18/2017 12:10:00 AM	526200.000	12.845	17.686
29.278	6280.634	7300.421	4.059
4964.287	159.220	1.002	14.781
1/18/2017 12:15:00 AM	526500.000	12.845	17.686
29.277	6283.632	7303.918	4.061
4966.665	159.144	1.002	14.783
1/18/2017 12:20:00 AM	526800.000	12.844	17.687
29.276	6287.179	7308.014	4.063
4969.450	159.054	1.002	14.780
1/18/2017 12:25:00 AM	527100.000	12.848	17.687
29.284	6288.208	7309.211	4.064
4970.264	159.028	1.002	14.777
1/18/2017 12:30:00 AM	527400.000	12.846	17.686
29.280	6290.501	7311.919	4.066
4972.105	158.970	1.002	14.775
1/18/2017 12:35:00 AM	527700.000	12.843	17.686
29.273	6292.516	7314.232	4.067
4973.679	158.919	1.002	14.776
1/18/2017 12:40:00 AM	528000.000	12.843	17.686
29.273	6294.323	7316.346	4.068
4975.115	158.873	1.002	14.777
1/18/2017 12:45:00 AM	528300.000	12.846	17.686
29.281	6296.961	7319.412	4.070
4977.201	158.807	1.002	14.779
1/18/2017 12:50:00 AM	528600.000	12.846	17.686
29.281	6299.324	7322.175	4.072
4979.079	158.747	1.002	14.777
1/18/2017 12:55:00 AM	528900.000	12.841	17.686
29.270	6301.613	7324.835	4.073
4980.888	158.690	1.002	14.776
1/18/2017 1:00:00 AM	529200.000	12.846	17.687
29.280	6303.012	7326.418	4.074
4981.964	158.654	1.002	14.775
1/18/2017 1:05:00 AM	529500.000	12.842	17.686
29.271	6305.109	7328.882	4.076
4983.640	158.602	1.002	14.775
1/18/2017 1:10:00 AM	529800.000	12.841	17.686
29.269	6306.021	7330.013	4.077
4984.409	158.579	1.002	14.775
1/18/2017 1:15:00 AM	530100.000	12.845	17.686
29.277	6308.918	7333.310	4.079
4986.651	158.506	1.002	14.775
1/18/2017 1:20:00 AM	530400.000	12.845	17.686
29.277	6309.539	7334.020	4.079
4987.134	158.490	1.002	14.778

1/18/2017 1:25:00 AM	530700.000	12.844	17.687
29.275	6314.166	7339.383	4.082
4990.781	158.374	1.002	14.781
1/18/2017 1:30:00 AM	531000.000	12.848	17.686
29.284	6314.249	7339.578	4.082
4990.914	158.372	1.002	14.784
1/18/2017 1:35:00 AM	531300.000	12.848	17.687
29.283	6317.553	7343.320	4.084
4993.458	158.289	1.002	14.787
1/18/2017 1:40:00 AM	531600.000	12.843	17.686
29.273	6318.173	7344.097	4.085
4993.987	158.274	1.002	14.789
1/18/2017 1:45:00 AM	531900.000	12.844	17.686
29.275	6320.450	7346.731	4.086
4995.778	158.217	1.002	14.792
1/18/2017 1:50:00 AM	532200.000	12.845	17.687
29.279	6321.499	7347.879	4.087
4996.558	158.190	1.002	14.789
1/18/2017 1:55:00 AM	532500.000	12.843	17.686
29.273	6323.850	7350.683	4.089
4998.464	158.132	1.002	14.786
1/18/2017 2:00:00 AM	532800.000	12.853	17.687
29.297	6326.072	7353.195	4.090
5000.173	158.076	1.002	14.784
1/18/2017 2:05:00 AM	533100.000	12.847	17.687
29.283	6327.392	7354.742	4.091
5001.225	158.043	1.002	14.785
1/18/2017 2:10:00 AM	533400.000	12.850	17.686
29.289	6329.706	7357.490	4.093
5003.094	157.985	1.002	14.787
1/18/2017 2:15:00 AM	533700.000	12.848	17.687
29.284	6331.016	7358.942	4.094
5004.081	157.953	1.002	14.788
1/18/2017 2:20:00 AM	534000.000	12.850	17.687
29.288	6332.605	7360.816	4.095
5005.355	157.913	1.002	14.789
1/18/2017 2:25:00 AM	534300.000	12.850	17.686
29.289	6334.660	7363.261	4.096
5007.018	157.862	1.002	14.790
1/18/2017 2:30:00 AM	534600.000	12.846	17.686
29.280	6334.577	7363.123	4.096
5006.924	157.864	1.002	14.791
1/18/2017 2:35:00 AM	534900.000	12.850	17.686
29.290	6336.448	7365.370	4.098
5008.452	157.817	1.002	14.790
1/18/2017 2:40:00 AM	535200.000	12.851	17.686
29.291	6337.154	7366.131	4.098
5008.969	157.800	1.002	14.790
1/18/2017 2:45:00 AM	535500.000	12.849	17.686
29.287	6340.488	7370.006	4.100
5011.604	157.717	1.002	14.789
1/18/2017 2:50:00 AM	535800.000	12.851	17.687
29.291	6340.800	7370.327	4.101
5011.823	157.709	1.002	14.787

1/18/2017 2:55:00 AM	536100.000	12.845	17.686
29.278	6341.660	7371.385	4.101
5012.542	157.687	1.002	14.785
1/18/2017 3:00:00 AM	536400.000	12.853	17.686
29.295	6343.661	7373.753	4.103
5014.152	157.638	1.002	14.782
1/18/2017 3:05:00 AM	536700.000	12.850	17.686
29.290	6344.070	7374.229	4.103
5014.476	157.628	1.002	14.783
1/18/2017 3:10:00 AM	537000.000	12.851	17.687
29.291	6344.453	7374.560	4.103
5014.701	157.618	1.002	14.783
1/18/2017 3:15:00 AM	537300.000	12.851	17.686
29.291	6344.561	7374.800	4.103
5014.864	157.615	1.002	14.783
1/18/2017 3:20:00 AM	537600.000	12.845	17.687
29.278	6346.902	7377.435	4.105
5016.656	157.557	1.002	14.784
1/18/2017 3:25:00 AM	537900.000	12.844	17.686
29.275	6347.155	7377.744	4.105
5016.866	157.551	1.002	14.785
1/18/2017 3:30:00 AM	538200.000	12.846	17.687
29.279	6347.845	7378.503	4.105
5017.383	157.534	1.002	14.785
1/18/2017 3:35:00 AM	538500.000	12.853	17.686
29.296	6349.482	7380.449	4.107
5018.706	157.493	1.002	14.785
1/18/2017 3:40:00 AM	538800.000	12.848	17.687
29.285	6350.333	7381.408	4.107
5019.358	157.472	1.002	14.784
1/18/2017 3:45:00 AM	539100.000	12.854	17.687
29.299	6350.682	7381.829	4.107
5019.644	157.463	1.002	14.783
1/18/2017 3:50:00 AM	539400.000	12.856	17.687
29.304	6351.982	7383.297	4.108
5020.642	157.431	1.002	14.781
1/18/2017 3:55:00 AM	539700.000	12.857	17.687
29.305	6354.014	7385.673	4.110
5022.258	157.381	1.002	14.779
1/18/2017 4:00:00 AM	540000.000	12.861	17.686
29.315	6355.085	7387.018	4.110
5023.172	157.354	1.002	14.777
1/18/2017 4:05:00 AM	540300.000	12.855	17.687
29.301	6355.974	7387.964	4.111
5023.816	157.332	1.002	14.780
1/18/2017 4:10:00 AM	540600.000	12.853	17.687
29.297	6358.343	7390.706	4.113
5025.680	157.274	1.002	14.783
1/18/2017 4:15:00 AM	540900.000	12.854	17.686
29.299	6358.052	7390.452	4.113
5025.507	157.281	1.002	14.785
1/18/2017 4:20:00 AM	541200.000	12.849	17.686
29.287	6359.514	7392.138	4.114
5026.654	157.245	1.002	14.785

1/18/2017 4:25:00 AM	541500.000	12.852	17.686
29.293	6361.438	7394.388	4.115
5028.184	157.197	1.002	14.785
1/18/2017 4:30:00 AM	541800.000	12.853	17.686
29.295	6362.404	7395.468	4.116
5028.919	157.173	1.002	14.784
1/18/2017 4:35:00 AM	542100.000	12.851	17.687
29.292	6364.354	7397.720	4.117
5030.450	157.125	1.002	14.785
1/18/2017 4:40:00 AM	542400.000	12.851	17.686
29.291	6366.124	7399.804	4.118
5031.867	157.081	1.002	14.786
1/18/2017 4:45:00 AM	542700.000	12.852	17.686
29.295	6366.707	7400.470	4.118
5032.319	157.067	1.002	14.786
1/18/2017 4:50:00 AM	543000.000	12.847	17.686
29.282	6368.686	7402.799	4.120
5033.904	157.018	1.002	14.786
1/18/2017 4:55:00 AM	543300.000	12.853	17.686
29.296	6369.724	7403.989	4.121
5034.713	156.993	1.002	14.785
1/18/2017 5:00:00 AM	543600.000	12.853	17.687
29.296	6371.905	7406.483	4.122
5036.408	156.939	1.002	14.785
1/18/2017 5:05:00 AM	543900.000	12.854	17.686
29.298	6371.951	7406.594	4.122
5036.485	156.938	1.002	14.783
1/18/2017 5:10:00 AM	544200.000	12.851	17.686
29.291	6372.898	7407.696	4.123
5037.234	156.914	1.002	14.781
1/18/2017 5:15:00 AM	544500.000	12.858	17.686
29.307	6374.601	7409.646	4.124
5038.560	156.873	1.002	14.779
1/18/2017 5:20:00 AM	544800.000	12.857	17.686
29.305	6377.021	7412.515	4.126
5040.511	156.813	1.002	14.779
1/18/2017 5:25:00 AM	545100.000	12.852	17.686
29.294	6378.769	7414.532	4.127
5041.882	156.770	1.002	14.778
1/18/2017 5:30:00 AM	545400.000	12.855	17.687
29.301	6379.772	7415.642	4.128
5042.637	156.745	1.002	14.778
1/18/2017 5:35:00 AM	545700.000	12.861	17.686
29.314	6381.533	7417.775	4.129
5044.087	156.702	1.002	14.774
1/18/2017 5:40:00 AM	546000.000	12.860	17.687
29.311	6381.471	7417.574	4.129
5043.951	156.704	1.002	14.771
1/18/2017 5:45:00 AM	546300.000	12.861	17.687
29.315	6384.229	7420.822	4.131
5046.159	156.636	1.002	14.768
1/18/2017 5:50:00 AM	546600.000	12.863	17.687
29.318	6384.505	7421.128	4.131
5046.368	156.629	1.002	14.772

1/18/2017 5:55:00 AM	546900.000	12.859	17.686
29.311	6386.428	7423.450	4.132
5047.946	156.582	1.002	14.776
1/18/2017 6:00:00 AM	547200.000	12.854	17.686
29.298	6387.344	7424.458	4.133
5048.632	156.560	1.002	14.779
1/18/2017 6:05:00 AM	547500.000	12.853	17.686
29.296	6388.845	7426.215	4.134
5049.827	156.523	1.002	14.781
1/18/2017 6:10:00 AM	547800.000	12.858	17.686
29.307	6388.848	7426.248	4.134
5049.849	156.523	1.002	14.783
1/18/2017 6:15:00 AM	548100.000	12.857	17.686
29.305	6390.325	7427.952	4.135
5051.008	156.487	1.002	14.785
1/18/2017 6:20:00 AM	548400.000	12.857	17.687
29.305	6389.251	7426.618	4.134
5050.100	156.513	1.002	14.786
1/18/2017 6:25:00 AM	548700.000	12.851	17.687
29.291	6392.007	7429.821	4.136
5052.278	156.445	1.002	14.787
1/18/2017 6:30:00 AM	549000.000	12.850	17.686
29.289	6390.912	7428.662	4.135
5051.490	156.472	1.002	14.789
1/18/2017 6:35:00 AM	549300.000	12.852	17.687
29.293	6390.054	7427.565	4.135
5050.745	156.493	1.002	14.789
1/18/2017 6:40:00 AM	549600.000	12.853	17.687
29.295	6385.069	7421.740	4.131
5046.783	156.615	1.002	14.788
1/18/2017 6:45:00 AM	549900.000	12.853	17.686
29.297	6379.749	7415.671	4.128
5042.657	156.746	1.002	14.788
1/18/2017 6:50:00 AM	550200.000	12.858	17.687
29.308	6374.687	7409.644	4.124
5038.559	156.870	1.002	14.782
1/18/2017 6:55:00 AM	550500.000	12.864	17.687
29.320	6368.271	7402.272	4.120
5033.545	157.029	1.002	14.776
1/18/2017 7:00:00 AM	550800.000	12.865	17.687
29.324	6360.736	7393.515	4.114
5027.591	157.215	1.002	14.770
1/18/2017 7:05:00 AM	551100.000	12.862	17.687
29.316	6355.178	7387.026	4.110
5023.179	157.352	1.002	14.771
1/18/2017 7:10:00 AM	551400.000	12.865	17.687
29.324	6349.249	7380.162	4.106
5018.510	157.499	1.002	14.772
1/18/2017 7:15:00 AM	551700.000	12.864	17.687
29.322	6343.992	7373.953	4.103
5014.289	157.629	1.002	14.773
1/18/2017 7:20:00 AM	552000.000	12.864	17.687
29.320	6339.525	7368.774	4.100
5010.767	157.741	1.002	14.774

1/18/2017 7:25:00 AM	552300.000	12.856	17.687
29.302	6334.968	7363.505	4.096
5007.184	157.854	1.002	14.775
1/18/2017 7:30:00 AM	552600.000	12.856	17.686
29.303	6330.414	7358.296	4.093
5003.642	157.968	1.002	14.776
1/18/2017 7:35:00 AM	552900.000	12.855	17.687
29.301	6326.796	7354.022	4.091
5000.735	158.058	1.002	14.772
1/18/2017 7:40:00 AM	553200.000	12.861	17.687
29.315	6322.470	7349.035	4.088
4997.344	158.166	1.002	14.768
1/18/2017 7:45:00 AM	553500.000	12.854	17.687
29.299	6318.408	7344.300	4.085
4994.125	158.268	1.002	14.764
1/18/2017 7:50:00 AM	553800.000	12.853	17.687
29.297	6315.917	7341.391	4.083
4992.146	158.330	1.002	14.762
1/18/2017 7:55:00 AM	554100.000	12.855	17.687
29.300	6312.227	7337.129	4.081
4989.248	158.423	1.002	14.760
1/18/2017 8:00:00 AM	554400.000	12.860	17.686
29.313	6310.832	7335.534	4.080
4988.164	158.458	1.002	14.758
1/18/2017 8:05:00 AM	554700.000	12.858	17.687
29.308	6306.705	7330.683	4.077
4984.865	158.561	1.002	14.758
1/18/2017 8:10:00 AM	555000.000	12.858	17.686
29.308	6303.905	7327.471	4.075
4982.681	158.632	1.002	14.759
1/18/2017 8:15:00 AM	555300.000	12.857	17.686
29.305	6301.122	7324.265	4.073
4980.500	158.702	1.002	14.759
1/18/2017 8:20:00 AM	555600.000	12.856	17.686
29.303	6298.703	7321.453	4.071
4978.588	158.763	1.002	14.758
1/18/2017 8:25:00 AM	555900.000	12.851	17.686
29.292	6296.587	7319.006	4.070
4976.924	158.816	1.002	14.756
1/18/2017 8:30:00 AM	556200.000	12.855	17.687
29.300	6293.278	7315.006	4.068
4974.205	158.900	1.002	14.755
1/18/2017 8:35:00 AM	556500.000	12.860	17.687
29.312	6290.152	7311.470	4.066
4971.800	158.979	1.002	14.752
1/18/2017 8:40:00 AM	556800.000	12.858	17.686
29.307	6286.042	7306.708	4.063
4968.562	159.083	1.002	14.749
1/18/2017 8:45:00 AM	557100.000	12.861	17.687
29.314	6284.400	7304.742	4.062
4967.225	159.124	1.002	14.746
1/18/2017 8:50:00 AM	557400.000	12.860	17.687
29.311	6279.997	7299.667	4.059
4963.774	159.236	1.002	14.745

1/18/2017 8:55:00 AM	557700.000	12.859	17.686
29.309	6276.568	7295.695	4.056
4961.073	159.323	1.002	14.743
1/18/2017 9:00:00 AM	558000.000	12.862	17.687
29.316	6274.744	7293.546	4.055
4959.611	159.369	1.002	14.741
1/18/2017 9:05:00 AM	558300.000	12.865	17.686
29.323	6270.665	7288.845	4.052
4956.415	159.473	1.002	14.742
1/18/2017 9:10:00 AM	558600.000	12.857	17.687
29.304	6267.400	7284.982	4.050
4953.788	159.556	1.002	14.744
1/18/2017 9:15:00 AM	558900.000	12.860	17.686
29.311	6263.996	7281.094	4.047
4951.144	159.643	1.002	14.745
1/18/2017 9:20:00 AM	559200.000	12.853	17.686
29.297	6260.060	7276.506	4.045
4948.025	159.743	1.002	14.743
1/18/2017 9:25:00 AM	559500.000	12.861	17.687
29.314	6257.671	7273.674	4.043
4946.098	159.804	1.002	14.741
1/18/2017 9:30:00 AM	559800.000	12.862	17.687
29.316	6254.563	7270.089	4.041
4943.661	159.883	1.002	14.738
1/18/2017 9:35:00 AM	560100.000	12.856	17.686
29.302	6250.936	7265.901	4.038
4940.813	159.976	1.002	14.740
1/18/2017 9:40:00 AM	560400.000	12.853	17.686
29.297	6247.330	7261.722	4.036
4937.972	160.068	1.002	14.741
1/18/2017 9:45:00 AM	560700.000	12.855	17.687
29.300	6244.948	7258.927	4.034
4936.070	160.129	1.002	14.742
1/18/2017 9:50:00 AM	561000.000	12.862	17.686
29.316	6240.221	7253.487	4.031
4932.372	160.251	1.002	14.742
1/18/2017 9:55:00 AM	561300.000	12.863	17.687
29.318	6239.544	7252.619	4.031
4931.781	160.268	1.002	14.742
1/18/2017 10:00:00 AM	561600.000	12.865	17.687
29.323	6235.959	7248.479	4.028
4928.965	160.360	1.002	14.742
1/18/2017 10:05:00 AM	561900.000	12.855	17.687
29.300	6231.571	7243.321	4.025
4925.458	160.473	1.002	14.752
1/18/2017 10:10:00 AM	562200.000	12.855	17.687
29.300	6230.141	7241.715	4.024
4924.367	160.510	1.002	14.762
1/18/2017 10:15:00 AM	562500.000	12.860	17.687
29.311	6226.355	7237.315	4.021
4921.375	160.608	1.002	14.772
1/18/2017 10:20:00 AM	562800.000	12.863	17.686
29.318	6223.837	7234.402	4.020
4919.394	160.673	1.002	14.774

1/18/2017 10:25:00 AM	563100.000	12.859	17.687
29.309	6220.685	7230.709	4.018
4916.882	160.754	1.002	14.775
1/18/2017 10:30:00 AM	563400.000	12.863	17.686
29.318	6217.801	7227.387	4.016
4914.623	160.829	1.002	14.777
1/18/2017 10:35:00 AM	563700.000	12.854	17.687
29.299	6216.072	7225.335	4.014
4913.228	160.873	1.002	14.779
1/18/2017 10:40:00 AM	564000.000	12.860	17.687
29.312	6213.367	7222.191	4.012
4911.090	160.943	1.002	14.781
1/18/2017 10:45:00 AM	564300.000	12.858	17.687
29.306	6209.830	7218.080	4.010
4908.294	161.035	1.002	14.783
1/18/2017 10:50:00 AM	564600.000	12.855	17.687
29.301	6207.752	7215.650	4.009
4906.643	161.089	1.002	14.781
1/18/2017 10:55:00 AM	564900.000	12.857	17.687
29.304	6205.408	7212.882	4.007
4904.760	161.150	1.002	14.779
1/18/2017 11:00:00 AM	565200.000	12.863	17.686
29.318	6202.621	7209.742	4.005
4902.625	161.222	1.002	14.776
1/18/2017 11:05:00 AM	565500.000	12.864	17.687
29.322	6199.780	7206.397	4.003
4900.350	161.296	1.002	14.775
1/18/2017 11:10:00 AM	565800.000	12.865	17.687
29.323	6199.000	7205.491	4.003
4899.734	161.316	1.002	14.773
1/18/2017 11:15:00 AM	566100.000	12.863	17.686
29.319	6194.971	7200.861	4.000
4896.585	161.421	1.002	14.772
1/18/2017 11:20:00 AM	566400.000	12.862	17.687
29.316	6192.943	7198.478	3.998
4894.965	161.474	1.002	14.772
1/18/2017 11:25:00 AM	566700.000	12.862	17.687
29.316	6190.713	7195.858	3.997
4893.184	161.532	1.002	14.773
1/18/2017 11:30:00 AM	567000.000	12.853	17.687
29.297	6188.585	7193.355	3.995
4891.482	161.588	1.002	14.773
1/18/2017 11:35:00 AM	567300.000	12.854	17.686
29.298	6186.910	7191.492	3.994
4890.214	161.632	1.002	14.772
1/18/2017 11:40:00 AM	567600.000	12.857	17.687
29.305	6184.203	7188.304	3.992
4888.047	161.702	1.002	14.771
1/18/2017 11:45:00 AM	567900.000	12.859	17.687
29.310	6182.674	7186.515	3.991
4886.831	161.742	1.002	14.771
1/18/2017 11:50:00 AM	568200.000	12.857	17.686
29.306	6179.499	7182.876	3.989
4884.356	161.825	1.002	14.767

1/18/2017 11:55:00 AM	568500.000	12.860	17.687
29.312	6177.920	7181.016	3.988
4883.091	161.867	1.002	14.763
1/18/2017 12:00:00 PM	568800.000	12.857	17.687
29.306	6174.559	7177.094	3.986
4880.424	161.955	1.002	14.760
1/18/2017 12:05:00 PM	569100.000	12.857	17.687
29.305	6173.445	7175.787	3.985
4879.535	161.984	1.002	14.760
1/18/2017 12:10:00 PM	569400.000	12.855	17.687
29.300	6170.732	7172.634	3.983
4877.391	162.055	1.002	14.761
1/18/2017 12:15:00 PM	569700.000	12.850	17.687
29.289	6168.063	7169.531	3.981
4875.281	162.125	1.002	14.761
1/18/2017 12:20:00 PM	570000.000	12.851	17.686
29.291	6165.857	7167.009	3.980
4873.566	162.183	1.002	14.756
1/18/2017 12:25:00 PM	570300.000	12.858	17.687
29.307	6163.058	7163.629	3.978
4871.268	162.257	1.002	14.751
1/18/2017 12:30:00 PM	570600.000	12.856	17.686
29.303	6161.009	7161.373	3.976
4869.734	162.311	1.002	14.746
1/18/2017 12:35:00 PM	570900.000	12.858	17.687
29.307	6157.366	7157.055	3.974
4866.797	162.407	1.002	14.745
1/18/2017 12:40:00 PM	571200.000	12.853	17.686
29.295	6154.821	7154.180	3.972
4864.843	162.474	1.002	14.744
1/18/2017 12:45:00 PM	571500.000	12.853	17.686
29.295	6151.390	7150.219	3.970
4862.149	162.565	1.002	14.743
1/18/2017 12:50:00 PM	571800.000	12.855	17.687
29.301	6147.949	7146.137	3.967
4859.373	162.656	1.002	14.742
1/18/2017 12:55:00 PM	572100.000	12.855	17.687
29.300	6147.262	7145.296	3.967
4858.801	162.674	1.002	14.741
1/18/2017 1:00:00 PM	572400.000	12.855	17.687
29.301	6144.464	7142.058	3.965
4856.600	162.748	1.002	14.740
1/18/2017 1:05:00 PM	572700.000	12.857	17.687
29.306	6143.336	7140.802	3.964
4855.745	162.778	1.002	14.737
1/18/2017 1:10:00 PM	573000.000	12.858	17.687
29.308	6139.197	7135.979	3.961
4852.466	162.888	1.002	14.733
1/18/2017 1:15:00 PM	573300.000	12.858	17.687
29.308	6138.746	7135.440	3.961
4852.100	162.900	1.002	14.730
1/18/2017 1:20:00 PM	573600.000	12.854	17.687
29.298	6135.530	7131.716	3.959
4849.567	162.985	1.002	14.729

1/18/2017 1:25:00 PM	573900.000	12.857	17.686
29.305	6132.506	7128.323	3.957
4847.260	163.065	1.002	14.727
1/18/2017 1:30:00 PM	574200.000	12.854	17.687
29.298	6130.369	7125.716	3.955
4845.488	163.122	1.002	14.725
1/18/2017 1:35:00 PM	574500.000	12.856	17.687
29.302	6129.740	7124.943	3.955
4844.961	163.139	1.002	14.724
1/18/2017 1:40:00 PM	574800.000	12.855	17.687
29.301	6127.085	7121.886	3.953
4842.883	163.210	1.002	14.723
1/18/2017 1:45:00 PM	575100.000	12.859	17.686
29.311	6125.485	7120.082	3.952
4841.656	163.252	1.002	14.723
1/18/2017 1:50:00 PM	575400.000	12.860	17.686
29.312	6123.259	7117.494	3.950
4839.896	163.312	1.002	14.720
1/18/2017 1:55:00 PM	575700.000	12.860	17.687
29.312	6121.630	7115.571	3.949
4838.589	163.355	1.002	14.717
1/18/2017 2:00:00 PM	576000.000	12.853	17.687
29.296	6120.750	7114.506	3.949
4837.864	163.379	1.002	14.714
1/18/2017 2:05:00 PM	576300.000	12.855	17.686
29.302	6117.993	7111.372	3.947
4835.733	163.452	1.002	14.711
1/18/2017 2:10:00 PM	576600.000	12.856	17.687
29.304	6116.302	7109.366	3.945
4834.369	163.497	1.002	14.709
1/18/2017 2:15:00 PM	576900.000	12.855	17.687
29.300	6115.071	7107.893	3.945
4833.367	163.530	1.002	14.706
1/18/2017 2:20:00 PM	577200.000	12.854	17.687
29.298	6113.432	7106.056	3.943
4832.119	163.574	1.002	14.704
1/18/2017 2:25:00 PM	577500.000	12.853	17.686
29.296	6111.207	7103.554	3.942
4830.417	163.634	1.002	14.702
1/18/2017 2:30:00 PM	577800.000	12.853	17.687
29.296	6109.095	7100.960	3.940
4828.653	163.690	1.002	14.700
1/18/2017 2:35:00 PM	578100.000	12.852	17.686
29.294	6106.935	7098.573	3.939
4827.030	163.748	1.002	14.697
1/18/2017 2:40:00 PM	578400.000	12.854	17.687
29.298	6104.623	7095.749	3.937
4825.109	163.810	1.002	14.693
1/18/2017 2:45:00 PM	578700.000	12.850	17.687
29.289	6102.409	7093.188	3.936
4823.369	163.870	1.002	14.690
1/18/2017 2:50:00 PM	579000.000	12.857	17.687
29.305	6100.971	7091.558	3.935
4822.260	163.908	1.002	14.685

1/18/2017 2:55:00 PM	579300.000	12.855	17.686
29.300	6099.036	7089.349	3.934
4820.757	163.960	1.002	14.681
1/18/2017 3:00:00 PM	579600.000	12.855	17.687
29.301	6094.167	7083.596	3.930
4816.845	164.091	1.002	14.676
1/18/2017 3:05:00 PM	579900.000	12.856	17.687
29.303	6092.709	7081.955	3.929
4815.729	164.131	1.002	14.675
1/18/2017 3:10:00 PM	580200.000	12.856	17.687
29.303	6090.438	7079.330	3.928
4813.944	164.192	1.002	14.674
1/18/2017 3:15:00 PM	580500.000	12.851	17.687
29.292	6088.670	7077.219	3.926
4812.510	164.239	1.002	14.673
1/18/2017 3:20:00 PM	580800.000	12.857	17.686
29.305	6087.420	7075.875	3.926
4811.595	164.273	1.002	14.671
1/18/2017 3:25:00 PM	581100.000	12.855	17.687
29.300	6084.580	7072.465	3.924
4809.276	164.350	1.002	14.669
1/18/2017 3:30:00 PM	581400.000	12.854	17.686
29.298	6082.970	7070.674	3.923
4808.059	164.393	1.002	14.667
1/18/2017 3:35:00 PM	581700.000	12.854	17.687
29.299	6082.965	7070.603	3.922
4808.010	164.394	1.002	14.669
1/18/2017 3:40:00 PM	582000.000	12.849	17.687
29.287	6081.043	7068.395	3.921
4806.509	164.445	1.002	14.670
1/18/2017 3:45:00 PM	582300.000	12.851	17.687
29.291	6081.584	7069.038	3.922
4806.946	164.431	1.002	14.672
1/18/2017 3:50:00 PM	582600.000	12.848	17.687
29.285	6079.839	7067.009	3.920
4805.566	164.478	1.002	14.672
1/18/2017 3:55:00 PM	582900.000	12.848	17.687
29.284	6080.174	7067.372	3.921
4805.813	164.469	1.002	14.672
1/18/2017 4:00:00 PM	583200.000	12.852	17.686
29.294	6079.888	7067.092	3.920
4805.623	164.477	1.002	14.672
1/18/2017 4:05:00 PM	583500.000	12.847	17.687
29.283	6078.728	7065.691	3.920
4804.670	164.508	1.002	14.668
1/18/2017 4:10:00 PM	583800.000	12.853	17.687
29.295	6079.120	7066.173	3.920
4804.999	164.497	1.002	14.664
1/18/2017 4:15:00 PM	584100.000	12.855	17.686
29.302	6079.915	7067.151	3.920
4805.663	164.476	1.002	14.660
1/18/2017 4:20:00 PM	584400.000	12.851	17.686
29.291	6080.233	7067.509	3.921
4805.906	164.467	1.002	14.658

1/18/2017 4:25:00 PM	584700.000	12.855	17.687
29.300	6080.089	7067.273	3.920
4805.746	164.471	1.002	14.656
1/18/2017 4:30:00 PM	585000.000	12.850	17.686
29.288	6079.259	7066.376	3.920
4805.137	164.494	1.002	14.654
1/18/2017 4:35:00 PM	585300.000	12.849	17.686
29.287	6078.236	7065.172	3.919
4804.317	164.521	1.002	14.655
1/18/2017 4:40:00 PM	585600.000	12.850	17.687
29.289	6078.535	7065.426	3.919
4804.490	164.513	1.002	14.656
1/18/2017 4:45:00 PM	585900.000	12.849	17.686
29.287	6079.240	7066.327	3.920
4805.103	164.494	1.002	14.657
1/18/2017 4:50:00 PM	586200.000	12.847	17.687
29.281	6077.578	7064.381	3.919
4803.780	164.539	1.002	14.654
1/18/2017 4:55:00 PM	586500.000	12.851	17.687
29.291	6077.495	7064.244	3.919
4803.686	164.541	1.002	14.650
1/18/2017 5:00:00 PM	586800.000	12.847	17.687
29.283	6075.731	7062.234	3.918
4802.319	164.589	1.002	14.647
1/18/2017 5:05:00 PM	587100.000	12.849	17.687
29.287	6076.965	7063.586	3.918
4803.239	164.556	1.002	14.644
1/18/2017 5:10:00 PM	587400.000	12.857	17.686
29.305	6075.694	7062.217	3.917
4802.308	164.590	1.002	14.641
1/18/2017 5:15:00 PM	587700.000	12.854	17.687
29.299	6075.003	7061.361	3.917
4801.726	164.609	1.002	14.638
1/18/2017 5:20:00 PM	588000.000	12.856	17.687
29.302	6074.372	7060.628	3.917
4801.227	164.626	1.002	14.637
1/18/2017 5:25:00 PM	588300.000	12.860	17.687
29.312	6075.414	7061.756	3.917
4801.994	164.598	1.002	14.636
1/18/2017 5:30:00 PM	588600.000	12.852	17.686
29.294	6075.352	7061.876	3.917
4802.076	164.600	1.002	14.635
1/18/2017 5:35:00 PM	588900.000	12.852	17.686
29.294	6075.668	7062.203	3.917
4802.298	164.591	1.002	14.634
1/18/2017 5:40:00 PM	589200.000	12.856	17.686
29.303	6075.975	7062.532	3.918
4802.522	164.583	1.002	14.633
1/18/2017 5:45:00 PM	589500.000	12.853	17.686
29.296	6076.424	7063.066	3.918
4802.885	164.570	1.002	14.632
1/18/2017 5:50:00 PM	589800.000	12.855	17.687
29.300	6074.967	7061.332	3.917
4801.706	164.610	1.002	14.631

1/18/2017 5:55:00 PM	590100.000	12.852	17.686
29.293	6075.374	7061.833	3.917
4802.047	164.599	1.002	14.630
1/18/2017 6:00:00 PM	590400.000	12.855	17.687
29.301	6073.492	7059.632	3.916
4800.550	164.650	1.002	14.630
1/18/2017 6:05:00 PM	590700.000	12.858	17.687
29.307	6075.093	7061.424	3.917
4801.769	164.607	1.002	14.627
1/18/2017 6:10:00 PM	591000.000	12.856	17.686
29.303	6073.364	7059.508	3.916
4800.466	164.653	1.002	14.625
1/18/2017 6:15:00 PM	591300.000	12.858	17.686
29.307	6073.480	7059.672	3.916
4800.577	164.650	1.002	14.622
1/18/2017 6:20:00 PM	591600.000	12.853	17.687
29.296	6072.643	7058.630	3.915
4799.869	164.673	1.002	14.625
1/18/2017 6:25:00 PM	591900.000	12.850	17.686
29.289	6073.353	7059.484	3.916
4800.449	164.654	1.002	14.627
1/18/2017 6:30:00 PM	592200.000	12.854	17.686
29.298	6073.984	7060.230	3.916
4800.957	164.637	1.002	14.629
1/18/2017 6:35:00 PM	592500.000	12.852	17.686
29.294	6072.952	7059.058	3.916
4800.160	164.665	1.002	14.628
1/18/2017 6:40:00 PM	592800.000	12.857	17.687
29.305	6073.551	7059.687	3.916
4800.587	164.648	1.002	14.627
1/18/2017 6:45:00 PM	593100.000	12.853	17.686
29.296	6071.943	7057.873	3.915
4799.354	164.692	1.002	14.627
1/18/2017 6:50:00 PM	593400.000	12.853	17.686
29.296	6073.527	7059.687	3.916
4800.587	164.649	1.002	14.628
1/18/2017 6:55:00 PM	593700.000	12.845	17.687
29.277	6074.898	7061.210	3.917
4801.624	164.612	1.002	14.630
1/18/2017 7:00:00 PM	594000.000	12.844	17.687
29.275	6073.512	7059.615	3.916
4800.539	164.649	1.002	14.631
1/18/2017 7:05:00 PM	594300.000	12.844	17.686
29.274	6074.272	7060.565	3.917
4801.184	164.629	1.002	14.630
1/18/2017 7:10:00 PM	594600.000	12.851	17.687
29.291	6072.599	7058.567	3.915
4799.826	164.674	1.002	14.630
1/18/2017 7:15:00 PM	594900.000	12.852	17.687
29.294	6073.168	7059.241	3.916
4800.284	164.659	1.002	14.629
1/18/2017 7:20:00 PM	595200.000	12.854	17.686
29.297	6073.187	7059.331	3.916
4800.345	164.658	1.002	14.631

1/18/2017 7:25:00 PM	595500.000	12.848	17.686
29.285	6073.725	7059.917	3.916
4800.744	164.644	1.002	14.633
1/18/2017 7:30:00 PM	595800.000	12.853	17.686
29.295	6073.783	7060.011	3.916
4800.808	164.642	1.002	14.635
1/18/2017 7:35:00 PM	596100.000	12.853	17.687
29.296	6075.053	7061.405	3.917
4801.756	164.608	1.002	14.635
1/18/2017 7:40:00 PM	596400.000	12.853	17.687
29.296	6075.122	7061.471	3.917
4801.801	164.606	1.002	14.636
1/18/2017 7:45:00 PM	596700.000	12.851	17.687
29.292	6075.420	7061.859	3.917
4802.064	164.598	1.002	14.637
1/18/2017 7:50:00 PM	597000.000	12.847	17.686
29.283	6075.383	7061.884	3.917
4802.081	164.599	1.002	14.638
1/18/2017 7:55:00 PM	597300.000	12.845	17.687
29.278	6076.051	7062.566	3.918
4802.545	164.581	1.002	14.638
1/18/2017 8:00:00 PM	597600.000	12.849	17.687
29.287	6077.172	7063.869	3.918
4803.432	164.550	1.002	14.639
1/18/2017 8:05:00 PM	597900.000	12.846	17.686
29.281	6077.566	7064.381	3.919
4803.780	164.540	1.002	14.639
1/18/2017 8:10:00 PM	598200.000	12.845	17.687
29.279	6078.254	7065.167	3.919
4804.313	164.521	1.002	14.640
1/18/2017 8:15:00 PM	598500.000	12.849	17.687
29.288	6077.965	7064.817	3.919
4804.076	164.529	1.002	14.640
1/18/2017 8:20:00 PM	598800.000	12.855	17.687
29.301	6077.148	7063.881	3.918
4803.439	164.551	1.002	14.640
1/18/2017 8:25:00 PM	599100.000	12.854	17.687
29.299	6079.539	7066.661	3.920
4805.329	164.486	1.002	14.641
1/18/2017 8:30:00 PM	599400.000	12.855	17.687
29.300	6079.689	7066.752	3.920
4805.392	164.482	1.002	14.641
1/18/2017 8:35:00 PM	599700.000	12.853	17.687
29.295	6082.970	7070.623	3.922
4808.023	164.393	1.002	14.642
1/18/2017 8:40:00 PM	600000.000	12.849	17.687
29.288	6082.008	7069.462	3.922
4807.235	164.419	1.002	14.644
1/18/2017 8:45:00 PM	600300.000	12.854	17.687
29.299	6083.806	7071.606	3.923
4808.692	164.371	1.002	14.645
1/18/2017 8:50:00 PM	600600.000	12.853	17.686
29.295	6084.417	7072.356	3.924
4809.203	164.354	1.002	14.648

1/18/2017 8:55:00 PM	600900.000	12.850	17.686
29.289	6085.948	7074.151	3.925
4810.423	164.313	1.002	14.650
1/18/2017 9:00:00 PM	601200.000	12.848	17.686
29.284	6085.990	7074.227	3.925
4810.475	164.312	1.002	14.653
1/18/2017 9:05:00 PM	601500.000	12.844	17.686
29.276	6086.778	7075.101	3.925
4811.068	164.291	1.002	14.651
1/18/2017 9:10:00 PM	601800.000	12.846	17.687
29.280	6086.127	7074.292	3.925
4810.519	164.308	1.002	14.648
1/18/2017 9:15:00 PM	602100.000	12.847	17.686
29.283	6086.976	7075.319	3.925
4811.217	164.285	1.002	14.646
1/18/2017 9:20:00 PM	602400.000	12.848	17.686
29.286	6087.567	7076.034	3.926
4811.703	164.269	1.002	14.646
1/18/2017 9:25:00 PM	602700.000	12.847	17.686
29.282	6088.215	7076.759	3.926
4812.197	164.252	1.002	14.646
1/18/2017 9:30:00 PM	603000.000	12.855	17.687
29.301	6088.624	7077.207	3.926
4812.501	164.241	1.002	14.647
1/18/2017 9:35:00 PM	603300.000	12.855	17.687
29.300	6091.887	7081.013	3.929
4815.089	164.153	1.002	14.647
1/18/2017 9:40:00 PM	603600.000	12.853	17.686
29.296	6099.605	7090.026	3.934
4821.218	163.945	1.002	14.648
1/18/2017 9:45:00 PM	603900.000	12.847	17.686
29.283	6108.914	7100.899	3.940
4828.612	163.695	1.002	14.649
1/18/2017 9:50:00 PM	604200.000	12.850	17.686
29.289	6120.708	7114.583	3.949
4837.917	163.380	1.002	14.652
1/18/2017 9:55:00 PM	604500.000	12.852	17.686
29.295	6132.557	7128.355	3.957
4847.282	163.064	1.002	14.655
1/18/2017 10:00:00 PM	604800.000	12.849	17.687
29.288	6142.394	7139.694	3.963
4854.992	162.803	1.002	14.658
1/18/2017 10:05:00 PM	605100.000	12.848	17.686
29.286	6151.780	7150.658	3.970
4862.447	162.555	1.002	14.658
1/18/2017 10:10:00 PM	605400.000	12.850	17.687
29.288	6158.989	7159.011	3.975
4868.128	162.364	1.002	14.657
1/18/2017 10:15:00 PM	605700.000	12.852	17.687
29.294	6166.498	7167.738	3.980
4874.062	162.167	1.002	14.657
1/18/2017 10:20:00 PM	606000.000	12.854	17.686
29.299	6171.594	7173.705	3.984
4878.120	162.033	1.002	14.658

1/18/2017 10:25:00 PM	606300.000	12.849	17.686
29.286	6178.618	7181.882	3.989
4883.680	161.848	1.002	14.659
1/18/2017 10:30:00 PM	606600.000	12.852	17.687
29.294	6183.864	7187.869	3.992
4887.751	161.711	1.002	14.660
1/18/2017 10:35:00 PM	606900.000	12.850	17.686
29.290	6190.191	7195.334	3.996
4892.828	161.546	1.002	14.659
1/18/2017 10:40:00 PM	607200.000	12.855	17.687
29.301	6193.279	7198.842	3.999
4895.213	161.465	1.002	14.657
1/18/2017 10:45:00 PM	607500.000	12.855	17.686
29.300	6199.223	7205.804	4.003
4899.947	161.311	1.002	14.655
1/18/2017 10:50:00 PM	607800.000	12.851	17.686
29.292	6201.906	7208.980	4.005
4902.107	161.241	1.002	14.655
1/18/2017 10:55:00 PM	608100.000	12.856	17.686
29.302	6206.718	7214.516	4.008
4905.871	161.116	1.002	14.656
1/18/2017 11:00:00 PM	608400.000	12.857	17.686
29.305	6211.397	7219.942	4.011
4909.561	160.994	1.002	14.656
1/18/2017 11:05:00 PM	608700.000	12.856	17.686
29.302	6214.781	7223.946	4.013
4912.283	160.907	1.002	14.659
1/18/2017 11:10:00 PM	609000.000	12.854	17.687
29.298	6221.106	7231.187	4.018
4917.207	160.743	1.002	14.662
1/18/2017 11:15:00 PM	609300.000	12.847	17.687
29.282	6222.573	7232.862	4.019
4918.346	160.705	1.002	14.665
1/18/2017 11:20:00 PM	609600.000	12.851	17.686
29.291	6225.884	7236.794	4.021
4921.020	160.620	1.002	14.663
1/18/2017 11:25:00 PM	609900.000	12.858	17.686
29.308	6230.430	7242.121	4.024
4924.643	160.503	1.002	14.660
1/18/2017 11:30:00 PM	610200.000	12.860	17.687
29.312	6232.863	7244.879	4.026
4926.518	160.440	1.002	14.657
1/18/2017 11:35:00 PM	610500.000	12.858	17.687
29.307	6235.544	7247.996	4.028
4928.638	160.371	1.002	14.662
1/18/2017 11:40:00 PM	610800.000	12.854	17.686
29.298	6239.656	7252.860	4.031
4931.945	160.265	1.002	14.666
1/18/2017 11:45:00 PM	611100.000	12.853	17.686
29.296	6242.296	7255.887	4.032
4934.004	160.197	1.002	14.670
1/18/2017 11:50:00 PM	611400.000	12.853	17.687
29.296	6244.961	7258.915	4.034
4936.063	160.129	1.002	14.670

1/18/2017 11:55:00 PM	611700.000	12.853	17.686
29.295	6247.042	7261.403	4.036
4937.754	160.076	1.002	14.670

Report Date: 1/20/2017 8:28:36 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_2017-01-19_13-36-30-744-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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.
Sensor SN: 398697
Cell Constant: 1.00791 Cell Offset: 0
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
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:
Record Count: 734
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A)	
658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A)	Sensor: PCTD(A)
658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A)	Sensor: PCTD(A)
658.7ft	Sensor: Baro-Adj Calc				
	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697
SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697
SN#: 398697	SN#: 398697	SN#: 398697	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 (ppt)		Resistivity (ohm-cm)	Water Density (g/cm3)		Barometric
Pressure (PSI)					

1/12/2017 12:14:45 AM	7200.000	146.810	21.336		
334.626	5563.982	5982.663	3.290		
4.068	179.727	1.000	14.679		
1/12/2017 12:29:45 AM	8100.000	146.844	21.334		
334.702	5563.413	5982.287	3.290		
4.068	179.746	1.000	14.671		
1/12/2017 12:44:45 AM	9000.000	146.844	21.346		
334.703	5565.528	5983.108	3.291		
4.069	179.677	1.000	14.669		
1/12/2017 12:59:45 AM	9900.000	146.821	21.345		
334.650	5564.524	5982.168	3.290		
4.068	179.710	1.000	14.663		
1/12/2017 1:14:45 AM	10800.000	146.825	21.329		
334.660	5562.609	5982.090	3.290		

4.068	179.772	1.000	14.661
1/12/2017 1:29:45 AM	11700.000	146.822	21.335
334.652	5562.868	5981.583	3.290
4.067	179.763	1.000	14.663
1/12/2017 1:44:45 AM	12600.000	146.832	21.330
334.675	5563.681	5983.071	3.291
4.068	179.737	1.000	14.660
1/12/2017 1:59:45 AM	13500.000	146.870	21.327
334.763	5563.751	5983.459	3.291
4.069	179.735	1.000	14.658
1/12/2017 2:14:45 AM	14400.000	146.829	21.333
334.668	5564.634	5983.676	3.291
4.069	179.706	1.000	14.663
1/12/2017 2:29:45 AM	15300.000	146.855	21.332
334.727	5564.704	5983.912	3.291
4.069	179.704	1.000	14.668
1/12/2017 2:44:45 AM	16200.000	146.831	21.349
334.674	5567.421	5984.766	3.292
4.070	179.616	1.000	14.665
1/12/2017 2:59:45 AM	17100.000	146.871	21.350
334.765	5567.407	5984.611	3.292
4.070	179.617	1.000	14.667
1/12/2017 3:14:45 AM	18000.000	146.880	21.348
334.785	5567.684	5985.135	3.292
4.070	179.608	1.000	14.659
1/12/2017 3:29:45 AM	18900.000	146.845	21.347
334.705	5565.720	5983.207	3.291
4.069	179.671	1.000	14.654
1/12/2017 3:44:45 AM	19800.000	146.844	21.347
334.704	5566.643	5984.177	3.291
4.069	179.641	1.000	14.666
1/12/2017 3:59:45 AM	20700.000	146.890	21.348
334.807	5567.884	5985.372	3.292
4.070	179.601	1.000	14.655
1/12/2017 4:14:45 AM	21600.000	146.852	21.345
334.722	5566.295	5984.073	3.291
4.069	179.653	1.000	14.657
1/12/2017 4:29:45 AM	22500.000	146.850	21.341
334.717	5566.520	5984.778	3.292
4.070	179.645	1.000	14.656
1/12/2017 4:44:45 AM	23400.000	146.860	21.338
334.738	5565.452	5983.953	3.291
4.069	179.680	1.000	14.651
1/12/2017 4:59:45 AM	24300.000	146.862	21.343
334.743	5566.998	5985.012	3.292
4.070	179.630	1.000	14.651
1/12/2017 5:14:45 AM	25200.000	146.898	21.338
334.826	5566.012	5984.556	3.292
4.069	179.662	1.000	14.654
1/12/2017 5:29:45 AM	26100.000	146.866	21.345
334.753	5567.253	5985.090	3.292
4.070	179.622	1.000	14.651
1/12/2017 5:44:45 AM	27000.000	146.910	21.336
334.854	5568.137	5987.087	3.293
4.071	179.593	1.000	14.648
1/12/2017 5:59:45 AM	27900.000	146.900	21.330

334.829	5567.646	5987.303	3.293
4.071	179.609	1.000	14.656
1/12/2017 6:14:45 AM	28800.000	146.867	21.337
334.755	5568.284	5987.200	3.293
4.071	179.589	1.000	14.657
1/12/2017 6:29:45 AM	29700.000	146.883	21.343
334.791	5568.543	5986.694	3.293
4.071	179.580	1.000	14.650
1/12/2017 6:44:45 AM	30600.000	146.911	21.342
334.855	5568.265	5986.567	3.293
4.071	179.589	1.000	14.658
1/12/2017 6:59:45 AM	31500.000	146.883	21.342
334.792	5569.029	5987.410	3.293
4.071	179.565	1.000	14.663
1/12/2017 7:14:45 AM	32400.000	146.884	21.335
334.794	5566.529	5985.584	3.292
4.070	179.645	1.000	14.660
1/12/2017 7:29:45 AM	33300.000	146.886	21.329
334.799	5566.316	5985.979	3.292
4.070	179.652	1.000	14.668
1/12/2017 7:44:45 AM	34200.000	146.875	21.329
334.774	5567.537	5987.314	3.293
4.071	179.613	1.000	14.676
1/12/2017 7:59:45 AM	35100.000	146.884	21.336
334.793	5568.158	5987.185	3.293
4.071	179.593	1.000	14.675
1/12/2017 8:14:45 AM	36000.000	146.878	21.340
334.780	5569.840	5988.445	3.294
4.072	179.538	1.000	14.682
1/12/2017 8:29:45 AM	36900.000	146.925	21.337
334.887	5568.971	5987.876	3.294
4.072	179.566	1.000	14.689
1/12/2017 8:44:45 AM	37800.000	146.881	21.341
334.786	5569.288	5987.733	3.293
4.072	179.556	1.000	14.690
1/12/2017 8:59:45 AM	38700.000	146.909	21.341
334.851	5570.165	5988.686	3.294
4.072	179.528	1.000	14.702
1/12/2017 9:14:45 AM	39600.000	146.889	21.341
334.805	5569.683	5988.135	3.294
4.072	179.543	1.000	14.693
1/12/2017 9:29:45 AM	40500.000	146.898	21.342
334.825	5570.148	5988.505	3.294
4.072	179.528	1.000	14.694
1/12/2017 9:44:45 AM	41400.000	146.926	21.335
334.889	5569.485	5988.656	3.294
4.072	179.550	1.000	14.710
1/12/2017 9:59:45 AM	42300.000	146.900	21.333
334.829	5568.595	5988.042	3.294
4.072	179.579	1.000	14.705
1/12/2017 10:14:45 AM	43200.000	146.941	21.341
334.924	5570.476	5989.074	3.294
4.073	179.518	1.000	14.706
1/12/2017 10:29:45 AM	44100.000	146.941	21.342
334.924	5571.083	5989.586	3.295
4.073	179.498	1.000	14.706

1/12/2017 10:44:45 AM	45000.000	146.901	21.343
334.832	5570.967	5989.322	3.294
4.073	179.502	1.000	14.711
1/12/2017 10:59:45 AM	45900.000	146.903	21.344
334.836	5571.222	5989.477	3.294
4.073	179.494	1.000	14.705
1/12/2017 11:14:45 AM	46800.000	146.947	21.347
334.937	5570.748	5988.589	3.294
4.072	179.509	1.000	14.704
1/12/2017 11:29:45 AM	47700.000	146.940	21.337
334.921	5571.773	5990.920	3.295
4.074	179.476	1.000	14.712
1/12/2017 11:44:45 AM	48600.000	146.957	21.339
334.960	5570.592	5989.446	3.294
4.073	179.514	1.000	14.705
1/12/2017 11:59:45 AM	49500.000	146.915	21.339
334.866	5570.534	5989.373	3.294
4.073	179.516	1.000	14.703
1/12/2017 12:14:45 PM	50400.000	146.919	21.344
334.874	5570.363	5988.565	3.294
4.072	179.521	1.000	14.701
1/12/2017 12:29:45 PM	51300.000	146.912	21.343
334.857	5571.651	5990.078	3.295
4.073	179.480	1.000	14.701
1/12/2017 12:44:45 PM	52200.000	146.932	21.343
334.903	5571.481	5989.874	3.295
4.073	179.485	1.000	14.695
1/12/2017 12:59:45 PM	53100.000	146.930	21.343
334.898	5572.099	5990.538	3.295
4.074	179.466	1.000	14.697
1/12/2017 1:14:45 PM	54000.000	146.925	21.345
334.888	5572.244	5990.414	3.295
4.073	179.461	1.000	14.699
1/12/2017 1:29:45 PM	54900.000	146.932	21.347
334.903	5572.064	5989.983	3.295
4.073	179.467	1.000	14.694
1/12/2017 1:44:45 PM	55800.000	146.969	21.348
334.987	5572.616	5990.458	3.295
4.074	179.449	1.000	14.697
1/12/2017 1:59:45 PM	56700.000	146.929	21.340
334.897	5572.879	5991.744	3.296
4.074	179.440	1.000	14.699
1/12/2017 2:14:45 PM	57600.000	146.973	21.341
334.997	5571.665	5990.277	3.295
4.073	179.480	1.000	14.693
1/12/2017 2:29:45 PM	58500.000	146.938	21.333
334.918	5569.827	5989.291	3.294
4.073	179.539	1.000	14.698
1/12/2017 2:44:45 PM	59400.000	146.973	21.335
334.996	5570.725	5989.978	3.295
4.073	179.510	1.000	14.695
1/12/2017 2:59:45 PM	60300.000	146.942	21.332
334.926	5571.593	5991.298	3.296
4.074	179.482	1.000	14.701
1/12/2017 3:14:45 PM	61200.000	146.937	21.330
334.916	5570.943	5990.945	3.295

4.074	179.503	1.000	14.703
1/12/2017 3:29:45 PM	62100.000	146.936	21.329
334.913	5571.290	5991.425	3.296
4.074	179.492	1.000	14.701
1/12/2017 3:44:45 PM	63000.000	146.933	21.334
334.905	5570.641	5990.113	3.295
4.073	179.513	1.000	14.704
1/12/2017 3:59:45 PM	63900.000	146.927	21.339
334.893	5571.562	5990.467	3.295
4.074	179.483	1.000	14.707
1/12/2017 4:14:45 PM	64800.000	146.966	21.339
334.982	5571.699	5990.573	3.295
4.074	179.478	1.000	14.706
1/12/2017 4:29:45 PM	65700.000	146.960	21.346
334.968	5572.664	5990.779	3.295
4.074	179.447	1.000	14.710
1/12/2017 4:44:45 PM	66600.000	146.958	21.346
334.962	5572.049	5990.086	3.295
4.073	179.467	1.000	14.705
1/12/2017 4:59:45 PM	67500.000	146.961	21.342
334.969	5571.418	5989.947	3.295
4.073	179.488	1.000	14.706
1/12/2017 5:14:45 PM	68400.000	146.943	21.343
334.928	5571.038	5989.344	3.294
4.073	179.500	1.000	14.713
1/12/2017 5:29:45 PM	69300.000	146.952	21.345
334.950	5572.360	5990.506	3.295
4.074	179.457	1.000	14.701
1/12/2017 5:44:45 PM	70200.000	146.895	21.347
334.819	5572.842	5990.831	3.295
4.074	179.442	1.000	14.712
1/12/2017 5:59:45 PM	71100.000	146.950	21.344
334.943	5572.429	5990.797	3.295
4.074	179.455	1.000	14.705
1/12/2017 6:14:45 PM	72000.000	146.930	21.348
334.899	5573.029	5990.956	3.295
4.074	179.436	1.000	14.717
1/12/2017 6:29:45 PM	72900.000	146.895	21.341
334.819	5571.834	5990.492	3.295
4.074	179.474	1.000	14.711
1/12/2017 6:44:45 PM	73800.000	146.890	21.347
334.807	5573.464	5991.499	3.296
4.074	179.422	1.000	14.719
1/12/2017 6:59:45 PM	74700.000	146.921	21.334
334.878	5571.551	5991.059	3.295
4.074	179.483	1.000	14.725
1/12/2017 7:14:45 PM	75600.000	146.887	21.331
334.801	5571.964	5991.838	3.296
4.074	179.470	1.000	14.725
1/12/2017 7:29:45 PM	76500.000	146.873	21.330
334.768	5571.479	5991.424	3.296
4.074	179.486	1.000	14.726
1/12/2017 7:44:45 PM	77400.000	146.909	21.334
334.851	5571.127	5990.592	3.295
4.074	179.497	1.000	14.730
1/12/2017 7:59:45 PM	78300.000	146.860	21.339

334.740	5572.570	5991.475	3.296
4.074	179.450	1.000	14.735
1/12/2017 8:14:45 PM	79200.000	146.858	21.337
334.736	5571.520	5990.702	3.295
4.074	179.484	1.000	14.734
1/12/2017 8:29:45 PM	80100.000	146.853	21.342
334.723	5571.411	5989.960	3.295
4.073	179.488	1.000	14.740
1/12/2017 8:44:45 PM	81000.000	146.844	21.343
334.702	5572.209	5990.636	3.295
4.074	179.462	1.000	14.740
1/12/2017 8:59:45 PM	81900.000	146.894	21.342
334.816	5571.627	5990.138	3.295
4.073	179.481	1.000	14.733
1/12/2017 9:14:45 PM	82800.000	146.878	21.343
334.781	5571.315	5989.707	3.295
4.073	179.491	1.000	14.736
1/12/2017 9:29:45 PM	83700.000	146.836	21.343
334.684	5572.286	5990.739	3.295
4.074	179.460	1.000	14.744
1/12/2017 9:44:45 PM	84600.000	146.800	21.344
334.601	5572.639	5991.044	3.295
4.074	179.448	1.000	14.741
1/12/2017 9:59:45 PM	85500.000	146.868	21.344
334.758	5571.113	5989.338	3.294
4.073	179.497	1.000	14.740
1/12/2017 10:14:45 PM	86400.000	146.817	21.349
334.642	5572.496	5990.232	3.295
4.073	179.453	1.000	14.751
1/12/2017 10:29:45 PM	87300.000	146.847	21.350
334.711	5572.039	5989.654	3.295
4.073	179.468	1.000	14.749
1/12/2017 10:44:45 PM	88200.000	146.818	21.344
334.644	5570.790	5989.000	3.294
4.073	179.508	1.000	14.747
1/12/2017 10:59:45 PM	89100.000	146.802	21.341
334.607	5570.881	5989.446	3.294
4.073	179.505	1.000	14.754
1/12/2017 11:14:45 PM	90000.000	146.801	21.347
334.605	5571.551	5989.432	3.294
4.073	179.483	1.000	14.755
1/12/2017 11:29:45 PM	90900.000	146.804	21.347
334.612	5570.510	5988.367	3.294
4.072	179.517	1.000	14.752
1/12/2017 11:44:45 PM	91800.000	146.844	21.348
334.702	5571.499	5989.311	3.294
4.073	179.485	1.000	14.750
1/12/2017 11:59:45 PM	92700.000	146.806	21.348
334.616	5570.632	5988.357	3.294
4.072	179.513	1.000	14.751
1/13/2017 12:14:45 AM	93600.000	146.846	21.340
334.708	5570.732	5989.392	3.294
4.073	179.510	1.000	14.756
1/13/2017 12:29:45 AM	94500.000	146.855	21.341
334.727	5570.219	5988.765	3.294
4.072	179.526	1.000	14.751

1/13/2017 12:44:45 AM	95400.000	146.818	21.340
334.643	5570.758	5989.495	3.294
4.073	179.509	1.000	14.747
1/13/2017 12:59:45 AM	96300.000	146.849	21.337
334.715	5570.636	5989.655	3.295
4.073	179.513	1.000	14.754
1/13/2017 1:14:45 AM	97200.000	146.817	21.338
334.641	5570.750	5989.725	3.295
4.073	179.509	1.000	14.759
1/13/2017 1:29:45 AM	98100.000	146.856	21.338
334.730	5571.638	5990.625	3.295
4.074	179.480	1.000	14.753
1/13/2017 1:44:45 AM	99000.000	146.819	21.340
334.647	5572.575	5991.460	3.296
4.074	179.450	1.000	14.759
1/13/2017 1:59:45 AM	99900.000	146.855	21.345
334.728	5573.279	5991.559	3.296
4.074	179.428	1.000	14.762
1/13/2017 2:14:45 AM	100800.000	146.812	21.345
334.629	5572.145	5990.349	3.295
4.073	179.464	1.000	14.762
1/13/2017 2:29:45 AM	101700.000	146.862	21.349
334.744	5572.924	5990.736	3.295
4.074	179.439	1.000	14.755
1/13/2017 2:44:45 AM	102600.000	146.849	21.353
334.714	5573.769	5991.104	3.295
4.074	179.412	1.000	14.762
1/13/2017 2:59:45 AM	103500.000	146.853	21.350
334.723	5573.314	5990.961	3.295
4.074	179.426	1.000	14.771
1/13/2017 3:14:45 AM	104400.000	146.858	21.345
334.734	5574.216	5992.544	3.296
4.075	179.397	1.000	14.771
1/13/2017 3:29:45 AM	105300.000	146.824	21.345
334.657	5573.534	5991.843	3.296
4.074	179.419	1.000	14.767
1/13/2017 3:44:45 AM	106200.000	146.821	21.352
334.650	5575.292	5992.904	3.296
4.075	179.363	1.000	14.774
1/13/2017 3:59:45 AM	107100.000	146.859	21.356
334.736	5574.354	5991.335	3.296
4.074	179.393	1.000	14.773
1/13/2017 4:14:45 AM	108000.000	146.820	21.350
334.649	5573.662	5991.398	3.296
4.074	179.415	1.000	14.772
1/13/2017 4:29:45 AM	108900.000	146.831	21.345
334.672	5573.329	5991.656	3.296
4.074	179.426	1.000	14.770
1/13/2017 4:44:45 AM	109800.000	146.830	21.344
334.670	5573.972	5992.478	3.296
4.075	179.405	1.000	14.772
1/13/2017 4:59:45 AM	110700.000	146.828	21.349
334.667	5575.429	5993.333	3.297
4.075	179.358	1.000	14.776
1/13/2017 5:14:45 AM	111600.000	146.835	21.339
334.682	5573.785	5992.782	3.296

4.075	179.411	1.000	14.783
1/13/2017 5:29:45 AM	112500.000	146.835	21.339
334.683	5572.542	5991.511	3.296
4.074	179.451	1.000	14.778
1/13/2017 5:44:45 AM	113400.000	146.866	21.338
334.754	5574.159	5993.368	3.297
4.075	179.399	1.000	14.776
1/13/2017 5:59:45 AM	114300.000	146.868	21.338
334.758	5573.500	5992.670	3.296
4.075	179.420	1.000	14.783
1/13/2017 6:14:45 AM	115200.000	146.844	21.335
334.702	5571.825	5991.247	3.295
4.074	179.474	1.000	14.777
1/13/2017 6:29:45 AM	116100.000	146.843	21.327
334.700	5570.569	5990.823	3.295
4.074	179.515	1.000	14.780
1/13/2017 6:44:45 AM	117000.000	146.875	21.339
334.773	5571.288	5990.108	3.295
4.073	179.492	1.000	14.788
1/13/2017 6:59:45 AM	117900.000	146.834	21.344
334.680	5569.695	5987.770	3.293
4.072	179.543	1.000	14.789
1/13/2017 7:14:45 AM	118800.000	146.851	21.336
334.718	5570.480	5989.638	3.295
4.073	179.518	1.000	14.789
1/13/2017 7:29:45 AM	119700.000	146.847	21.333
334.710	5568.533	5987.944	3.294
4.072	179.581	1.000	14.791
1/13/2017 7:44:45 AM	120600.000	146.842	21.332
334.699	5568.709	5988.252	3.294
4.072	179.575	1.000	14.798
1/13/2017 7:59:45 AM	121500.000	146.843	21.337
334.700	5568.758	5987.625	3.293
4.072	179.573	1.000	14.793
1/13/2017 8:14:45 AM	122400.000	146.886	21.344
334.798	5570.579	5988.764	3.294
4.072	179.515	1.000	14.798
1/13/2017 8:29:45 AM	123300.000	146.884	21.349
334.794	5571.318	5988.956	3.294
4.072	179.491	1.000	14.803
1/13/2017 8:44:45 AM	124200.000	146.845	21.347
334.706	5569.438	5987.203	3.293
4.071	179.551	1.000	14.805
1/13/2017 8:59:45 AM	125100.000	146.891	21.342
334.809	5570.321	5988.734	3.294
4.072	179.523	1.000	14.806
1/13/2017 9:14:45 AM	126000.000	146.883	21.345
334.793	5570.570	5988.603	3.294
4.072	179.515	1.000	14.815
1/13/2017 9:29:45 AM	126900.000	146.858	21.346
334.734	5570.124	5988.006	3.294
4.072	179.529	1.000	14.812
1/13/2017 9:44:45 AM	127800.000	146.893	21.343
334.813	5568.830	5987.003	3.293
4.071	179.571	1.000	14.816
1/13/2017 9:59:45 AM	128700.000	146.889	21.339

334.806	5570.126	5988.859	3.294
4.072	179.529	1.000	14.818
1/13/2017 10:14:45 AM	129600.000	146.860	21.340
334.738	5569.123	5987.662	3.293
4.072	179.561	1.000	14.821
1/13/2017 10:29:45 AM	130500.000	146.869	21.340
334.761	5568.128	5986.592	3.293
4.071	179.594	1.000	14.826
1/13/2017 10:44:45 AM	131400.000	146.906	21.341
334.844	5570.833	5989.469	3.294
4.073	179.506	1.000	14.824
1/13/2017 10:59:45 AM	132300.000	146.867	21.341
334.755	5571.162	5989.791	3.295
4.073	179.496	1.000	14.822
1/13/2017 11:14:45 AM	133200.000	146.871	21.339
334.764	5571.180	5989.992	3.295
4.073	179.495	1.000	14.825
1/13/2017 11:29:45 AM	134100.000	146.908	21.344
334.849	5571.542	5989.854	3.295
4.073	179.484	1.000	14.817
1/13/2017 11:44:45 AM	135000.000	146.882	21.343
334.789	5572.093	5990.565	3.295
4.074	179.466	1.000	14.815
1/13/2017 11:59:45 AM	135900.000	146.878	21.337
334.781	5572.172	5991.286	3.296
4.074	179.463	1.000	14.816
1/13/2017 12:14:45 PM	136800.000	146.913	21.340
334.861	5572.179	5990.979	3.295
4.074	179.463	1.000	14.814
1/13/2017 12:29:45 PM	137700.000	146.899	21.342
334.829	5572.325	5990.943	3.295
4.074	179.458	1.000	14.801
1/13/2017 12:44:45 PM	138600.000	146.891	21.335
334.810	5570.391	5989.630	3.295
4.073	179.521	1.000	14.804
1/13/2017 12:59:45 PM	139500.000	146.892	21.327
334.812	5568.869	5989.048	3.294
4.073	179.570	1.000	14.804
1/13/2017 1:14:45 PM	140400.000	146.936	21.323
334.913	5568.360	5988.975	3.294
4.073	179.586	1.000	14.802
1/13/2017 1:29:45 PM	141300.000	146.899	21.324
334.827	5568.598	5989.123	3.294
4.073	179.578	1.000	14.802
1/13/2017 1:44:45 PM	142200.000	146.894	21.326
334.816	5568.955	5989.238	3.294
4.073	179.567	1.000	14.805
1/13/2017 1:59:45 PM	143100.000	146.898	21.327
334.825	5569.792	5989.956	3.295
4.073	179.540	1.000	14.799
1/13/2017 2:14:45 PM	144000.000	146.932	21.338
334.903	5571.670	5990.725	3.295
4.074	179.479	1.000	14.807
1/13/2017 2:29:45 PM	144900.000	146.897	21.333
334.824	5571.293	5990.857	3.295
4.074	179.492	1.000	14.807

1/13/2017 2:44:45 PM	145800.000	146.900	21.334
334.830	5570.491	5989.942	3.295
4.073	179.517	1.000	14.808
1/13/2017 2:59:45 PM	146700.000	146.943	21.332
334.927	5571.658	5991.390	3.296
4.074	179.480	1.000	14.808
1/13/2017 3:14:45 PM	147600.000	146.904	21.332
334.839	5572.097	5991.926	3.296
4.075	179.466	1.000	14.809
1/13/2017 3:29:45 PM	148500.000	146.893	21.331
334.815	5571.378	5991.251	3.295
4.074	179.489	1.000	14.805
1/13/2017 3:44:45 PM	149400.000	146.884	21.341
334.794	5573.784	5992.534	3.296
4.075	179.411	1.000	14.813
1/13/2017 3:59:45 PM	150300.000	146.886	21.345
334.799	5573.189	5991.462	3.296
4.074	179.430	1.000	14.803
1/13/2017 4:14:45 PM	151200.000	146.924	21.347
334.884	5573.573	5991.626	3.296
4.074	179.418	1.000	14.798
1/13/2017 4:29:45 PM	152100.000	146.915	21.349
334.865	5574.358	5992.181	3.296
4.075	179.393	1.000	14.804
1/13/2017 4:44:45 PM	153000.000	146.915	21.352
334.864	5573.883	5991.303	3.296
4.074	179.408	1.000	14.801
1/13/2017 4:59:45 PM	153900.000	146.873	21.345
334.768	5572.292	5990.433	3.295
4.073	179.459	1.000	14.803
1/13/2017 5:14:45 PM	154800.000	146.923	21.349
334.883	5573.301	5991.130	3.295
4.074	179.427	1.000	14.795
1/13/2017 5:29:45 PM	155700.000	146.870	21.351
334.762	5574.692	5992.281	3.296
4.075	179.382	1.000	14.801
1/13/2017 5:44:45 PM	156600.000	146.864	21.349
334.747	5574.697	5992.523	3.296
4.075	179.382	1.000	14.809
1/13/2017 5:59:45 PM	157500.000	146.862	21.351
334.743	5574.248	5991.814	3.296
4.074	179.396	1.000	14.807
1/13/2017 6:14:45 PM	158400.000	146.893	21.345
334.815	5573.912	5992.186	3.296
4.075	179.407	1.000	14.808
1/13/2017 6:29:45 PM	159300.000	146.899	21.348
334.827	5573.554	5991.445	3.296
4.074	179.419	1.000	14.801
1/13/2017 6:44:45 PM	160200.000	146.872	21.349
334.768	5573.735	5991.575	3.296
4.074	179.413	1.000	14.799
1/13/2017 6:59:45 PM	161100.000	146.852	21.348
334.722	5573.005	5990.909	3.295
4.074	179.436	1.000	14.812
1/13/2017 7:14:45 PM	162000.000	146.849	21.344
334.715	5574.583	5993.113	3.297

4.075	179.386	1.000	14.811
1/13/2017 7:29:45 PM	162900.000	146.885	21.335
334.796	5572.456	5991.882	3.296
4.074	179.454	1.000	14.807
1/13/2017 7:44:45 PM	163800.000	146.835	21.338
334.681	5574.298	5993.529	3.297
4.076	179.395	1.000	14.811
1/13/2017 7:59:45 PM	164700.000	146.867	21.342
334.756	5574.750	5993.475	3.297
4.076	179.380	1.000	14.817
1/13/2017 8:14:45 PM	165600.000	146.837	21.346
334.686	5575.229	5993.495	3.297
4.076	179.365	1.000	14.810
1/13/2017 8:29:45 PM	166500.000	146.869	21.339
334.759	5575.426	5994.602	3.297
4.076	179.358	1.000	14.819
1/13/2017 8:44:45 PM	167400.000	146.832	21.334
334.676	5574.362	5994.060	3.297
4.076	179.393	1.000	14.824
1/13/2017 8:59:45 PM	168300.000	146.821	21.334
334.651	5574.913	5994.707	3.298
4.076	179.375	1.000	14.830
1/13/2017 9:14:45 PM	169200.000	146.818	21.337
334.644	5574.927	5994.344	3.297
4.076	179.375	1.000	14.833
1/13/2017 9:29:45 PM	170100.000	146.821	21.337
334.650	5575.192	5994.554	3.297
4.076	179.366	1.000	14.830
1/13/2017 9:44:45 PM	171000.000	146.815	21.338
334.637	5575.368	5994.636	3.297
4.076	179.360	1.000	14.834
1/13/2017 9:59:45 PM	171900.000	146.847	21.337
334.710	5575.410	5994.842	3.298
4.076	179.359	1.000	14.836
1/13/2017 10:14:45 PM	172800.000	146.849	21.338
334.713	5575.486	5994.774	3.298
4.076	179.357	1.000	14.832
1/13/2017 10:29:45 PM	173700.000	146.835	21.343
334.683	5576.717	5995.504	3.298
4.077	179.317	1.000	14.836
1/13/2017 10:44:45 PM	174600.000	146.801	21.343
334.606	5575.610	5994.271	3.297
4.076	179.353	1.000	14.835
1/13/2017 10:59:45 PM	175500.000	146.809	21.343
334.622	5577.062	5995.906	3.298
4.077	179.306	1.000	14.832
1/13/2017 11:14:45 PM	176400.000	146.807	21.343
334.619	5577.256	5996.061	3.298
4.077	179.300	1.000	14.833
1/13/2017 11:29:45 PM	177300.000	146.804	21.345
334.611	5577.944	5996.552	3.299
4.078	179.278	1.000	14.836
1/13/2017 11:44:45 PM	178200.000	146.789	21.349
334.578	5577.495	5995.531	3.298
4.077	179.292	1.000	14.833
1/13/2017 11:59:45 PM	179100.000	146.802	21.350

334.606	5579.186	5997.250	3.299
4.078	179.238	1.000	14.828
1/14/2017 12:14:45 AM	180000.000	146.835	21.348
334.682	5578.429	5996.728	3.299
4.078	179.262	1.000	14.831
1/14/2017 12:29:45 AM	180900.000	146.837	21.346
334.686	5578.031	5996.561	3.299
4.078	179.275	1.000	14.834
1/14/2017 12:44:45 AM	181800.000	146.805	21.351
334.615	5578.803	5996.785	3.299
4.078	179.250	1.000	14.829
1/14/2017 12:59:45 AM	182700.000	146.833	21.352
334.678	5580.079	5998.006	3.299
4.079	179.209	1.000	14.834
1/14/2017 1:14:45 AM	183600.000	146.832	21.354
334.676	5580.311	5998.050	3.300
4.079	179.201	1.000	14.831
1/14/2017 1:29:45 AM	184500.000	146.840	21.352
334.694	5580.744	5998.721	3.300
4.079	179.188	1.000	14.825
1/14/2017 1:44:45 AM	185400.000	146.803	21.352
334.609	5580.068	5997.940	3.299
4.079	179.209	1.000	14.831
1/14/2017 1:59:45 AM	186300.000	146.833	21.355
334.677	5580.593	5998.159	3.300
4.079	179.192	1.000	14.830
1/14/2017 2:14:45 AM	187200.000	146.809	21.353
334.622	5581.255	5999.087	3.300
4.079	179.171	1.000	14.828
1/14/2017 2:29:45 AM	188100.000	146.843	21.356
334.701	5581.616	5999.194	3.300
4.079	179.160	1.000	14.828
1/14/2017 2:44:45 AM	189000.000	146.809	21.358
334.623	5581.565	5998.914	3.300
4.079	179.161	1.000	14.832
1/14/2017 2:59:45 AM	189900.000	146.841	21.358
334.696	5581.194	5998.472	3.300
4.079	179.173	1.000	14.830
1/14/2017 3:14:45 AM	190800.000	146.843	21.360
334.702	5582.520	5999.605	3.300
4.080	179.131	1.000	14.839
1/14/2017 3:29:45 AM	191700.000	146.815	21.358
334.637	5582.405	5999.729	3.301
4.080	179.134	1.000	14.825
1/14/2017 3:44:45 AM	192600.000	146.813	21.350
334.633	5582.476	6000.831	3.301
4.081	179.132	1.000	14.829
1/14/2017 3:59:45 AM	193500.000	146.821	21.324
334.650	5572.701	5993.558	3.297
4.076	179.446	1.000	14.828
1/14/2017 4:14:45 AM	194400.000	146.833	21.317
334.677	5558.520	5979.092	3.288
4.066	179.904	1.000	14.832
1/14/2017 4:29:45 AM	195300.000	146.830	21.317
334.670	5554.142	5974.404	3.286
4.063	180.046	1.000	14.840

1/14/2017 4:44:45 AM	196200.000	146.874	21.318
334.772	5551.400	5971.304	3.284
4.060	180.135	1.000	14.829
1/14/2017 4:59:45 AM	197100.000	146.837	21.319
334.688	5550.735	5970.471	3.283
4.060	180.156	1.000	14.837
1/14/2017 5:14:45 AM	198000.000	146.843	21.317
334.700	5550.133	5970.050	3.283
4.060	180.176	1.000	14.824
1/14/2017 5:29:45 AM	198900.000	146.834	21.320
334.680	5548.619	5968.120	3.282
4.058	180.225	1.000	14.838
1/14/2017 5:44:45 AM	199800.000	146.846	21.319
334.707	5548.868	5968.538	3.282
4.059	180.217	1.000	14.825
1/14/2017 5:59:45 AM	200700.000	146.875	21.317
334.774	5547.458	5967.280	3.281
4.058	180.263	1.000	14.827
1/14/2017 6:14:45 AM	201600.000	146.848	21.320
334.711	5547.198	5966.591	3.281
4.057	180.271	1.000	14.826
1/14/2017 6:29:45 AM	202500.000	146.851	21.319
334.718	5547.708	5967.225	3.281
4.058	180.255	1.000	14.827
1/14/2017 6:44:45 AM	203400.000	146.855	21.322
334.727	5547.113	5966.210	3.281
4.057	180.274	1.000	14.822
1/14/2017 6:59:45 AM	204300.000	146.801	21.322
334.605	5548.003	5967.157	3.281
4.058	180.245	1.000	14.831
1/14/2017 7:14:45 AM	205200.000	146.857	21.320
334.731	5547.149	5966.518	3.281
4.057	180.273	1.000	14.830
1/14/2017 7:29:45 AM	206100.000	146.887	21.324
334.802	5546.678	5965.527	3.280
4.057	180.288	1.000	14.829
1/14/2017 7:44:45 AM	207000.000	146.856	21.327
334.730	5547.705	5966.277	3.281
4.057	180.255	1.000	14.827
1/14/2017 7:59:45 AM	207900.000	146.886	21.324
334.799	5546.583	5965.467	3.280
4.057	180.291	1.000	14.829
1/14/2017 8:14:45 AM	208800.000	146.863	21.318
334.747	5546.442	5965.949	3.281
4.057	180.296	1.000	14.826
1/14/2017 8:29:45 AM	209700.000	146.851	21.323
334.719	5546.532	5965.553	3.280
4.057	180.293	1.000	14.832
1/14/2017 8:44:45 AM	210600.000	146.860	21.322
334.739	5547.268	5966.397	3.281
4.057	180.269	1.000	14.835
1/14/2017 8:59:45 AM	211500.000	146.852	21.320
334.721	5547.017	5966.354	3.281
4.057	180.277	1.000	14.838
1/14/2017 9:14:45 AM	212400.000	146.901	21.320
334.832	5545.410	5964.679	3.280

4.056	180.329	1.000	14.838
1/14/2017 9:29:45 AM	213300.000	146.855	21.321
334.728	5545.785	5964.899	3.280
4.056	180.317	1.000	14.843
1/14/2017 9:44:45 AM	214200.000	146.893	21.324
334.814	5546.596	5965.428	3.280
4.056	180.291	1.000	14.843
1/14/2017 9:59:45 AM	215100.000	146.850	21.325
334.717	5547.146	5965.945	3.281
4.057	180.273	1.000	14.844
1/14/2017 10:14:45 AM	216000.000	146.865	21.326
334.751	5547.807	5966.548	3.281
4.057	180.251	1.000	14.834
1/14/2017 10:29:45 AM	216900.000	146.870	21.318
334.761	5546.294	5965.824	3.281
4.057	180.301	1.000	14.833
1/14/2017 10:44:45 AM	217800.000	146.871	21.327
334.765	5547.455	5965.976	3.281
4.057	180.263	1.000	14.831
1/14/2017 10:59:45 AM	218700.000	146.879	21.327
334.783	5546.112	5964.490	3.280
4.056	180.307	1.000	14.828
1/14/2017 11:14:45 AM	219600.000	146.877	21.323
334.778	5546.283	5965.177	3.280
4.056	180.301	1.000	14.828
1/14/2017 11:29:45 AM	220500.000	146.871	21.321
334.765	5547.243	5966.499	3.281
4.057	180.270	1.000	14.827
1/14/2017 11:44:45 AM	221400.000	146.884	21.322
334.793	5546.389	5965.442	3.280
4.057	180.297	1.000	14.815
1/14/2017 11:59:45 AM	222300.000	146.919	21.325
334.874	5548.462	5967.295	3.281
4.058	180.230	1.000	14.818
1/14/2017 12:14:45 PM	223200.000	146.878	21.327
334.781	5548.342	5966.995	3.281
4.058	180.234	1.000	14.811
1/14/2017 12:29:45 PM	224100.000	146.882	21.329
334.788	5548.340	5966.691	3.281
4.057	180.234	1.000	14.810
1/14/2017 12:44:45 PM	225000.000	146.891	21.327
334.811	5549.013	5967.630	3.282
4.058	180.212	1.000	14.804
1/14/2017 12:59:45 PM	225900.000	146.895	21.330
334.819	5548.802	5967.070	3.281
4.058	180.219	1.000	14.801
1/14/2017 1:14:45 PM	226800.000	146.864	21.328
334.748	5548.865	5967.418	3.281
4.058	180.217	1.000	14.793
1/14/2017 1:29:45 PM	227700.000	146.910	21.326
334.853	5547.712	5966.339	3.281
4.057	180.254	1.000	14.794
1/14/2017 1:44:45 PM	228600.000	146.943	21.323
334.929	5547.469	5966.551	3.281
4.057	180.262	1.000	14.792
1/14/2017 1:59:45 PM	229500.000	146.905	21.320

334.843	5549.338	5968.873	3.282
4.059	180.202	1.000	14.795
1/14/2017 2:14:45 PM	230400.000	146.908	21.321
334.849	5548.175	5967.524	3.282
4.058	180.239	1.000	14.794
1/14/2017 2:29:45 PM	231300.000	146.907	21.328
334.845	5548.804	5967.352	3.281
4.058	180.219	1.000	14.798
1/14/2017 2:44:45 PM	232200.000	146.933	21.328
334.905	5550.359	5969.036	3.282
4.059	180.169	1.000	14.801
1/14/2017 2:59:45 PM	233100.000	146.911	21.320
334.856	5549.725	5969.331	3.283
4.059	180.189	1.000	14.793
1/14/2017 3:14:45 PM	234000.000	146.917	21.321
334.868	5549.429	5968.873	3.282
4.059	180.199	1.000	14.786
1/14/2017 3:29:45 PM	234900.000	146.905	21.323
334.841	5550.518	5969.775	3.283
4.059	180.163	1.000	14.794
1/14/2017 3:44:45 PM	235800.000	146.897	21.324
334.823	5549.963	5969.018	3.282
4.059	180.181	1.000	14.794
1/14/2017 3:59:45 PM	236700.000	146.893	21.326
334.815	5549.249	5968.034	3.282
4.058	180.205	1.000	14.797
1/14/2017 4:14:45 PM	237600.000	146.906	21.323
334.843	5550.595	5969.891	3.283
4.060	180.161	1.000	14.797
1/14/2017 4:29:45 PM	238500.000	146.859	21.322
334.738	5550.752	5970.178	3.283
4.060	180.156	1.000	14.805
1/14/2017 4:44:45 PM	239400.000	146.894	21.329
334.818	5550.719	5969.260	3.283
4.059	180.157	1.000	14.800
1/14/2017 4:59:45 PM	240300.000	146.893	21.326
334.813	5550.697	5969.602	3.283
4.059	180.158	1.000	14.804
1/14/2017 5:14:45 PM	241200.000	146.904	21.323
334.840	5551.256	5970.569	3.283
4.060	180.139	1.000	14.794
1/14/2017 5:29:45 PM	242100.000	146.895	21.324
334.819	5551.887	5971.075	3.284
4.060	180.119	1.000	14.795
1/14/2017 5:44:45 PM	243000.000	146.892	21.319
334.812	5549.782	5969.425	3.283
4.059	180.187	1.000	14.791
1/14/2017 5:59:45 PM	243900.000	146.890	21.320
334.808	5552.757	5972.582	3.285
4.061	180.091	1.000	14.797
1/14/2017 6:14:45 PM	244800.000	146.882	21.318
334.789	5551.832	5971.769	3.284
4.061	180.121	1.000	14.801
1/14/2017 6:29:45 PM	245700.000	146.887	21.318
334.800	5551.731	5971.660	3.284
4.061	180.124	1.000	14.795

1/14/2017 6:44:45 PM	246600.000	146.872	21.331
334.768	5552.895	5971.396	3.284
4.061	180.086	1.000	14.800
1/14/2017 6:59:45 PM	247500.000	146.876	21.333
334.775	5553.713	5971.977	3.284
4.061	180.060	1.000	14.791
1/14/2017 7:14:45 PM	248400.000	146.910	21.330
334.854	5551.733	5970.169	3.283
4.060	180.124	1.000	14.792
1/14/2017 7:29:45 PM	249300.000	146.874	21.325
334.772	5551.331	5970.414	3.283
4.060	180.137	1.000	14.796
1/14/2017 7:44:45 PM	250200.000	146.873	21.323
334.769	5552.151	5971.586	3.284
4.061	180.110	1.000	14.792
1/14/2017 7:59:45 PM	251100.000	146.860	21.328
334.739	5553.015	5971.870	3.284
4.061	180.082	1.000	14.793
1/14/2017 8:14:45 PM	252000.000	146.844	21.337
334.704	5553.126	5970.902	3.284
4.060	180.079	1.000	14.805
1/14/2017 8:29:45 PM	252900.000	146.862	21.336
334.745	5553.537	5971.475	3.284
4.061	180.065	1.000	14.793
1/14/2017 8:44:45 PM	253800.000	146.843	21.338
334.700	5555.336	5973.119	3.285
4.062	180.007	1.000	14.797
1/14/2017 8:59:45 PM	254700.000	146.856	21.326
334.730	5552.878	5971.981	3.284
4.061	180.087	1.000	14.791
1/14/2017 9:14:45 PM	255600.000	146.838	21.334
334.689	5554.407	5972.603	3.285
4.061	180.037	1.000	14.800
1/14/2017 9:29:45 PM	256500.000	146.846	21.338
334.708	5554.369	5972.132	3.284
4.061	180.038	1.000	14.793
1/14/2017 9:44:45 PM	257400.000	146.876	21.341
334.775	5556.359	5973.875	3.285
4.062	179.974	1.000	14.794
1/14/2017 9:59:45 PM	258300.000	146.834	21.339
334.681	5554.968	5972.659	3.285
4.061	180.019	1.000	14.792
1/14/2017 10:14:45 PM	259200.000	146.839	21.328
334.691	5554.061	5972.973	3.285
4.062	180.048	1.000	14.792
1/14/2017 10:29:45 PM	260100.000	146.836	21.324
334.685	5553.626	5973.053	3.285
4.062	180.063	1.000	14.794
1/14/2017 10:44:45 PM	261000.000	146.875	21.323
334.773	5552.851	5972.338	3.284
4.061	180.088	1.000	14.797
1/14/2017 10:59:45 PM	261900.000	146.831	21.322
334.672	5554.091	5973.726	3.285
4.062	180.047	1.000	14.791
1/14/2017 11:14:45 PM	262800.000	146.828	21.320
334.666	5554.497	5974.366	3.286

4.063	180.034	1.000	14.795
1/14/2017 11:29:45 PM	263700.000	146.823	21.322
334.656	5553.847	5973.441	3.285
4.062	180.055	1.000	14.796
1/14/2017 11:44:45 PM	264600.000	146.818	21.321
334.643	5553.085	5972.805	3.285
4.062	180.080	1.000	14.802
1/14/2017 11:59:45 PM	265500.000	146.823	21.322
334.654	5553.118	5972.722	3.285
4.061	180.079	1.000	14.797
1/15/2017 12:14:45 AM	266400.000	146.820	21.327
334.648	5554.310	5973.316	3.285
4.062	180.040	1.000	14.799
1/15/2017 12:29:45 AM	267300.000	146.812	21.333
334.630	5555.743	5974.115	3.285
4.062	179.994	1.000	14.797
1/15/2017 12:44:45 AM	268200.000	146.857	21.340
334.732	5555.338	5972.819	3.285
4.062	180.007	1.000	14.790
1/15/2017 12:59:45 AM	269100.000	146.814	21.345
334.633	5556.402	5973.394	3.285
4.062	179.973	1.000	14.793
1/15/2017 1:14:45 AM	270000.000	146.814	21.342
334.634	5556.660	5974.036	3.285
4.062	179.964	1.000	14.794
1/15/2017 1:29:45 AM	270900.000	146.859	21.344
334.737	5559.301	5976.705	3.287
4.064	179.879	1.000	14.787
1/15/2017 1:44:45 AM	271800.000	146.828	21.339
334.667	5556.890	5974.627	3.286
4.063	179.957	1.000	14.793
1/15/2017 1:59:45 AM	272700.000	146.824	21.335
334.657	5557.317	5975.572	3.286
4.063	179.943	1.000	14.794
1/15/2017 2:14:45 AM	273600.000	146.844	21.327
334.703	5557.058	5976.261	3.287
4.064	179.951	1.000	14.787
1/15/2017 2:29:45 AM	274500.000	146.823	21.337
334.655	5557.748	5975.883	3.286
4.064	179.929	1.000	14.796
1/15/2017 2:44:45 AM	275400.000	146.827	21.340
334.665	5557.152	5974.866	3.286
4.063	179.948	1.000	14.800
1/15/2017 2:59:45 AM	276300.000	146.832	21.334
334.676	5556.744	5975.125	3.286
4.063	179.962	1.000	14.794
1/15/2017 3:14:45 AM	277200.000	146.833	21.338
334.678	5557.441	5975.425	3.286
4.063	179.939	1.000	14.798
1/15/2017 3:29:45 AM	278100.000	146.834	21.339
334.680	5558.320	5976.262	3.287
4.064	179.910	1.000	14.794
1/15/2017 3:44:45 AM	279000.000	146.870	21.345
334.761	5557.905	5975.020	3.286
4.063	179.924	1.000	14.792
1/15/2017 3:59:45 AM	279900.000	146.867	21.345

334.754	5558.730	5975.972	3.287
4.064	179.897	1.000	14.798
1/15/2017 4:14:45 AM	280800.000	146.833	21.343
334.678	5558.570	5975.973	3.287
4.064	179.902	1.000	14.798
1/15/2017 4:29:45 AM	281700.000	146.844	21.344
334.703	5558.456	5975.785	3.286
4.064	179.906	1.000	14.788
1/15/2017 4:44:45 AM	282600.000	146.880	21.343
334.784	5559.161	5976.586	3.287
4.064	179.883	1.000	14.791
1/15/2017 4:59:45 AM	283500.000	146.889	21.341
334.805	5558.696	5976.388	3.287
4.064	179.898	1.000	14.787
1/15/2017 5:14:45 AM	284400.000	146.879	21.338
334.783	5558.810	5976.821	3.287
4.064	179.895	1.000	14.792
1/15/2017 5:29:45 AM	285300.000	146.840	21.342
334.695	5558.164	5975.664	3.286
4.063	179.916	1.000	14.790
1/15/2017 5:44:45 AM	286200.000	146.842	21.339
334.698	5558.292	5976.210	3.287
4.064	179.911	1.000	14.792
1/15/2017 5:59:45 AM	287100.000	146.844	21.342
334.703	5559.551	5977.155	3.287
4.064	179.871	1.000	14.786
1/15/2017 6:14:45 AM	288000.000	146.846	21.341
334.706	5559.322	5977.061	3.287
4.064	179.878	1.000	14.793
1/15/2017 6:29:45 AM	288900.000	146.925	21.341
334.887	5559.064	5976.793	3.287
4.064	179.886	1.000	14.792
1/15/2017 6:44:45 AM	289800.000	146.890	21.338
334.808	5558.855	5976.924	3.287
4.064	179.893	1.000	14.786
1/15/2017 6:59:45 AM	290700.000	146.890	21.335
334.807	5559.105	5977.580	3.287
4.065	179.885	1.000	14.789
1/15/2017 7:14:45 AM	291600.000	146.859	21.333
334.737	5559.431	5978.081	3.288
4.065	179.875	1.000	14.789
1/15/2017 7:29:45 AM	292500.000	146.850	21.332
334.717	5559.351	5978.146	3.288
4.065	179.877	1.000	14.787
1/15/2017 7:44:45 AM	293400.000	146.857	21.331
334.732	5558.444	5977.353	3.287
4.065	179.906	1.000	14.786
1/15/2017 7:59:45 AM	294300.000	146.884	21.334
334.795	5559.398	5978.024	3.288
4.065	179.876	1.000	14.793
1/15/2017 8:14:45 AM	295200.000	146.857	21.338
334.732	5559.148	5977.186	3.287
4.064	179.884	1.000	14.792
1/15/2017 8:29:45 AM	296100.000	146.888	21.343
334.802	5560.630	5978.145	3.288
4.065	179.836	1.000	14.794

1/15/2017 8:44:45 AM	297000.000	146.862	21.339
334.744	5561.130	5979.209	3.288
4.066	179.820	1.000	14.799
1/15/2017 8:59:45 AM	297900.000	146.854	21.333
334.726	5560.369	5979.111	3.288
4.066	179.844	1.000	14.803
1/15/2017 9:14:45 AM	298800.000	146.893	21.335
334.815	5559.954	5978.396	3.288
4.065	179.858	1.000	14.804
1/15/2017 9:29:45 AM	299700.000	146.852	21.335
334.722	5560.233	5978.708	3.288
4.066	179.849	1.000	14.803
1/15/2017 9:44:45 AM	300600.000	146.855	21.337
334.728	5560.724	5979.052	3.288
4.066	179.833	1.000	14.806
1/15/2017 9:59:45 AM	301500.000	146.858	21.329
334.735	5559.708	5978.938	3.288
4.066	179.866	1.000	14.806
1/15/2017 10:14:45 AM	302400.000	146.821	21.323
334.650	5560.444	5980.430	3.289
4.067	179.842	1.000	14.812
1/15/2017 10:29:45 AM	303300.000	146.856	21.325
334.731	5559.995	5979.732	3.289
4.066	179.856	1.000	14.814
1/15/2017 10:44:45 AM	304200.000	146.864	21.328
334.748	5560.325	5979.667	3.289
4.066	179.846	1.000	14.811
1/15/2017 10:59:45 AM	305100.000	146.860	21.331
334.739	5561.156	5980.237	3.289
4.067	179.819	1.000	14.809
1/15/2017 11:14:45 AM	306000.000	146.902	21.327
334.834	5560.667	5980.207	3.289
4.067	179.835	1.000	14.804
1/15/2017 11:29:45 AM	306900.000	146.906	21.325
334.843	5560.172	5979.923	3.289
4.066	179.851	1.000	14.803
1/15/2017 11:44:45 AM	307800.000	146.868	21.322
334.757	5560.496	5980.593	3.289
4.067	179.840	1.000	14.799
1/15/2017 11:59:45 AM	308700.000	146.871	21.328
334.763	5560.619	5979.972	3.289
4.066	179.836	1.000	14.793
1/15/2017 12:14:45 PM	309600.000	146.871	21.337
334.765	5562.343	5980.759	3.289
4.067	179.780	1.000	14.792
1/15/2017 12:29:45 PM	310500.000	146.914	21.342
334.863	5563.131	5981.014	3.289
4.067	179.755	1.000	14.782
1/15/2017 12:44:45 PM	311400.000	146.913	21.343
334.861	5563.277	5981.086	3.290
4.067	179.750	1.000	14.779
1/15/2017 12:59:45 PM	312300.000	146.921	21.343
334.879	5563.864	5981.686	3.290
4.068	179.731	1.000	14.773
1/15/2017 1:14:45 PM	313200.000	146.887	21.341
334.800	5563.026	5981.053	3.290

4.067	179.758	1.000	14.769
1/15/2017 1:29:45 PM	314100.000	146.877	21.339
334.779	5562.563	5980.771	3.289
4.067	179.773	1.000	14.779
1/15/2017 1:44:45 PM	315000.000	146.923	21.339
334.882	5563.494	5981.826	3.290
4.068	179.743	1.000	14.769
1/15/2017 1:59:45 PM	315900.000	146.885	21.344
334.796	5563.637	5981.301	3.290
4.067	179.739	1.000	14.770
1/15/2017 2:14:45 PM	316800.000	146.885	21.345
334.797	5565.078	5982.688	3.290
4.068	179.692	1.000	14.778
1/15/2017 2:29:45 PM	317700.000	146.914	21.344
334.861	5564.375	5982.127	3.290
4.068	179.715	1.000	14.780
1/15/2017 2:44:45 PM	318600.000	146.890	21.343
334.808	5563.313	5981.050	3.290
4.067	179.749	1.000	14.774
1/15/2017 2:59:45 PM	319500.000	146.900	21.336
334.830	5564.119	5982.789	3.291
4.068	179.723	1.000	14.770
1/15/2017 3:14:45 PM	320400.000	146.894	21.339
334.817	5564.423	5982.781	3.291
4.068	179.713	1.000	14.774
1/15/2017 3:29:45 PM	321300.000	146.889	21.332
334.806	5563.134	5982.256	3.290
4.068	179.755	1.000	14.777
1/15/2017 3:44:45 PM	322200.000	146.935	21.341
334.909	5564.269	5982.303	3.290
4.068	179.718	1.000	14.773
1/15/2017 3:59:45 PM	323100.000	146.889	21.340
334.805	5565.797	5984.129	3.291
4.069	179.669	1.000	14.776
1/15/2017 4:14:45 PM	324000.000	146.891	21.337
334.809	5563.324	5981.814	3.290
4.068	179.749	1.000	14.781
1/15/2017 4:29:45 PM	324900.000	146.890	21.339
334.808	5564.156	5982.483	3.290
4.068	179.722	1.000	14.773
1/15/2017 4:44:45 PM	325800.000	146.890	21.340
334.807	5565.283	5983.620	3.291
4.069	179.685	1.000	14.779
1/15/2017 4:59:45 PM	326700.000	146.896	21.337
334.821	5563.433	5981.899	3.290
4.068	179.745	1.000	14.776
1/15/2017 5:14:45 PM	327600.000	146.889	21.337
334.805	5564.832	5983.394	3.291
4.069	179.700	1.000	14.772
1/15/2017 5:29:45 PM	328500.000	146.887	21.333
334.801	5563.815	5982.827	3.291
4.068	179.733	1.000	14.783
1/15/2017 5:44:45 PM	329400.000	146.892	21.330
334.813	5564.827	5984.368	3.291
4.069	179.700	1.000	14.778
1/15/2017 5:59:45 PM	330300.000	146.888	21.324

334.802	5564.321	5984.480	3.292
4.069	179.716	1.000	14.779
1/15/2017 6:14:45 PM	331200.000	146.893	21.323
334.815	5563.527	5983.735	3.291
4.069	179.742	1.000	14.774
1/15/2017 6:29:45 PM	332100.000	146.917	21.324
334.869	5565.149	5985.424	3.292
4.070	179.690	1.000	14.781
1/15/2017 6:44:45 PM	333000.000	146.889	21.325
334.805	5563.041	5983.029	3.291
4.068	179.758	1.000	14.780
1/15/2017 6:59:45 PM	333900.000	146.909	21.326
334.851	5564.188	5984.069	3.291
4.069	179.721	1.000	14.789
1/15/2017 7:14:45 PM	334800.000	146.880	21.327
334.784	5563.186	5982.926	3.291
4.068	179.753	1.000	14.784
1/15/2017 7:29:45 PM	335700.000	146.877	21.329
334.777	5564.430	5984.060	3.291
4.069	179.713	1.000	14.786
1/15/2017 7:44:45 PM	336600.000	146.871	21.325
334.765	5564.833	5984.902	3.292
4.070	179.700	1.000	14.787
1/15/2017 7:59:45 PM	337500.000	146.865	21.322
334.750	5563.946	5984.379	3.291
4.069	179.729	1.000	14.794
1/15/2017 8:14:45 PM	338400.000	146.869	21.323
334.760	5562.562	5982.729	3.290
4.068	179.773	1.000	14.786
1/15/2017 8:29:45 PM	339300.000	146.886	21.327
334.798	5564.426	5984.228	3.291
4.069	179.713	1.000	14.790
1/15/2017 8:44:45 PM	340200.000	146.886	21.333
334.799	5565.711	5984.855	3.292
4.070	179.672	1.000	14.792
1/15/2017 8:59:45 PM	341100.000	146.849	21.333
334.714	5564.353	5983.395	3.291
4.069	179.715	1.000	14.792
1/15/2017 9:14:45 PM	342000.000	146.847	21.342
334.710	5567.094	5985.222	3.292
4.070	179.627	1.000	14.795
1/15/2017 9:29:45 PM	342900.000	146.842	21.342
334.698	5566.310	5984.389	3.291
4.069	179.652	1.000	14.792
1/15/2017 9:44:45 PM	343800.000	146.836	21.338
334.685	5566.183	5984.781	3.292
4.070	179.656	1.000	14.792
1/15/2017 9:59:45 PM	344700.000	146.892	21.342
334.813	5566.543	5984.630	3.292
4.070	179.645	1.000	14.790
1/15/2017 10:14:45 PM	345600.000	146.835	21.345
334.681	5566.805	5984.556	3.292
4.069	179.636	1.000	14.792
1/15/2017 10:29:45 PM	346500.000	146.829	21.342
334.668	5567.329	5985.464	3.292
4.070	179.619	1.000	14.798

1/15/2017 10:44:45 PM	347400.000	146.865	21.340
334.751	5566.943	5985.372	3.292
4.070	179.632	1.000	14.800
1/15/2017 10:59:45 PM	348300.000	146.817	21.345
334.641	5567.604	5985.458	3.292
4.070	179.610	1.000	14.801
1/15/2017 11:14:45 PM	349200.000	146.824	21.344
334.657	5568.455	5986.502	3.293
4.071	179.583	1.000	14.796
1/15/2017 11:29:45 PM	350100.000	146.849	21.349
334.714	5569.040	5986.486	3.293
4.071	179.564	1.000	14.811
1/15/2017 11:44:45 PM	351000.000	146.855	21.345
334.728	5568.198	5986.107	3.292
4.071	179.591	1.000	14.800
1/15/2017 11:59:45 PM	351900.000	146.863	21.347
334.745	5568.913	5986.638	3.293
4.071	179.568	1.000	14.797
1/16/2017 12:14:45 AM	352800.000	146.817	21.345
334.640	5567.536	5985.320	3.292
4.070	179.613	1.000	14.797
1/16/2017 12:29:45 AM	353700.000	146.850	21.347
334.716	5567.205	5984.803	3.292
4.070	179.623	1.000	14.794
1/16/2017 12:44:45 AM	354600.000	146.858	21.343
334.735	5567.870	5986.012	3.292
4.070	179.602	1.000	14.793
1/16/2017 12:59:45 AM	355500.000	146.858	21.348
334.736	5567.898	5985.451	3.292
4.070	179.601	1.000	14.792
1/16/2017 1:14:45 AM	356400.000	146.860	21.344
334.739	5568.410	5986.486	3.293
4.071	179.584	1.000	14.791
1/16/2017 1:29:45 AM	357300.000	146.823	21.341
334.656	5567.821	5986.144	3.293
4.071	179.603	1.000	14.789
1/16/2017 1:44:45 AM	358200.000	146.862	21.340
334.743	5568.367	5986.827	3.293
4.071	179.586	1.000	14.788
1/16/2017 1:59:45 AM	359100.000	146.853	21.348
334.723	5567.257	5984.665	3.292
4.070	179.622	1.000	14.788
1/16/2017 2:14:45 AM	360000.000	146.862	21.348
334.744	5569.220	5986.765	3.293
4.071	179.558	1.000	14.782
1/16/2017 2:29:45 AM	360900.000	146.873	21.350
334.768	5567.942	5985.218	3.292
4.070	179.600	1.000	14.775
1/16/2017 2:44:45 AM	361800.000	146.876	21.349
334.776	5567.615	5985.007	3.292
4.070	179.610	1.000	14.779
1/16/2017 2:59:45 AM	362700.000	146.837	21.339
334.688	5568.014	5986.588	3.293
4.071	179.597	1.000	14.779
1/16/2017 3:14:45 AM	363600.000	146.887	21.334
334.801	5567.274	5986.417	3.293

4.071	179.621	1.000	14.784
1/16/2017 3:29:45 AM	364500.000	146.851	21.330
334.719	5566.184	5985.762	3.292
4.070	179.656	1.000	14.789
1/16/2017 3:44:45 AM	365400.000	146.842	21.335
334.699	5566.558	5985.614	3.292
4.070	179.644	1.000	14.785
1/16/2017 3:59:45 AM	366300.000	146.845	21.339
334.705	5566.621	5985.079	3.292
4.070	179.642	1.000	14.788
1/16/2017 4:14:45 AM	367200.000	146.843	21.346
334.701	5567.949	5985.743	3.292
4.070	179.599	1.000	14.782
1/16/2017 4:29:45 AM	368100.000	146.845	21.342
334.706	5568.672	5986.940	3.293
4.071	179.576	1.000	14.784
1/16/2017 4:44:45 AM	369000.000	146.890	21.342
334.808	5568.482	5986.822	3.293
4.071	179.582	1.000	14.785
1/16/2017 4:59:45 AM	369900.000	146.850	21.340
334.716	5568.294	5986.824	3.293
4.071	179.588	1.000	14.780
1/16/2017 5:14:45 AM	370800.000	146.844	21.343
334.702	5567.225	5985.288	3.292
4.070	179.623	1.000	14.793
1/16/2017 5:29:45 AM	371700.000	146.894	21.336
334.817	5567.178	5986.099	3.292
4.071	179.624	1.000	14.792
1/16/2017 5:44:45 AM	372600.000	146.858	21.332
334.734	5566.544	5985.944	3.292
4.070	179.645	1.000	14.795
1/16/2017 5:59:45 AM	373500.000	146.882	21.340
334.790	5567.754	5986.169	3.293
4.071	179.606	1.000	14.795
1/16/2017 6:14:45 AM	374400.000	146.858	21.341
334.734	5567.320	5985.660	3.292
4.070	179.620	1.000	14.792
1/16/2017 6:29:45 AM	375300.000	146.853	21.336
334.724	5567.431	5986.349	3.293
4.071	179.616	1.000	14.793
1/16/2017 6:44:45 AM	376200.000	146.849	21.330
334.714	5567.629	5987.274	3.293
4.071	179.610	1.000	14.798
1/16/2017 6:59:45 AM	377100.000	146.866	21.329
334.752	5567.304	5987.096	3.293
4.071	179.620	1.000	14.789
1/16/2017 7:14:45 AM	378000.000	146.857	21.323
334.733	5566.494	5986.915	3.293
4.071	179.646	1.000	14.801
1/16/2017 7:29:45 AM	378900.000	146.894	21.332
334.817	5568.169	5987.606	3.293
4.072	179.592	1.000	14.797
1/16/2017 7:44:45 AM	379800.000	146.895	21.342
334.818	5569.241	5987.530	3.293
4.072	179.558	1.000	14.800
1/16/2017 7:59:45 AM	380700.000	146.868	21.335

334.757	5567.730	5986.875	3.293
4.071	179.606	1.000	14.792
1/16/2017 8:14:45 AM	381600.000	146.891	21.338
334.809	5567.852	5986.576	3.293
4.071	179.602	1.000	14.802
1/16/2017 8:29:45 AM	382500.000	146.859	21.341
334.738	5569.625	5988.106	3.294
4.072	179.545	1.000	14.808
1/16/2017 8:44:45 AM	383400.000	146.888	21.343
334.804	5568.355	5986.556	3.293
4.071	179.586	1.000	14.805
1/16/2017 8:59:45 AM	384300.000	146.895	21.342
334.820	5569.496	5987.826	3.293
4.072	179.549	1.000	14.807
1/16/2017 9:14:45 AM	385200.000	146.892	21.344
334.813	5568.972	5987.026	3.293
4.071	179.566	1.000	14.809
1/16/2017 9:29:45 AM	386100.000	146.899	21.344
334.828	5570.638	5988.871	3.294
4.072	179.513	1.000	14.801
1/16/2017 9:44:45 AM	387000.000	146.863	21.341
334.745	5569.735	5988.267	3.294
4.072	179.542	1.000	14.807
1/16/2017 9:59:45 AM	387900.000	146.858	21.341
334.735	5569.975	5988.460	3.294
4.072	179.534	1.000	14.812
1/16/2017 10:14:45 AM	388800.000	146.863	21.342
334.745	5570.493	5988.898	3.294
4.072	179.517	1.000	14.809
1/16/2017 10:29:45 AM	389700.000	146.858	21.342
334.734	5570.917	5989.332	3.294
4.073	179.504	1.000	14.815
1/16/2017 10:44:45 AM	390600.000	146.862	21.342
334.744	5569.823	5988.199	3.294
4.072	179.539	1.000	14.812
1/16/2017 10:59:45 AM	391500.000	146.866	21.344
334.753	5570.370	5988.517	3.294
4.072	179.521	1.000	14.809
1/16/2017 11:14:45 AM	392400.000	146.864	21.333
334.748	5569.226	5988.710	3.294
4.072	179.558	1.000	14.809
1/16/2017 11:29:45 AM	393300.000	146.897	21.340
334.822	5569.140	5987.745	3.293
4.072	179.561	1.000	14.811
1/16/2017 11:44:45 AM	394200.000	146.870	21.344
334.761	5571.483	5989.704	3.295
4.073	179.485	1.000	14.806
1/16/2017 11:59:45 AM	395100.000	146.906	21.340
334.844	5570.615	5989.310	3.294
4.073	179.513	1.000	14.795
1/16/2017 12:14:45 PM	396000.000	146.908	21.341
334.849	5570.668	5989.292	3.294
4.073	179.512	1.000	14.792
1/16/2017 12:29:45 PM	396900.000	146.878	21.340
334.779	5570.189	5988.787	3.294
4.072	179.527	1.000	14.790

1/16/2017 12:44:45 PM	397800.000	146.880	21.336
334.784	5570.588	5989.754	3.295
4.073	179.514	1.000	14.788
1/16/2017 12:59:45 PM	398700.000	146.883	21.333
334.791	5569.735	5989.216	3.294
4.073	179.542	1.000	14.786
1/16/2017 1:14:45 PM	399600.000	146.892	21.326
334.813	5570.126	5990.454	3.295
4.074	179.529	1.000	14.779
1/16/2017 1:29:45 PM	400500.000	146.891	21.329
334.810	5569.070	5989.006	3.294
4.073	179.563	1.000	14.778
1/16/2017 1:44:45 PM	401400.000	146.895	21.323
334.820	5569.106	5989.822	3.295
4.073	179.562	1.000	14.777
1/16/2017 1:59:45 PM	402300.000	146.900	21.325
334.830	5568.857	5989.316	3.294
4.073	179.570	1.000	14.770
1/16/2017 2:14:45 PM	403200.000	146.893	21.329
334.815	5569.334	5989.291	3.294
4.073	179.555	1.000	14.773
1/16/2017 2:29:45 PM	404100.000	146.889	21.338
334.805	5571.537	5990.560	3.295
4.074	179.484	1.000	14.775
1/16/2017 2:44:45 PM	405000.000	146.933	21.340
334.906	5571.389	5990.088	3.295
4.073	179.488	1.000	14.775
1/16/2017 2:59:45 PM	405900.000	146.893	21.340
334.813	5571.144	5989.910	3.295
4.073	179.496	1.000	14.770
1/16/2017 3:14:45 PM	406800.000	146.900	21.340
334.831	5571.998	5990.818	3.295
4.074	179.469	1.000	14.771
1/16/2017 3:29:45 PM	407700.000	146.941	21.335
334.924	5569.589	5988.768	3.294
4.072	179.546	1.000	14.769
1/16/2017 3:44:45 PM	408600.000	146.897	21.338
334.824	5571.800	5990.874	3.295
4.074	179.475	1.000	14.771
1/16/2017 3:59:45 PM	409500.000	146.905	21.337
334.843	5571.379	5990.444	3.295
4.074	179.489	1.000	14.769
1/16/2017 4:14:45 PM	410400.000	146.895	21.335
334.819	5570.927	5990.248	3.295
4.073	179.503	1.000	14.771
1/16/2017 4:29:45 PM	411300.000	146.928	21.329
334.895	5570.367	5990.336	3.295
4.073	179.521	1.000	14.775
1/16/2017 4:44:45 PM	412200.000	146.892	21.342
334.813	5572.221	5990.842	3.295
4.074	179.462	1.000	14.770
1/16/2017 4:59:45 PM	413100.000	146.899	21.343
334.828	5573.146	5991.675	3.296
4.074	179.432	1.000	14.765
1/16/2017 5:14:45 PM	414000.000	146.930	21.339
334.899	5571.810	5990.692	3.295

4.074	179.475	1.000	14.771
1/16/2017 5:29:45 PM	414900.000	146.930	21.345
334.898	5573.132	5991.348	3.296
4.074	179.432	1.000	14.770
1/16/2017 5:44:45 PM	415800.000	146.881	21.345
334.787	5573.433	5991.724	3.296
4.074	179.423	1.000	14.776
1/16/2017 5:59:45 PM	416700.000	146.918	21.341
334.872	5572.447	5991.161	3.295
4.074	179.454	1.000	14.775
1/16/2017 6:14:45 PM	417600.000	146.927	21.344
334.891	5572.901	5991.305	3.296
4.074	179.440	1.000	14.770
1/16/2017 6:29:45 PM	418500.000	146.924	21.346
334.885	5572.804	5990.908	3.295
4.074	179.443	1.000	14.769
1/16/2017 6:44:45 PM	419400.000	146.882	21.337
334.790	5572.970	5992.154	3.296
4.075	179.438	1.000	14.771
1/16/2017 6:59:45 PM	420300.000	146.888	21.345
334.802	5573.576	5991.900	3.296
4.074	179.418	1.000	14.769
1/16/2017 7:14:45 PM	421200.000	146.924	21.349
334.886	5573.821	5991.678	3.296
4.074	179.410	1.000	14.771
1/16/2017 7:29:45 PM	422100.000	146.882	21.346
334.790	5574.106	5992.361	3.296
4.075	179.401	1.000	14.775
1/16/2017 7:44:45 PM	423000.000	146.918	21.345
334.872	5573.396	5991.728	3.296
4.074	179.424	1.000	14.770
1/16/2017 7:59:45 PM	423900.000	146.884	21.346
334.794	5573.943	5992.176	3.296
4.075	179.406	1.000	14.771
1/16/2017 8:14:45 PM	424800.000	146.922	21.346
334.881	5573.185	5991.275	3.296
4.074	179.431	1.000	14.773
1/16/2017 8:29:45 PM	425700.000	146.904	21.343
334.839	5573.557	5992.139	3.296
4.075	179.419	1.000	14.779
1/16/2017 8:44:45 PM	426600.000	146.901	21.345
334.833	5574.674	5993.037	3.297
4.075	179.383	1.000	14.784
1/16/2017 8:59:45 PM	427500.000	146.855	21.347
334.728	5574.114	5992.155	3.296
4.075	179.401	1.000	14.790
1/16/2017 9:14:45 PM	428400.000	146.857	21.347
334.733	5573.917	5991.931	3.296
4.075	179.407	1.000	14.786
1/16/2017 9:29:45 PM	429300.000	146.861	21.343
334.741	5574.151	5992.755	3.296
4.075	179.400	1.000	14.778
1/16/2017 9:44:45 PM	430200.000	146.883	21.348
334.792	5574.802	5992.872	3.296
4.075	179.379	1.000	14.783
1/16/2017 9:59:45 PM	431100.000	146.848	21.349

334.711	5574.979	5992.837	3.296
4.075	179.373	1.000	14.785
1/16/2017 10:14:45 PM	432000.000	146.849	21.352
334.714	5574.395	5991.917	3.296
4.075	179.392	1.000	14.779
1/16/2017 10:29:45 PM	432900.000	146.883	21.347
334.791	5575.109	5993.247	3.297
4.075	179.369	1.000	14.779
1/16/2017 10:44:45 PM	433800.000	146.889	21.333
334.806	5573.267	5993.013	3.297
4.075	179.428	1.000	14.784
1/16/2017 10:59:45 PM	434700.000	146.847	21.330
334.709	5574.390	5994.587	3.297
4.076	179.392	1.000	14.785
1/16/2017 11:14:45 PM	435600.000	146.850	21.332
334.716	5573.622	5993.567	3.297
4.076	179.417	1.000	14.780
1/16/2017 11:29:45 PM	436500.000	146.896	21.333
334.822	5573.633	5993.438	3.297
4.076	179.416	1.000	14.774
1/16/2017 11:44:45 PM	437400.000	146.852	21.336
334.720	5574.612	5994.092	3.297
4.076	179.385	1.000	14.776
1/16/2017 11:59:45 PM	438300.000	146.925	21.335
334.886	5573.692	5993.211	3.297
4.075	179.414	1.000	14.778
1/17/2017 12:14:45 AM	439200.000	146.876	21.337
334.775	5575.706	5995.192	3.298
4.077	179.349	1.000	14.775
1/17/2017 12:29:45 AM	440100.000	146.841	21.337
334.697	5574.864	5994.287	3.297
4.076	179.377	1.000	14.776
1/17/2017 12:44:45 AM	441000.000	146.882	21.337
334.789	5575.030	5994.412	3.297
4.076	179.371	1.000	14.775
1/17/2017 12:59:45 AM	441900.000	146.829	21.338
334.668	5575.564	5994.815	3.298
4.076	179.354	1.000	14.780
1/17/2017 1:14:45 AM	442800.000	146.848	21.340
334.711	5575.908	5995.043	3.298
4.077	179.343	1.000	14.774
1/17/2017 1:29:45 AM	443700.000	146.844	21.341
334.702	5575.897	5994.913	3.298
4.077	179.343	1.000	14.775
1/17/2017 1:44:45 AM	444600.000	146.846	21.341
334.708	5576.326	5995.332	3.298
4.077	179.330	1.000	14.782
1/17/2017 1:59:45 AM	445500.000	146.846	21.343
334.708	5577.034	5995.790	3.298
4.077	179.307	1.000	14.780
1/17/2017 2:14:45 AM	446400.000	146.893	21.345
334.814	5576.406	5994.867	3.298
4.077	179.327	1.000	14.775
1/17/2017 2:29:45 AM	447300.000	146.892	21.343
334.812	5578.263	5997.197	3.299
4.078	179.267	1.000	14.775

1/17/2017 2:44:45 AM	448200.000	146.888	21.345
334.802	5576.867	5995.383	3.298
4.077	179.312	1.000	14.772
1/17/2017 2:59:45 AM	449100.000	146.842	21.345
334.698	5577.720	5996.388	3.299
4.078	179.285	1.000	14.777
1/17/2017 3:14:45 AM	450000.000	146.848	21.344
334.711	5577.207	5995.956	3.298
4.077	179.301	1.000	14.777
1/17/2017 3:29:45 AM	450900.000	146.858	21.344
334.734	5579.414	5998.218	3.300
4.079	179.230	1.000	14.767
1/17/2017 3:44:45 AM	451800.000	146.856	21.348
334.731	5579.255	5997.648	3.299
4.078	179.235	1.000	14.776
1/17/2017 3:59:45 AM	452700.000	146.893	21.350
334.815	5580.145	5998.347	3.300
4.079	179.207	1.000	14.775
1/17/2017 4:14:45 AM	453600.000	146.896	21.347
334.822	5579.009	5997.470	3.299
4.078	179.243	1.000	14.778
1/17/2017 4:29:45 AM	454500.000	146.899	21.348
334.829	5578.922	5997.237	3.299
4.078	179.246	1.000	14.773
1/17/2017 4:44:45 AM	455400.000	146.900	21.347
334.831	5579.061	5997.581	3.299
4.078	179.242	1.000	14.774
1/17/2017 4:59:45 AM	456300.000	146.857	21.350
334.731	5579.440	5997.568	3.299
4.078	179.229	1.000	14.784
1/17/2017 5:14:45 AM	457200.000	146.904	21.354
334.840	5579.411	5997.061	3.299
4.078	179.230	1.000	14.770
1/17/2017 5:29:45 AM	458100.000	146.866	21.349
334.753	5579.449	5997.664	3.299
4.078	179.229	1.000	14.775
1/17/2017 5:44:45 AM	459000.000	146.871	21.351
334.764	5580.393	5998.483	3.300
4.079	179.199	1.000	14.773
1/17/2017 5:59:45 AM	459900.000	146.871	21.353
334.765	5580.703	5998.558	3.300
4.079	179.189	1.000	14.772
1/17/2017 6:14:45 AM	460800.000	146.870	21.353
334.762	5582.140	6000.048	3.301
4.080	179.143	1.000	14.773
1/17/2017 6:29:45 AM	461700.000	146.906	21.356
334.843	5581.106	5998.612	3.300
4.079	179.176	1.000	14.773
1/17/2017 6:44:45 AM	462600.000	146.867	21.353
334.756	5581.528	5999.478	3.300
4.080	179.162	1.000	14.775
1/17/2017 6:59:45 AM	463500.000	146.911	21.347
334.856	5581.398	5999.996	3.301
4.080	179.167	1.000	14.773
1/17/2017 7:14:45 AM	464400.000	146.871	21.330
334.765	5577.734	5998.130	3.300

4.079	179.284	1.000	14.781
1/17/2017 7:29:45 AM	465300.000	146.889	21.320
334.806	5569.155	5990.133	3.295
4.073	179.560	1.000	14.775
1/17/2017 7:44:45 AM	466200.000	146.882	21.322
334.789	5563.912	5984.257	3.291
4.069	179.730	1.000	14.780
1/17/2017 7:59:45 AM	467100.000	146.897	21.323
334.824	5561.515	5981.636	3.290
4.068	179.807	1.000	14.769
1/17/2017 8:14:45 AM	468000.000	146.928	21.324
334.894	5560.600	5980.521	3.289
4.067	179.837	1.000	14.767
1/17/2017 8:29:45 AM	468900.000	146.894	21.321
334.817	5559.610	5979.845	3.289
4.066	179.869	1.000	14.750
1/17/2017 8:44:45 AM	469800.000	146.899	21.324
334.828	5559.330	5979.102	3.288
4.066	179.878	1.000	14.755
1/17/2017 8:59:45 AM	470700.000	146.932	21.317
334.904	5557.664	5978.204	3.288
4.065	179.932	1.000	14.770
1/17/2017 9:14:45 AM	471600.000	146.900	21.322
334.829	5556.947	5976.863	3.287
4.064	179.955	1.000	14.774
1/17/2017 9:29:45 AM	472500.000	146.923	21.323
334.882	5556.464	5976.127	3.287
4.064	179.971	1.000	14.795
1/17/2017 9:44:45 AM	473400.000	146.881	21.319
334.787	5557.239	5977.477	3.287
4.065	179.945	1.000	14.802
1/17/2017 9:59:45 AM	474300.000	146.882	21.323
334.790	5557.568	5977.379	3.287
4.065	179.935	1.000	14.801
1/17/2017 10:14:45 AM	475200.000	146.887	21.319
334.800	5556.810	5976.983	3.287
4.064	179.959	1.000	14.811
1/17/2017 10:29:45 AM	476100.000	146.874	21.319
334.771	5555.205	5975.289	3.286
4.063	180.011	1.000	14.806
1/17/2017 10:44:45 AM	477000.000	146.847	21.325
334.710	5557.575	5977.182	3.287
4.064	179.935	1.000	14.797
1/17/2017 10:59:45 AM	477900.000	146.919	21.325
334.873	5557.183	5976.708	3.287
4.064	179.947	1.000	14.797
1/17/2017 11:14:45 AM	478800.000	146.923	21.323
334.883	5556.142	5975.834	3.286
4.064	179.981	1.000	14.791
1/17/2017 11:29:45 AM	479700.000	146.890	21.320
334.808	5555.734	5975.719	3.286
4.063	179.994	1.000	14.792
1/17/2017 11:44:45 AM	480600.000	146.871	21.322
334.765	5554.328	5974.056	3.285
4.062	180.040	1.000	14.792
1/17/2017 11:59:45 AM	481500.000	146.880	21.328

334.785	5557.088	5976.196	3.287
4.064	179.950	1.000	14.787
1/17/2017 12:14:45 PM	482400.000	146.879	21.325
334.783	5556.010	5975.413	3.286
4.063	179.985	1.000	14.788
1/17/2017 12:29:45 PM	483300.000	146.895	21.320
334.818	5555.488	5975.432	3.286
4.063	180.002	1.000	14.778
1/17/2017 12:44:45 PM	484200.000	146.890	21.320
334.807	5555.399	5975.359	3.286
4.063	180.005	1.000	14.778
1/17/2017 12:59:45 PM	485100.000	146.883	21.324
334.792	5555.688	5975.270	3.286
4.063	179.996	1.000	14.778
1/17/2017 1:14:45 PM	486000.000	146.892	21.327
334.813	5555.925	5975.053	3.286
4.063	179.988	1.000	14.769
1/17/2017 1:29:45 PM	486900.000	146.894	21.329
334.816	5556.631	5975.586	3.286
4.063	179.965	1.000	14.768
1/17/2017 1:44:45 PM	487800.000	146.895	21.328
334.820	5555.979	5975.090	3.286
4.063	179.986	1.000	14.768
1/17/2017 1:59:45 PM	488700.000	146.893	21.324
334.815	5555.225	5974.687	3.286
4.063	180.011	1.000	14.774
1/17/2017 2:14:45 PM	489600.000	146.894	21.320
334.816	5555.840	5975.833	3.286
4.064	179.991	1.000	14.774
1/17/2017 2:29:45 PM	490500.000	146.891	21.330
334.811	5556.350	5975.155	3.286
4.063	179.974	1.000	14.770
1/17/2017 2:44:45 PM	491400.000	146.888	21.331
334.802	5557.275	5976.106	3.287
4.064	179.944	1.000	14.774
1/17/2017 2:59:45 PM	492300.000	146.899	21.327
334.828	5556.389	5975.648	3.286
4.063	179.973	1.000	14.772
1/17/2017 3:14:45 PM	493200.000	146.888	21.322
334.804	5555.734	5975.504	3.286
4.063	179.994	1.000	14.778
1/17/2017 3:29:45 PM	494100.000	146.936	21.329
334.913	5556.620	5975.564	3.286
4.063	179.966	1.000	14.772
1/17/2017 3:44:45 PM	495000.000	146.888	21.332
334.803	5558.102	5976.877	3.287
4.064	179.918	1.000	14.771
1/17/2017 3:59:45 PM	495900.000	146.894	21.327
334.817	5557.488	5976.724	3.287
4.064	179.937	1.000	14.775
1/17/2017 4:14:45 PM	496800.000	146.885	21.323
334.796	5557.519	5977.315	3.287
4.065	179.936	1.000	14.786
1/17/2017 4:29:45 PM	497700.000	146.888	21.322
334.804	5555.665	5975.440	3.286
4.063	179.996	1.000	14.790

1/17/2017 4:44:45 PM	498600.000	146.897	21.319
334.824	5556.839	5977.037	3.287
4.064	179.958	1.000	14.781
1/17/2017 4:59:45 PM	499500.000	146.915	21.336
334.865	5557.792	5975.986	3.287
4.064	179.928	1.000	14.789
1/17/2017 5:14:45 PM	500400.000	146.916	21.342
334.866	5558.844	5976.362	3.287
4.064	179.894	1.000	14.794
1/17/2017 5:29:45 PM	501300.000	146.885	21.340
334.795	5559.332	5977.157	3.287
4.064	179.878	1.000	14.794
1/17/2017 5:44:45 PM	502200.000	146.889	21.326
334.805	5558.042	5977.490	3.287
4.065	179.919	1.000	14.791
1/17/2017 5:59:45 PM	503100.000	146.886	21.325
334.798	5558.606	5978.195	3.288
4.065	179.901	1.000	14.790
1/17/2017 6:14:45 PM	504000.000	146.878	21.327
334.780	5558.553	5977.986	3.288
4.065	179.903	1.000	14.800
1/17/2017 6:29:45 PM	504900.000	146.870	21.327
334.762	5559.178	5978.637	3.288
4.065	179.883	1.000	14.796
1/17/2017 6:44:45 PM	505800.000	146.868	21.340
334.756	5561.345	5979.396	3.289
4.066	179.813	1.000	14.796
1/17/2017 6:59:45 PM	506700.000	146.913	21.345
334.859	5561.243	5978.587	3.288
4.065	179.816	1.000	14.797
1/17/2017 7:14:45 PM	507600.000	146.868	21.345
334.758	5563.295	5980.879	3.289
4.067	179.750	1.000	14.794
1/17/2017 7:29:45 PM	508500.000	146.914	21.336
334.862	5562.844	5981.439	3.290
4.067	179.764	1.000	14.797
1/17/2017 7:44:45 PM	509400.000	146.864	21.338
334.749	5561.398	5979.637	3.289
4.066	179.811	1.000	14.801
1/17/2017 7:59:45 PM	510300.000	146.859	21.334
334.737	5561.904	5980.718	3.289
4.067	179.795	1.000	14.802
1/17/2017 8:14:45 PM	511200.000	146.870	21.331
334.762	5561.438	5980.594	3.289
4.067	179.810	1.000	14.805
1/17/2017 8:29:45 PM	512100.000	146.868	21.328
334.757	5562.796	5982.313	3.290
4.068	179.766	1.000	14.805
1/17/2017 8:44:45 PM	513000.000	146.860	21.328
334.738	5562.527	5982.100	3.290
4.068	179.774	1.000	14.806
1/17/2017 8:59:45 PM	513900.000	146.862	21.331
334.743	5563.470	5982.747	3.290
4.068	179.744	1.000	14.802
1/17/2017 9:14:45 PM	514800.000	146.863	21.332
334.746	5564.077	5983.313	3.291

4.069	179.724	1.000	14.795
1/17/2017 9:29:45 PM	515700.000	146.862	21.326
334.744	5563.605	5983.441	3.291
4.069	179.740	1.000	14.794
1/17/2017 9:44:45 PM	516600.000	146.857	21.326
334.732	5563.593	5983.483	3.291
4.069	179.740	1.000	14.790
1/17/2017 9:59:45 PM	517500.000	146.856	21.328
334.730	5563.125	5982.699	3.290
4.068	179.755	1.000	14.790
1/17/2017 10:14:45 PM	518400.000	146.858	21.328
334.735	5562.456	5982.034	3.290
4.068	179.777	1.000	14.788
1/17/2017 10:29:45 PM	519300.000	146.845	21.329
334.705	5563.870	5983.446	3.291
4.069	179.731	1.000	14.795
1/17/2017 10:44:45 PM	520200.000	146.883	21.331
334.792	5563.339	5982.627	3.290
4.068	179.748	1.000	14.794
1/17/2017 10:59:45 PM	521100.000	146.852	21.333
334.720	5564.972	5984.050	3.291
4.069	179.695	1.000	14.787
1/17/2017 11:14:45 PM	522000.000	146.835	21.342
334.683	5565.440	5983.476	3.291
4.069	179.680	1.000	14.797
1/17/2017 11:29:45 PM	522900.000	146.870	21.346
334.762	5566.655	5984.341	3.291
4.069	179.641	1.000	14.792
1/17/2017 11:44:45 PM	523800.000	146.872	21.344
334.766	5567.576	5985.558	3.292
4.070	179.611	1.000	14.790
1/17/2017 11:59:45 PM	524700.000	146.877	21.351
334.777	5567.656	5984.792	3.292
4.070	179.609	1.000	14.777
1/18/2017 12:14:45 AM	525600.000	146.875	21.349
334.772	5567.530	5984.830	3.292
4.070	179.613	1.000	14.783
1/18/2017 12:29:45 AM	526500.000	146.852	21.341
334.720	5567.156	5985.451	3.292
4.070	179.625	1.000	14.775
1/18/2017 12:44:45 AM	527400.000	146.832	21.345
334.675	5567.634	5985.512	3.292
4.070	179.609	1.000	14.778
1/18/2017 12:59:45 AM	528300.000	146.870	21.347
334.762	5569.355	5987.147	3.293
4.071	179.554	1.000	14.775
1/18/2017 1:14:45 AM	529200.000	146.879	21.345
334.783	5568.005	5985.878	3.292
4.070	179.598	1.000	14.775
1/18/2017 1:29:45 AM	530100.000	146.837	21.343
334.688	5568.952	5987.091	3.293
4.071	179.567	1.000	14.784
1/18/2017 1:44:45 AM	531000.000	146.834	21.345
334.679	5567.316	5985.137	3.292
4.070	179.620	1.000	14.792
1/18/2017 1:59:45 AM	531900.000	146.841	21.350

334.697	5569.612	5986.970	3.293
4.071	179.546	1.000	14.784
1/18/2017 2:14:45 AM	532800.000	146.871	21.345
334.763	5569.998	5988.009	3.294
4.072	179.533	1.000	14.788
1/18/2017 2:29:45 AM	533700.000	146.869	21.344
334.760	5568.249	5986.303	3.293
4.071	179.590	1.000	14.791
1/18/2017 2:44:45 AM	534600.000	146.880	21.348
334.785	5568.616	5986.222	3.293
4.071	179.578	1.000	14.789
1/18/2017 2:59:45 AM	535500.000	146.849	21.338
334.715	5567.829	5986.541	3.293
4.071	179.603	1.000	14.782
1/18/2017 3:14:45 AM	536400.000	146.856	21.336
334.729	5567.932	5986.878	3.293
4.071	179.600	1.000	14.783
1/18/2017 3:29:45 AM	537300.000	146.849	21.331
334.714	5566.975	5986.451	3.293
4.071	179.631	1.000	14.785
1/18/2017 3:44:45 AM	538200.000	146.860	21.334
334.739	5567.788	5987.057	3.293
4.071	179.605	1.000	14.783
1/18/2017 3:59:45 AM	539100.000	146.898	21.339
334.826	5568.846	5987.569	3.293
4.072	179.570	1.000	14.777
1/18/2017 4:14:45 AM	540000.000	146.857	21.339
334.732	5570.030	5988.820	3.294
4.072	179.532	1.000	14.785
1/18/2017 4:29:45 AM	540900.000	146.857	21.331
334.733	5568.970	5988.619	3.294
4.072	179.566	1.000	14.784
1/18/2017 4:44:45 AM	541800.000	146.856	21.329
334.729	5569.049	5989.016	3.294
4.073	179.564	1.000	14.786
1/18/2017 4:59:45 AM	542700.000	146.865	21.327
334.750	5568.079	5988.177	3.294
4.072	179.595	1.000	14.785
1/18/2017 5:14:45 AM	543600.000	146.866	21.328
334.752	5568.124	5988.108	3.294
4.072	179.594	1.000	14.779
1/18/2017 5:29:45 AM	544500.000	146.868	21.322
334.757	5568.090	5988.815	3.294
4.072	179.595	1.000	14.778
1/18/2017 5:44:45 AM	545400.000	146.913	21.335
334.859	5568.622	5987.813	3.293
4.072	179.578	1.000	14.768
1/18/2017 5:59:45 AM	546300.000	146.860	21.341
334.740	5568.929	5987.324	3.293
4.071	179.568	1.000	14.779
1/18/2017 6:14:45 AM	547200.000	146.864	21.344
334.748	5569.331	5987.477	3.293
4.071	179.555	1.000	14.785
1/18/2017 6:29:45 AM	548100.000	146.902	21.349
334.835	5570.374	5987.983	3.294
4.072	179.521	1.000	14.789

1/18/2017 6:44:45 AM	549000.000	146.870	21.340
334.761	5570.601	5989.250	3.294
4.073	179.514	1.000	14.788
1/18/2017 6:59:45 AM	549900.000	146.884	21.332
334.795	5569.315	5988.838	3.294
4.072	179.555	1.000	14.771
1/18/2017 7:14:45 AM	550800.000	146.884	21.331
334.795	5569.346	5989.076	3.294
4.073	179.554	1.000	14.773
1/18/2017 7:29:45 AM	551700.000	146.914	21.326
334.863	5567.661	5987.846	3.293
4.072	179.609	1.000	14.776
1/18/2017 7:44:45 AM	552600.000	146.879	21.322
334.783	5567.047	5987.693	3.293
4.072	179.628	1.000	14.764
1/18/2017 7:59:45 AM	553500.000	146.882	21.323
334.788	5566.857	5987.359	3.293
4.071	179.635	1.000	14.758
1/18/2017 8:14:45 AM	554400.000	146.878	21.327
334.780	5568.477	5988.563	3.294
4.072	179.582	1.000	14.759
1/18/2017 8:29:45 AM	555300.000	146.919	21.328
334.874	5568.467	5988.488	3.294
4.072	179.583	1.000	14.755
1/18/2017 8:44:45 AM	556200.000	146.886	21.324
334.798	5568.260	5988.739	3.294
4.072	179.589	1.000	14.747
1/18/2017 8:59:45 AM	557100.000	146.891	21.322
334.811	5568.639	5989.394	3.294
4.073	179.577	1.000	14.741
1/18/2017 9:14:45 AM	558000.000	146.882	21.336
334.789	5568.814	5987.814	3.293
4.072	179.571	1.000	14.745
1/18/2017 9:29:45 AM	558900.000	146.887	21.342
334.801	5569.266	5987.557	3.293
4.072	179.557	1.000	14.739
1/18/2017 9:44:45 AM	559800.000	146.886	21.340
334.797	5569.185	5987.793	3.293
4.072	179.559	1.000	14.742
1/18/2017 9:59:45 AM	560700.000	146.895	21.327
334.820	5568.008	5988.059	3.294
4.072	179.597	1.000	14.742
1/18/2017 10:14:45 AM	561600.000	146.908	21.329
334.850	5569.750	5989.672	3.295
4.073	179.541	1.000	14.772
1/18/2017 10:29:45 AM	562500.000	146.876	21.336
334.777	5569.455	5988.580	3.294
4.072	179.551	1.000	14.777
1/18/2017 10:44:45 AM	563400.000	146.908	21.339
334.848	5570.463	5989.275	3.294
4.073	179.518	1.000	14.783
1/18/2017 10:59:45 AM	564300.000	146.879	21.342
334.783	5570.846	5989.245	3.294
4.073	179.506	1.000	14.777
1/18/2017 11:14:45 AM	565200.000	146.881	21.342
334.788	5570.673	5989.102	3.294

4.073	179.512	1.000	14.772
1/18/2017 11:29:45 AM	566100.000	146.877	21.339
334.779	5570.381	5989.166	3.294
4.073	179.521	1.000	14.773
1/18/2017 11:44:45 AM	567000.000	146.909	21.340
334.851	5570.517	5989.236	3.294
4.073	179.517	1.000	14.771
1/18/2017 11:59:45 AM	567900.000	146.885	21.340
334.796	5570.163	5988.876	3.294
4.072	179.528	1.000	14.760
1/18/2017 12:14:45 PM	568800.000	146.868	21.335
334.758	5570.681	5990.005	3.295
4.073	179.511	1.000	14.761
1/18/2017 12:29:45 PM	569700.000	146.878	21.330
334.780	5568.814	5988.656	3.294
4.072	179.571	1.000	14.746
1/18/2017 12:44:45 PM	570600.000	146.954	21.325
334.955	5569.561	5989.987	3.295
4.073	179.547	1.000	14.743
1/18/2017 12:59:45 PM	571500.000	146.876	21.328
334.776	5569.420	5989.523	3.294
4.073	179.552	1.000	14.740
1/18/2017 1:14:45 PM	572400.000	146.920	21.321
334.877	5568.457	5989.339	3.294
4.073	179.583	1.000	14.731
1/18/2017 1:29:45 PM	573300.000	146.894	21.324
334.817	5567.784	5988.280	3.294
4.072	179.605	1.000	14.725
1/18/2017 1:44:45 PM	574200.000	146.887	21.327
334.800	5568.635	5988.733	3.294
4.072	179.577	1.000	14.723
1/18/2017 1:59:45 PM	575100.000	146.921	21.325
334.878	5567.866	5988.240	3.294
4.072	179.602	1.000	14.714
1/18/2017 2:14:45 PM	576000.000	146.892	21.336
334.812	5569.425	5988.570	3.294
4.072	179.552	1.000	14.706
1/18/2017 2:29:45 PM	576900.000	146.926	21.341
334.891	5569.194	5987.664	3.293
4.072	179.559	1.000	14.700
1/18/2017 2:44:45 PM	577800.000	146.888	21.345
334.802	5570.052	5988.133	3.294
4.072	179.532	1.000	14.690
1/18/2017 2:59:45 PM	578700.000	146.902	21.342
334.834	5570.897	5989.311	3.294
4.073	179.504	1.000	14.677
1/18/2017 3:14:45 PM	579600.000	146.890	21.346
334.806	5570.172	5988.144	3.294
4.072	179.528	1.000	14.673
1/18/2017 3:29:45 PM	580500.000	146.934	21.349
334.908	5571.439	5989.096	3.294
4.073	179.487	1.000	14.667
1/18/2017 3:44:45 PM	581400.000	146.886	21.347
334.798	5570.933	5988.724	3.294
4.072	179.503	1.000	14.672
1/18/2017 3:59:45 PM	582300.000	146.892	21.344

334.812	5571.979	5990.237	3.295
4.073	179.469	1.000	14.672
1/18/2017 4:14:45 PM	583200.000	146.928	21.345
334.894	5570.654	5988.705	3.294
4.072	179.512	1.000	14.660
1/18/2017 4:29:45 PM	584100.000	146.897	21.340
334.824	5572.755	5991.610	3.296
4.074	179.444	1.000	14.654
1/18/2017 4:44:45 PM	585000.000	146.899	21.341
334.829	5571.686	5990.333	3.295
4.073	179.479	1.000	14.657
1/18/2017 4:59:45 PM	585900.000	146.938	21.346
334.917	5572.374	5990.403	3.295
4.073	179.457	1.000	14.647
1/18/2017 5:14:45 PM	586800.000	146.943	21.340
334.929	5571.147	5989.892	3.295
4.073	179.496	1.000	14.638
1/18/2017 5:29:45 PM	587700.000	146.905	21.343
334.841	5571.877	5990.236	3.295
4.073	179.473	1.000	14.635
1/18/2017 5:44:45 PM	588600.000	146.911	21.334
334.855	5570.402	5989.868	3.295
4.073	179.520	1.000	14.632
1/18/2017 5:59:45 PM	589500.000	146.916	21.329
334.868	5570.175	5990.163	3.295
4.073	179.528	1.000	14.630
1/18/2017 6:14:45 PM	590400.000	146.919	21.329
334.873	5569.951	5989.910	3.295
4.073	179.535	1.000	14.623
1/18/2017 6:29:45 PM	591300.000	146.913	21.331
334.860	5570.686	5990.506	3.295
4.074	179.511	1.000	14.629
1/18/2017 6:44:45 PM	592200.000	146.903	21.331
334.838	5570.217	5990.024	3.295
4.073	179.526	1.000	14.627
1/18/2017 6:59:45 PM	593100.000	146.914	21.332
334.862	5571.129	5990.779	3.295
4.074	179.497	1.000	14.631
1/18/2017 7:14:45 PM	594000.000	146.913	21.330
334.860	5571.396	5991.410	3.296
4.074	179.488	1.000	14.629
1/18/2017 7:29:45 PM	594900.000	146.907	21.330
334.847	5571.561	5991.598	3.296
4.074	179.483	1.000	14.635
1/18/2017 7:44:45 PM	595800.000	146.912	21.329
334.857	5570.694	5990.753	3.295
4.074	179.511	1.000	14.637
1/18/2017 7:59:45 PM	596700.000	146.941	21.330
334.924	5571.629	5991.586	3.296
4.074	179.481	1.000	14.639
1/18/2017 8:14:45 PM	597600.000	146.945	21.339
334.933	5572.668	5991.614	3.296
4.074	179.447	1.000	14.640
1/18/2017 8:29:45 PM	598500.000	146.942	21.348
334.926	5573.728	5991.664	3.296
4.074	179.413	1.000	14.641

1/18/2017 8:44:45 PM	599400.000	146.910	21.347
334.854	5573.477	5991.534	3.296
4.074	179.421	1.000	14.645
1/18/2017 8:59:45 PM	600300.000	146.901	21.351
334.833	5574.088	5991.652	3.296
4.074	179.402	1.000	14.653
1/18/2017 9:14:45 PM	601200.000	146.903	21.343
334.838	5574.638	5993.214	3.297
4.075	179.384	1.000	14.646
1/18/2017 9:29:45 PM	602100.000	146.912	21.336
334.859	5573.369	5992.778	3.296
4.075	179.425	1.000	14.647
1/18/2017 9:44:45 PM	603000.000	146.946	21.336
334.935	5573.259	5992.626	3.296
4.075	179.428	1.000	14.649
1/18/2017 9:59:45 PM	603900.000	146.929	21.336
334.896	5575.296	5994.796	3.298
4.076	179.363	1.000	14.658
1/18/2017 10:14:45 PM	604800.000	146.905	21.335
334.842	5573.282	5992.802	3.296
4.075	179.427	1.000	14.657
1/18/2017 10:29:45 PM	605700.000	146.935	21.339
334.910	5574.814	5993.997	3.297
4.076	179.378	1.000	14.660
1/18/2017 10:44:45 PM	606600.000	146.906	21.338
334.844	5573.904	5993.029	3.297
4.075	179.407	1.000	14.655
1/18/2017 10:59:45 PM	607500.000	146.941	21.340
334.924	5575.082	5994.155	3.297
4.076	179.370	1.000	14.656
1/18/2017 11:14:45 PM	608400.000	146.936	21.341
334.912	5576.132	5995.123	3.298
4.077	179.336	1.000	14.665
1/18/2017 11:29:45 PM	609300.000	146.940	21.340
334.922	5574.931	5993.993	3.297
4.076	179.374	1.000	14.658
1/18/2017 11:44:45 PM	610200.000	146.895	21.340
334.818	5574.615	5993.588	3.297
4.076	179.385	1.000	14.670
1/18/2017 11:59:45 PM	611100.000	146.892	21.343
334.812	5575.846	5994.513	3.297
4.076	179.345	1.000	14.670

Serial_number:

1071288

Project ID:

MPWSP TSW Long Term

Location:

MPWSP MW-5M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
1/12/2017	0:00:00	0	91.662	16.3	1240.9
1/12/2017	0:15:00	0	91.635	16.3	1238.6
1/12/2017	0:30:00	0	91.682	16.3	1239.7
1/12/2017	0:45:00	0	91.63	16.3	1238.6
1/12/2017	1:00:00	0	91.593	16.3	1238.6
1/12/2017	1:15:00	0	91.682	16.3	1240.9
1/12/2017	1:30:00	0	91.606	16.3	1238.6
1/12/2017	1:45:00	0	91.685	16.3	1242.1
1/12/2017	2:00:00	0	91.638	16.3	1238.6
1/12/2017	2:15:00	0	91.656	16.3	1240.9
1/12/2017	2:30:00	0	91.672	16.3	1239.7
1/12/2017	2:45:00	0	91.653	16.3	1239.7
1/12/2017	3:00:00	0	91.654	16.3	1239.7
1/12/2017	3:15:00	0	91.698	16.3	1237.4
1/12/2017	3:30:00	0	91.667	16.3	1242.1
1/12/2017	3:45:00	0	91.683	16.3	1239.7
1/12/2017	4:00:00	0	91.666	16.3	1239.7
1/12/2017	4:15:00	0	91.67	16.3	1238.6
1/12/2017	4:30:00	0	91.675	16.3	1239.7
1/12/2017	4:45:00	0	91.664	16.3	1240.9
1/12/2017	5:00:00	0	91.725	16.3	1240.9
1/12/2017	5:15:00	0	91.7	16.3	1240.9
1/12/2017	5:30:00	0	91.723	16.3	1236.2
1/12/2017	5:45:00	0	91.689	16.3	1239.7
1/12/2017	6:00:00	0	91.739	16.3	1239.7
1/12/2017	6:15:00	0	91.655	16.3	1237.4
1/12/2017	6:30:00	0	91.714	16.3	1238.6
1/12/2017	6:45:00	0	91.67	16.3	1239.7
1/12/2017	7:00:00	0	91.719	16.3	1242.1
1/12/2017	7:15:00	0	91.711	16.3	1238.6
1/12/2017	7:30:00	0	91.717	16.3	1239.7

1/12/2017	7:45:00	0	91.706	16.3	1239.7
1/12/2017	8:00:00	0	91.678	16.3	1240.9
1/12/2017	8:15:00	0	91.691	16.3	1237.4
1/12/2017	8:30:00	0	91.681	16.3	1239.7
1/12/2017	8:45:00	0	91.672	16.3	1238.6
1/12/2017	9:00:00	0	91.704	16.3	1237.4
1/12/2017	9:15:00	0	91.693	16.3	1237.4
1/12/2017	9:30:00	0	91.686	16.3	1239.7
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1/12/2017	11:15:00	0	91.685	16.3	1237.4
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1/12/2017	11:45:00	0	91.673	16.3	1238.6
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1/12/2017	12:15:00	0	91.685	16.3	1243.3
1/12/2017	12:30:00	0	91.648	16.3	1236.2
1/12/2017	12:45:00	0	91.669	16.3	1240.9
1/12/2017	13:00:00	0	91.671	16.3	1238.6
1/12/2017	13:15:00	0	91.694	16.3	1237.4
1/12/2017	13:30:00	0	91.673	16.3	1239.7
1/12/2017	13:45:00	0	91.714	16.3	1240.9
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1/12/2017	15:00:00	0	91.703	16.3	1238.6
1/12/2017	15:15:00	0	91.661	16.3	1239.7
1/12/2017	15:30:00	0	91.738	16.3	1240.9
1/12/2017	15:45:00	0	91.713	16.3	1239.7
1/12/2017	16:00:00	0	91.692	16.3	1238.6
1/12/2017	16:15:00	0	91.672	16.3	1240.9
1/12/2017	16:30:00	0	91.692	16.3	1236.2
1/12/2017	16:45:00	0	91.671	16.3	1239.7
1/12/2017	17:00:00	0	91.687	16.3	1240.9
1/12/2017	17:15:00	0	91.702	16.3	1239.7
1/12/2017	17:30:00	0	91.722	16.3	1239.7
1/12/2017	17:45:00	0	91.662	16.3	1237.4
1/12/2017	18:00:00	0	91.695	16.3	1240.9
1/12/2017	18:15:00	0	91.673	16.3	1240.9
1/12/2017	18:30:00	0	91.728	16.3	1239.7
1/12/2017	18:45:00	0	91.699	16.3	1242.1
1/12/2017	19:00:00	0	91.689	16.3	1244.4
1/12/2017	19:15:00	0	91.664	16.3	1243.3

1/12/2017	19:30:00	0	91.719	16.3	1239.7
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1/12/2017	20:00:00	0	91.688	16.3	1240.9
1/12/2017	20:15:00	0	91.664	16.3	1237.4
1/12/2017	20:30:00	0	91.679	16.3	1243.3
1/12/2017	20:45:00	0	91.657	16.3	1239.7
1/12/2017	21:00:00	0	91.653	16.3	1240.9
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1/12/2017	21:30:00	0	91.688	16.3	1238.6
1/12/2017	21:45:00	0	91.667	16.3	1239.7
1/12/2017	22:00:00	0	91.703	16.3	1240.9
1/12/2017	22:15:00	0	91.642	16.3	1240.9
1/12/2017	22:30:00	0	91.662	16.3	1237.4
1/12/2017	22:45:00	0	91.625	16.3	1240.9
1/12/2017	23:00:00	0	91.643	16.3	1240.9
1/12/2017	23:15:00	0	91.644	16.3	1240.9
1/12/2017	23:30:00	0	91.625	16.3	1240.9
1/12/2017	23:45:00	0	91.663	16.3	1238.6
1/13/2017	0:00:00	0	91.661	16.3	1243.3
1/13/2017	0:15:00	0	91.639	16.3	1240.9
1/13/2017	0:30:00	0	91.678	16.3	1239.7
1/13/2017	0:45:00	0	91.659	16.3	1242.1
1/13/2017	1:00:00	0	91.679	16.3	1242.1
1/13/2017	1:15:00	0	91.654	16.3	1238.6
1/13/2017	1:30:00	0	91.671	16.3	1239.7
1/13/2017	1:45:00	0	91.665	16.3	1240.9
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1/13/2017	2:15:00	0	91.614	16.3	1239.7
1/13/2017	2:30:00	0	91.632	16.3	1242.1
1/13/2017	2:45:00	0	91.648	16.3	1238.6
1/13/2017	3:00:00	0	91.641	16.3	1240.9
1/13/2017	3:15:00	0	91.625	16.3	1240.9
1/13/2017	3:30:00	0	91.66	16.3	1242.1
1/13/2017	3:45:00	0	91.676	16.3	1243.3
1/13/2017	4:00:00	0	91.659	16.3	1242.1
1/13/2017	4:15:00	0	91.654	16.3	1243.3
1/13/2017	4:30:00	0	91.671	16.3	1243.3
1/13/2017	4:45:00	0	91.691	16.3	1239.7
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1/13/2017	5:15:00	0	91.661	16.3	1240.9
1/13/2017	5:30:00	0	91.661	16.3	1237.4
1/13/2017	5:45:00	0	91.676	16.3	1237.4
1/13/2017	6:00:00	0	91.655	16.3	1239.7
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1/13/2017	7:00:00	0	91.675	16.3	1242.1

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1/13/2017	7:30:00	0	91.664	16.3	1239.7
1/13/2017	7:45:00	0	91.677	16.3	1243.3
1/13/2017	8:00:00	0	91.656	16.3	1242.1
1/13/2017	8:15:00	0	91.647	16.3	1238.6
1/13/2017	8:30:00	0	91.67	16.3	1239.7
1/13/2017	8:45:00	0	91.658	16.3	1242.1
1/13/2017	9:00:00	0	91.673	16.3	1243.3
1/13/2017	9:15:00	0	91.668	16.3	1237.4
1/13/2017	9:30:00	0	91.639	16.3	1243.3
1/13/2017	9:45:00	0	91.67	16.3	1240.9
1/13/2017	10:00:00	0	91.662	16.3	1244.4
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1/13/2017	10:30:00	0	91.672	16.3	1239.7
1/13/2017	10:45:00	0	91.631	16.3	1242.1
1/13/2017	11:00:00	0	91.652	16.3	1239.7
1/13/2017	11:15:00	0	91.654	16.3	1242.1
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1/13/2017	12:00:00	0	91.646	16.3	1242.1
1/13/2017	12:15:00	0	91.714	16.3	1240.9
1/13/2017	12:30:00	0	91.647	16.3	1239.7
1/13/2017	12:45:00	0	91.689	16.3	1240.9
1/13/2017	13:00:00	0	91.678	16.3	1243.3
1/13/2017	13:15:00	0	91.663	16.3	1238.6
1/13/2017	13:30:00	0	91.662	16.3	1242.1
1/13/2017	13:45:00	0	91.681	16.3	1240.9
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1/13/2017	15:30:00	0	91.685	16.3	1239.7
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1/13/2017	16:00:00	0	91.654	16.3	1242.1
1/13/2017	16:15:00	0	91.68	16.3	1242.1
1/13/2017	16:30:00	0	91.664	16.3	1239.7
1/13/2017	16:45:00	0	91.661	16.3	1239.7
1/13/2017	17:00:00	0	91.628	16.3	1240.9
1/13/2017	17:15:00	0	91.647	16.3	1243.3
1/13/2017	17:30:00	0	91.644	16.3	1238.6
1/13/2017	17:45:00	0	91.621	16.3	1243.3
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1/13/2017	18:15:00	0	91.646	16.3	1243.3
1/13/2017	18:30:00	0	91.631	16.3	1239.7
1/13/2017	18:45:00	0	91.662	16.3	1239.7

1/13/2017	19:00:00	0	91.655	16.3	1240.9
1/13/2017	19:15:00	0	91.653	16.3	1242.1
1/13/2017	19:30:00	0	91.595	16.3	1240.9
1/13/2017	19:45:00	0	91.636	16.3	1243.3
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1/13/2017	20:30:00	0	91.647	16.3	1240.9
1/13/2017	20:45:00	0	91.603	16.3	1240.9
1/13/2017	21:00:00	0	91.638	16.3	1242.1
1/13/2017	21:15:00	0	91.672	16.3	1239.7
1/13/2017	21:30:00	0	91.614	16.3	1239.7
1/13/2017	21:45:00	0	91.607	16.3	1242.1
1/13/2017	22:00:00	0	91.607	16.3	1243.3
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1/13/2017	22:30:00	0	91.602	16.3	1242.1
1/13/2017	22:45:00	0	91.636	16.3	1242.1
1/13/2017	23:00:00	0	91.64	16.3	1242.1
1/13/2017	23:15:00	0	91.625	16.3	1239.7
1/13/2017	23:30:00	0	91.643	16.3	1242.1
1/13/2017	23:45:00	0	91.608	16.3	1243.3
1/14/2017	0:00:00	0	91.636	16.3	1237.4
1/14/2017	0:15:00	0	91.654	16.3	1243.3
1/14/2017	0:30:00	0	91.634	16.3	1238.6
1/14/2017	0:45:00	0	91.633	16.3	1240.9
1/14/2017	1:00:00	0	91.657	16.3	1242.1
1/14/2017	1:15:00	0	91.62	16.3	1242.1
1/14/2017	1:30:00	0	91.588	16.3	1239.7
1/14/2017	1:45:00	0	91.641	16.3	1240.9
1/14/2017	2:00:00	0	91.642	16.3	1243.3
1/14/2017	2:15:00	0	91.598	16.3	1239.7
1/14/2017	2:30:00	0	91.619	16.3	1239.7
1/14/2017	2:45:00	0	91.637	16.3	1240.9
1/14/2017	3:00:00	0	91.638	16.3	1239.7
1/14/2017	3:15:00	0	91.636	16.3	1240.9
1/14/2017	3:30:00	0	91.642	16.3	1238.6
1/14/2017	3:45:00	0	91.644	16.3	1240.9
1/14/2017	4:00:00	0	91.646	16.3	1242.1
1/14/2017	4:15:00	0	91.641	16.3	1242.1
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1/14/2017	4:45:00	0	91.638	16.3	1240.9
1/14/2017	5:00:00	0	91.681	16.3	1242.1
1/14/2017	5:15:00	0	91.67	16.3	1242.1
1/14/2017	5:30:00	0	91.67	16.3	1240.9
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1/14/2017	6:00:00	0	91.674	16.3	1239.7
1/14/2017	6:15:00	0	91.668	16.3	1242.1
1/14/2017	6:30:00	0	91.648	16.3	1239.7

1/14/2017	6:45:00	0	91.683	16.3	1239.7
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1/14/2017	7:15:00	0	91.665	16.3	1240.9
1/14/2017	7:30:00	0	91.686	16.3	1242.1
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1/14/2017	8:15:00	0	91.677	16.3	1239.7
1/14/2017	8:30:00	0	91.664	16.3	1239.7
1/14/2017	8:45:00	0	91.677	16.3	1240.9
1/14/2017	9:00:00	0	91.648	16.3	1239.7
1/14/2017	9:15:00	0	91.677	16.3	1242.1
1/14/2017	9:30:00	0	91.635	16.3	1243.3
1/14/2017	9:45:00	0	91.635	16.3	1239.7
1/14/2017	10:00:00	0	91.636	16.3	1239.7
1/14/2017	10:15:00	0	91.68	16.3	1243.3
1/14/2017	10:30:00	0	91.661	16.3	1239.7
1/14/2017	10:45:00	0	91.665	16.3	1240.9
1/14/2017	11:00:00	0	91.674	16.3	1239.7
1/14/2017	11:15:00	0	91.681	16.3	1240.9
1/14/2017	11:30:00	0	91.668	16.3	1240.9
1/14/2017	11:45:00	0	91.677	16.3	1240.9
1/14/2017	12:00:00	0	91.647	16.3	1240.9
1/14/2017	12:15:00	0	91.66	16.3	1240.9
1/14/2017	12:30:00	0	91.667	16.3	1242.1
1/14/2017	12:45:00	0	91.693	16.3	1244.4
1/14/2017	13:00:00	0	91.687	16.3	1242.1
1/14/2017	13:15:00	0	91.694	16.3	1239.7
1/14/2017	13:30:00	0	91.714	16.3	1243.3
1/14/2017	13:45:00	0	91.737	16.3	1239.7
1/14/2017	14:00:00	0	91.73	16.3	1238.6
1/14/2017	14:15:00	0	91.666	16.3	1240.9
1/14/2017	14:30:00	0	91.721	16.3	1242.1
1/14/2017	14:45:00	0	91.664	16.3	1242.1
1/14/2017	15:00:00	0	91.731	16.3	1239.7
1/14/2017	15:15:00	0	91.714	16.3	1240.9
1/14/2017	15:30:00	0	91.695	16.3	1240.9
1/14/2017	15:45:00	0	91.714	16.3	1238.6
1/14/2017	16:00:00	0	91.693	16.3	1240.9
1/14/2017	16:15:00	0	91.697	16.3	1237.4
1/14/2017	16:30:00	0	91.674	16.3	1242.1
1/14/2017	16:45:00	0	91.669	16.3	1240.9
1/14/2017	17:00:00	0	91.678	16.3	1242.1
1/14/2017	17:15:00	0	91.663	16.3	1239.7
1/14/2017	17:30:00	0	91.667	16.3	1239.7
1/14/2017	17:45:00	0	91.646	16.3	1239.7
1/14/2017	18:00:00	0	91.662	16.3	1244.4
1/14/2017	18:15:00	0	91.7	16.3	1238.6

1/14/2017	18:30:00	0	91.665	16.3	1242.1
1/14/2017	18:45:00	0	91.703	16.3	1240.9
1/14/2017	19:00:00	0	91.683	16.3	1240.9
1/14/2017	19:15:00	0	91.685	16.3	1239.7
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1/14/2017	20:15:00	0	91.705	16.3	1244.4
1/14/2017	20:30:00	0	91.682	16.3	1238.6
1/14/2017	20:45:00	0	91.665	16.3	1243.3
1/14/2017	21:00:00	0	91.686	16.3	1242.1
1/14/2017	21:15:00	0	91.648	16.3	1239.7
1/14/2017	21:30:00	0	91.668	16.3	1243.3
1/14/2017	21:45:00	0	91.668	16.3	1242.1
1/14/2017	22:00:00	0	91.672	16.3	1240.9
1/14/2017	22:15:00	0	91.649	16.3	1239.7
1/14/2017	22:30:00	0	91.647	16.3	1240.9
1/14/2017	22:45:00	0	91.65	16.3	1243.3
1/14/2017	23:00:00	0	91.684	16.3	1238.6
1/14/2017	23:15:00	0	91.67	16.3	1237.4
1/14/2017	23:30:00	0	91.648	16.3	1242.1
1/14/2017	23:45:00	0	91.652	16.3	1243.3
1/15/2017	0:00:00	0	91.653	16.3	1242.1
1/15/2017	0:15:00	0	91.652	16.3	1239.7
1/15/2017	0:30:00	0	91.656	16.3	1239.7
1/15/2017	0:45:00	0	91.681	16.3	1240.9
1/15/2017	1:00:00	0	91.686	16.3	1237.4
1/15/2017	1:15:00	0	91.664	16.3	1239.7
1/15/2017	1:30:00	0	91.664	16.3	1239.7
1/15/2017	1:45:00	0	91.701	16.3	1242.1
1/15/2017	2:00:00	0	91.662	16.3	1242.1
1/15/2017	2:15:00	0	91.659	16.3	1239.7
1/15/2017	2:30:00	0	91.642	16.3	1240.9
1/15/2017	2:45:00	0	91.66	16.3	1240.9
1/15/2017	3:00:00	0	91.681	16.3	1240.9
1/15/2017	3:15:00	0	91.643	16.3	1243.3
1/15/2017	3:30:00	0	91.699	16.3	1240.9
1/15/2017	3:45:00	0	91.68	16.3	1239.7
1/15/2017	4:00:00	0	91.699	16.3	1240.9
1/15/2017	4:15:00	0	91.641	16.3	1239.7
1/15/2017	4:30:00	0	91.646	16.3	1240.9
1/15/2017	4:45:00	0	91.669	16.3	1239.7
1/15/2017	5:00:00	0	91.712	16.3	1239.7
1/15/2017	5:15:00	0	91.673	16.3	1239.7
1/15/2017	5:30:00	0	91.696	16.3	1240.9
1/15/2017	5:45:00	0	91.695	16.3	1243.3
1/15/2017	6:00:00	0	91.698	16.3	1240.9

1/15/2017	6:15:00	0	91.655	16.3	1242.1
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1/15/2017	7:00:00	0	91.657	16.3	1239.7
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1/15/2017	7:45:00	0	91.657	16.3	1242.1
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1/15/2017	8:15:00	0	91.682	16.3	1244.4
1/15/2017	8:30:00	0	91.69	16.3	1240.9
1/15/2017	8:45:00	0	91.64	16.3	1240.9
1/15/2017	9:00:00	0	91.673	16.3	1244.4
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1/15/2017	9:30:00	0	91.602	16.3	1240.9
1/15/2017	9:45:00	0	91.63	16.3	1242.1
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1/15/2017	10:15:00	0	91.659	16.3	1237.4
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1/15/2017	10:45:00	0	91.644	16.3	1244.4
1/15/2017	11:00:00	0	91.649	16.3	1239.7
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1/15/2017	11:45:00	0	91.692	16.3	1240.9
1/15/2017	12:00:00	0	91.699	16.3	1240.9
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1/15/2017	13:00:00	0	91.715	16.3	1242.1
1/15/2017	13:15:00	0	91.705	16.3	1242.1
1/15/2017	13:30:00	0	91.671	16.3	1240.9
1/15/2017	13:45:00	0	91.733	16.3	1239.7
1/15/2017	14:00:00	0	91.724	16.3	1239.7
1/15/2017	14:15:00	0	91.662	16.3	1245.6
1/15/2017	14:30:00	0	91.677	16.3	1242.1
1/15/2017	14:45:00	0	91.673	16.3	1240.9
1/15/2017	15:00:00	0	91.676	16.3	1240.9
1/15/2017	15:15:00	0	91.679	16.3	1242.1
1/15/2017	15:30:00	0	91.716	16.3	1242.1
1/15/2017	15:45:00	0	91.742	16.3	1243.3
1/15/2017	16:00:00	0	91.723	16.3	1242.1
1/15/2017	16:15:00	0	91.697	16.3	1243.3
1/15/2017	16:30:00	0	91.702	16.3	1244.4
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1/15/2017	17:00:00	0	91.765	16.3	1242.1
1/15/2017	17:15:00	0	91.747	16.3	1242.1
1/15/2017	17:30:00	0	91.724	16.3	1242.1
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1/15/2017	18:15:00	0	91.697	16.3	1242.1
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1/15/2017	18:45:00	0	91.711	16.3	1242.1
1/15/2017	19:00:00	0	91.704	16.3	1239.7
1/15/2017	19:15:00	0	91.707	16.3	1240.9
1/15/2017	19:30:00	0	91.687	16.3	1242.1
1/15/2017	19:45:00	0	91.684	16.3	1239.7
1/15/2017	20:00:00	0	91.706	16.3	1239.7
1/15/2017	20:15:00	0	91.706	16.3	1242.1
1/15/2017	20:30:00	0	91.705	16.3	1239.7
1/15/2017	20:45:00	0	91.703	16.3	1240.9
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1/15/2017	21:15:00	0	91.736	16.3	1239.7
1/15/2017	21:30:00	0	91.679	16.3	1243.3
1/15/2017	21:45:00	0	91.714	16.3	1242.1
1/15/2017	22:00:00	0	91.697	16.3	1239.7
1/15/2017	22:15:00	0	91.697	16.3	1242.1
1/15/2017	22:30:00	0	91.693	16.3	1239.7
1/15/2017	22:45:00	0	91.686	16.3	1240.9
1/15/2017	23:00:00	0	91.664	16.3	1242.1
1/15/2017	23:15:00	0	91.682	16.3	1242.1
1/15/2017	23:30:00	0	91.702	16.3	1238.6
1/15/2017	23:45:00	0	91.687	16.3	1244.4
1/16/2017	0:00:00	0	91.652	16.3	1243.3
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1/16/2017	0:30:00	0	91.703	16.3	1242.1
1/16/2017	0:45:00	0	91.687	16.3	1240.9
1/16/2017	1:00:00	0	91.728	16.3	1238.6
1/16/2017	1:15:00	0	91.71	16.3	1243.3
1/16/2017	1:30:00	0	91.673	16.3	1239.7
1/16/2017	1:45:00	0	91.697	16.3	1240.9
1/16/2017	2:00:00	0	91.7	16.3	1240.9
1/16/2017	2:15:00	0	91.704	16.3	1240.9
1/16/2017	2:30:00	0	91.671	16.3	1242.1
1/16/2017	2:45:00	0	91.727	16.3	1244.4
1/16/2017	3:00:00	0	91.679	16.3	1239.7
1/16/2017	3:15:00	0	91.693	16.3	1240.9
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1/16/2017	3:45:00	0	91.707	16.3	1242.1
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1/16/2017	4:15:00	0	91.717	16.3	1239.7
1/16/2017	4:30:00	0	91.721	16.3	1240.9
1/16/2017	4:45:00	0	91.707	16.3	1242.1
1/16/2017	5:00:00	0	91.723	16.3	1243.3
1/16/2017	5:15:00	0	91.728	16.3	1240.9
1/16/2017	5:30:00	0	91.723	16.3	1242.1

1/16/2017	5:45:00	0	91.742	16.3	1243.3
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1/16/2017	6:15:00	0	91.703	16.3	1242.1
1/16/2017	6:30:00	0	91.681	16.3	1240.9
1/16/2017	6:45:00	0	91.716	16.3	1236.2
1/16/2017	7:00:00	0	91.733	16.3	1240.9
1/16/2017	7:15:00	0	91.731	16.3	1242.1
1/16/2017	7:30:00	0	91.708	16.3	1242.1
1/16/2017	7:45:00	0	91.727	16.3	1242.1
1/16/2017	8:00:00	0	91.724	16.3	1238.6
1/16/2017	8:15:00	0	91.716	16.3	1239.7
1/16/2017	8:30:00	0	91.728	16.3	1240.9
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1/16/2017	9:00:00	0	91.698	16.3	1239.7
1/16/2017	9:15:00	0	91.712	16.3	1239.7
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1/16/2017	10:15:00	0	91.692	16.3	1239.7
1/16/2017	10:30:00	0	91.693	16.3	1240.9
1/16/2017	10:45:00	0	91.678	16.3	1242.1
1/16/2017	11:00:00	0	91.69	16.3	1239.7
1/16/2017	11:15:00	0	91.662	16.3	1238.6
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1/16/2017	12:00:00	0	91.71	16.3	1237.4
1/16/2017	12:15:00	0	91.68	16.3	1243.3
1/16/2017	12:30:00	0	91.708	16.3	1244.4
1/16/2017	12:45:00	0	91.697	16.3	1242.1
1/16/2017	13:00:00	0	91.708	16.3	1240.9
1/16/2017	13:15:00	0	91.707	16.3	1242.1
1/16/2017	13:30:00	0	91.752	16.3	1242.1
1/16/2017	13:45:00	0	91.696	16.3	1239.7
1/16/2017	14:00:00	0	91.717	16.3	1238.6
1/16/2017	14:15:00	0	91.721	16.3	1237.4
1/16/2017	14:30:00	0	91.735	16.3	1239.7
1/16/2017	14:45:00	0	91.718	16.3	1242.1
1/16/2017	15:00:00	0	91.7	16.3	1243.3
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1/16/2017	15:30:00	0	91.68	16.3	1242.1
1/16/2017	15:45:00	0	91.706	16.3	1244.4
1/16/2017	16:00:00	0	91.727	16.3	1240.9
1/16/2017	16:15:00	0	91.715	16.3	1240.9
1/16/2017	16:30:00	0	91.739	16.3	1239.7
1/16/2017	16:45:00	0	91.706	16.3	1242.1
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1/16/2017	17:15:00	0	91.703	16.3	1239.7

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1/16/2017	18:00:00	0	91.712	16.3	1244.4
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1/16/2017	18:30:00	0	91.717	16.3	1239.7
1/16/2017	18:45:00	0	91.739	16.3	1240.9
1/16/2017	19:00:00	0	91.735	16.3	1242.1
1/16/2017	19:15:00	0	91.748	16.3	1242.1
1/16/2017	19:30:00	0	91.747	16.3	1244.4
1/16/2017	19:45:00	0	91.708	16.3	1242.1
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1/16/2017	20:30:00	0	91.722	16.3	1242.1
1/16/2017	20:45:00	0	91.719	16.3	1243.3
1/16/2017	21:00:00	0	91.72	16.3	1245.6
1/16/2017	21:15:00	0	91.696	16.3	1239.7
1/16/2017	21:30:00	0	91.666	16.3	1243.3
1/16/2017	21:45:00	0	91.688	16.3	1242.1
1/16/2017	22:00:00	0	91.711	16.3	1242.1
1/16/2017	22:15:00	0	91.711	16.3	1242.1
1/16/2017	22:30:00	0	91.715	16.3	1243.3
1/16/2017	22:45:00	0	91.692	16.3	1240.9
1/16/2017	23:00:00	0	91.734	16.3	1239.7
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1/16/2017	23:30:00	0	91.732	16.3	1243.3
1/16/2017	23:45:00	0	91.715	16.3	1242.1
1/17/2017	0:00:00	0	91.713	16.3	1239.7
1/17/2017	0:15:00	0	91.717	16.3	1238.6
1/17/2017	0:30:00	0	91.724	16.3	1243.3
1/17/2017	0:45:00	0	91.706	16.3	1238.6
1/17/2017	1:00:00	0	91.72	16.3	1242.1
1/17/2017	1:15:00	0	91.717	16.3	1239.7
1/17/2017	1:30:00	0	91.7	16.3	1239.7
1/17/2017	1:45:00	0	91.711	16.3	1244.4
1/17/2017	2:00:00	0	91.727	16.3	1242.1
1/17/2017	2:15:00	0	91.689	16.3	1240.9
1/17/2017	2:30:00	0	91.72	16.3	1239.7
1/17/2017	2:45:00	0	91.749	16.3	1240.9
1/17/2017	3:00:00	0	91.738	16.3	1242.1
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1/17/2017	3:30:00	0	91.73	16.3	1239.7
1/17/2017	3:45:00	0	91.705	16.3	1243.3
1/17/2017	4:00:00	0	91.716	16.3	1244.4
1/17/2017	4:15:00	0	91.722	16.3	1242.1
1/17/2017	4:30:00	0	91.733	16.3	1240.9
1/17/2017	4:45:00	0	91.712	16.3	1240.9
1/17/2017	5:00:00	0	91.734	16.3	1240.9

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1/17/2017	5:30:00	0	91.762	16.3	1242.1
1/17/2017	5:45:00	0	91.747	16.3	1242.1
1/17/2017	6:00:00	0	91.75	16.3	1240.9
1/17/2017	6:15:00	0	91.769	16.3	1244.4
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1/17/2017	6:45:00	0	91.724	16.3	1243.3
1/17/2017	7:00:00	0	91.724	16.3	1242.1
1/17/2017	7:15:00	0	91.732	16.3	1240.9
1/17/2017	7:30:00	0	91.766	16.3	1244.4
1/17/2017	7:45:00	0	91.731	16.3	1240.9
1/17/2017	8:00:00	0	91.726	16.3	1242.1
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1/17/2017	8:30:00	0	91.751	16.3	1238.6
1/17/2017	8:45:00	0	91.729	16.3	1239.7
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1/17/2017	9:15:00	0	91.66	16.3	1239.7
1/17/2017	9:30:00	0	91.739	16.3	1242.1
1/17/2017	9:45:00	0	91.721	16.3	1242.1
1/17/2017	10:00:00	0	91.719	16.3	1243.3
1/17/2017	10:15:00	0	91.718	16.3	1239.7
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1/17/2017	10:45:00	0	91.729	16.3	1240.9
1/17/2017	11:00:00	0	91.729	16.3	1238.6
1/17/2017	11:15:00	0	91.733	16.3	1240.9
1/17/2017	11:30:00	0	91.682	16.3	1242.1
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1/17/2017	12:15:00	0	91.716	16.3	1242.1
1/17/2017	12:30:00	0	91.687	16.3	1244.4
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1/17/2017	14:00:00	0	91.684	16.3	1240.9
1/17/2017	14:15:00	0	91.684	16.3	1242.1
1/17/2017	14:30:00	0	91.705	16.3	1237.4
1/17/2017	14:45:00	0	91.679	16.3	1242.1
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1/17/2017	15:15:00	0	91.65	16.3	1240.9
1/17/2017	15:30:00	0	91.692	16.3	1240.9
1/17/2017	15:45:00	0	91.657	16.3	1239.7
1/17/2017	16:00:00	0	91.654	16.3	1242.1
1/17/2017	16:15:00	0	91.69	16.3	1239.7
1/17/2017	16:30:00	0	91.663	16.3	1242.1
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1/17/2017	17:00:00	0	91.687	16.3	1240.9
1/17/2017	17:15:00	0	91.701	16.3	1240.9
1/17/2017	17:30:00	0	91.704	16.3	1243.3
1/17/2017	17:45:00	0	91.646	16.3	1242.1
1/17/2017	18:00:00	0	91.685	16.3	1242.1
1/17/2017	18:15:00	0	91.658	16.3	1239.7
1/17/2017	18:30:00	0	91.675	16.3	1243.3
1/17/2017	18:45:00	0	91.704	16.3	1242.1
1/17/2017	19:00:00	0	91.702	16.3	1239.7
1/17/2017	19:15:00	0	91.664	16.3	1242.1
1/17/2017	19:30:00	0	91.678	16.3	1244.4
1/17/2017	19:45:00	0	91.675	16.3	1242.1
1/17/2017	20:00:00	0	91.675	16.3	1238.6
1/17/2017	20:15:00	0	91.67	16.3	1242.1
1/17/2017	20:30:00	0	91.683	16.3	1240.9
1/17/2017	20:45:00	0	91.649	16.3	1240.9
1/17/2017	21:00:00	0	91.66	16.3	1246.8
1/17/2017	21:15:00	0	91.646	16.3	1243.3
1/17/2017	21:30:00	0	91.667	16.3	1240.9
1/17/2017	21:45:00	0	91.671	16.3	1242.1
1/17/2017	22:00:00	0	91.675	16.3	1243.3
1/17/2017	22:15:00	0	91.65	16.3	1239.7
1/17/2017	22:30:00	0	91.634	16.3	1238.6
1/17/2017	22:45:00	0	91.692	16.3	1240.9
1/17/2017	23:00:00	0	91.629	16.3	1239.7
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1/17/2017	23:45:00	0	91.667	16.3	1240.9
1/18/2017	0:00:00	0	91.67	16.3	1242.1
1/18/2017	0:15:00	0	91.696	16.3	1243.3
1/18/2017	0:30:00	0	91.652	16.3	1242.1
1/18/2017	0:45:00	0	91.69	16.3	1239.7
1/18/2017	1:00:00	0	91.68	16.3	1240.9
1/18/2017	1:15:00	0	91.673	16.3	1240.9
1/18/2017	1:30:00	0	91.675	16.3	1242.1
1/18/2017	1:45:00	0	91.672	16.3	1240.9
1/18/2017	2:00:00	0	91.666	16.3	1242.1
1/18/2017	2:15:00	0	91.69	16.3	1243.3
1/18/2017	2:30:00	0	91.641	16.3	1240.9
1/18/2017	2:45:00	0	91.687	16.3	1242.1
1/18/2017	3:00:00	0	91.706	16.3	1242.1
1/18/2017	3:15:00	0	91.666	16.3	1242.1
1/18/2017	3:30:00	0	91.677	16.3	1237.4
1/18/2017	3:45:00	0	91.677	16.3	1242.1
1/18/2017	4:00:00	0	91.719	16.3	1240.9
1/18/2017	4:15:00	0	91.715	16.3	1242.1
1/18/2017	4:30:00	0	91.694	16.3	1240.9

1/18/2017	4:45:00	0	91.718	16.3	1242.1
1/18/2017	5:00:00	0	91.703	16.3	1242.1
1/18/2017	5:15:00	0	91.704	16.3	1240.9
1/18/2017	5:30:00	0	91.689	16.3	1240.9
1/18/2017	5:45:00	0	91.713	16.3	1244.4
1/18/2017	6:00:00	0	91.702	16.3	1242.1
1/18/2017	6:15:00	0	91.714	16.3	1240.9
1/18/2017	6:30:00	0	91.729	16.3	1240.9
1/18/2017	6:45:00	0	91.712	16.3	1244.4
1/18/2017	7:00:00	0	91.692	16.3	1240.9
1/18/2017	7:15:00	0	91.714	16.3	1242.1
1/18/2017	7:30:00	0	91.742	16.3	1240.9
1/18/2017	7:45:00	0	91.712	16.3	1243.3
1/18/2017	8:00:00	0	91.738	16.3	1242.1
1/18/2017	8:15:00	0	91.724	16.3	1242.1
1/18/2017	8:30:00	0	91.749	16.3	1240.9
1/18/2017	8:45:00	0	91.764	16.3	1239.7
1/18/2017	9:00:00	0	91.742	16.3	1242.1
1/18/2017	9:15:00	0	91.748	16.3	1239.7
1/18/2017	9:30:00	0	91.759	16.3	1239.7
1/18/2017	9:45:00	0	91.752	16.3	1242.1
1/18/2017	10:00:00	0	91.725	16.3	1240.9
1/18/2017	10:15:00	0	91.706	16.3	1242.1
1/18/2017	10:30:00	0	91.713	16.3	1238.6
1/18/2017	10:45:00	0	91.711	16.3	1239.7
1/18/2017	11:00:00	0	91.732	16.3	1238.6
1/18/2017	11:15:00	0	91.708	16.3	1239.7
1/18/2017	11:30:00	0	91.696	16.3	1244.4
1/18/2017	11:45:00	0	91.745	16.3	1243.3
1/18/2017	12:00:00	0	91.758	16.3	1239.7
1/18/2017	12:15:00	0	91.756	16.3	1239.7
1/18/2017	12:30:00	0	91.779	16.3	1242.1
1/18/2017	12:45:00	0	91.712	16.3	1243.3
1/18/2017	13:00:00	0	91.777	16.3	1240.9
1/18/2017	13:15:00	0	91.755	16.3	1240.9
1/18/2017	13:30:00	0	91.76	16.3	1242.1
1/18/2017	13:45:00	0	91.768	16.3	1242.1
1/18/2017	14:00:00	0	91.773	16.3	1240.9
1/18/2017	14:15:00	0	91.785	16.3	1242.1
1/18/2017	14:30:00	0	91.793	16.3	1240.9
1/18/2017	14:45:00	0	91.796	16.3	1237.4
1/18/2017	15:00:00	0	91.796	16.3	1242.1
1/18/2017	15:15:00	0	91.79	16.3	1242.1
1/18/2017	15:30:00	0	91.818	16.3	1240.9
1/18/2017	15:45:00	0	91.813	16.3	1239.7
1/18/2017	16:00:00	0	91.782	16.3	1239.7
1/18/2017	16:15:00	0	91.774	16.3	1238.6

1/18/2017	16:30:00	0	91.791	16.3	1240.9
1/18/2017	16:45:00	0	91.798	16.3	1242.1
1/18/2017	17:00:00	0	91.811	16.3	1239.7
1/18/2017	17:15:00	0	91.797	16.3	1244.4
1/18/2017	17:30:00	0	91.85	16.3	1243.3
1/18/2017	17:45:00	0	91.798	16.3	1242.1
1/18/2017	18:00:00	0	91.801	16.3	1240.9
1/18/2017	18:15:00	0	91.809	16.3	1240.9
1/18/2017	18:30:00	0	91.827	16.3	1242.1
1/18/2017	18:45:00	0	91.806	16.3	1239.7
1/18/2017	19:00:00	0	91.792	16.3	1240.9
1/18/2017	19:15:00	0	91.827	16.3	1243.3
1/18/2017	19:30:00	0	91.786	16.3	1239.7
1/18/2017	19:45:00	0	91.822	16.3	1240.9
1/18/2017	20:00:00	0	91.846	16.3	1240.9
1/18/2017	20:15:00	0	91.773	16.3	1237.4
1/18/2017	20:30:00	0	91.769	16.3	1240.9
1/18/2017	20:45:00	0	91.822	16.3	1243.3
1/18/2017	21:00:00	0	91.815	16.3	1244.4
1/18/2017	21:15:00	0	91.815	16.3	1243.3
1/18/2017	21:30:00	0	91.799	16.3	1239.7
1/18/2017	21:45:00	0	91.816	16.3	1244.4
1/18/2017	22:00:00	0	91.799	16.3	1244.4
1/18/2017	22:15:00	0	91.817	16.3	1243.3
1/18/2017	22:30:00	0	91.792	16.3	1240.9
1/18/2017	22:45:00	0	91.817	16.3	1242.1
1/18/2017	23:00:00	0	91.814	16.3	1243.3
1/18/2017	23:15:00	0	91.824	16.3	1239.7
1/18/2017	23:30:00	0	91.796	16.3	1244.4
1/18/2017	23:45:00	0	91.795	16.3	1243.3

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: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
1/12/2017	0:00:00	0	27.43	16.1	2049.7
1/12/2017	0:15:00	0	27.422	16.1	2049.7
1/12/2017	0:30:00	0	27.45	16.1	2049.7
1/12/2017	0:45:00	0	27.457	16.1	2048.5
1/12/2017	1:00:00	0	27.459	16.1	2049.7
1/12/2017	1:15:00	0	27.449	16.1	2049.7
1/12/2017	1:30:00	0	27.472	16.1	2048.5
1/12/2017	1:45:00	0	27.472	16.1	2048.5
1/12/2017	2:00:00	0	27.426	16.1	2046.2
1/12/2017	2:15:00	0	27.443	16.1	2048.5
1/12/2017	2:30:00	0	27.459	16.1	2048.5
1/12/2017	2:45:00	0	27.401	16.1	2049.7
1/12/2017	3:00:00	0	27.422	16.1	2048.5
1/12/2017	3:15:00	0	27.446	16.1	2048.5
1/12/2017	3:30:00	0	27.435	16.1	2048.5
1/12/2017	3:45:00	0	27.411	16.1	2048.5
1/12/2017	4:00:00	0	27.434	16.1	2049.7
1/12/2017	4:15:00	0	27.418	16.1	2049.7
1/12/2017	4:30:00	0	27.423	16.1	2050.9
1/12/2017	4:45:00	0	27.412	16.1	2048.5
1/12/2017	5:00:00	0	27.454	16.1	2049.7
1/12/2017	5:15:00	0	27.448	16.1	2049.7
1/12/2017	5:30:00	0	27.452	16.1	2048.5
1/12/2017	5:45:00	0	27.437	16.1	2049.7
1/12/2017	6:00:00	0	27.428	16.1	2049.7
1/12/2017	6:15:00	0	27.403	16.1	2049.7
1/12/2017	6:30:00	0	27.403	16.1	2048.5
1/12/2017	6:45:00	0	27.418	16.1	2049.7
1/12/2017	7:00:00	0	27.408	16.1	2050.9
1/12/2017	7:15:00	0	27.459	16.1	2049.7
1/12/2017	7:30:00	0	27.445	16.1	2049.7

1/12/2017	7:45:00	0	27.395	16.1	2049.7
1/12/2017	8:00:00	0	27.347	16.1	2048.5
1/12/2017	8:15:00	0	27.399	16.1	2049.7
1/12/2017	8:30:00	0	27.429	16.1	2049.7
1/12/2017	8:45:00	0	27.38	16.1	2049.7
1/12/2017	9:00:00	0	27.393	16.1	2049.7
1/12/2017	9:15:00	0	27.382	16.1	2049.7
1/12/2017	9:30:00	0	27.395	16.1	2050.9
1/12/2017	9:45:00	0	27.345	16.1	2050.9
1/12/2017	10:00:00	0	27.397	16.1	2049.7
1/12/2017	10:15:00	0	27.353	16.1	2049.7
1/12/2017	10:30:00	0	27.326	16.1	2049.7
1/12/2017	10:45:00	0	27.346	16.1	2050.9
1/12/2017	11:00:00	0	27.368	16.1	2050.9
1/12/2017	11:15:00	0	27.334	16.1	2050.9
1/12/2017	11:30:00	0	27.38	16.1	2049.7
1/12/2017	11:45:00	0	27.382	16.1	2049.7
1/12/2017	12:00:00	0	27.387	16.1	2049.7
1/12/2017	12:15:00	0	27.394	16.1	2049.7
1/12/2017	12:30:00	0	27.396	16.1	2049.7
1/12/2017	12:45:00	0	27.398	16.1	2050.9
1/12/2017	13:00:00	0	27.4	16.1	2049.7
1/12/2017	13:15:00	0	27.462	16.1	2049.7
1/12/2017	13:30:00	0	27.402	16.1	2049.7
1/12/2017	13:45:00	0	27.383	16.1	2049.7
1/12/2017	14:00:00	0	27.425	16.1	2049.7
1/12/2017	14:15:00	0	27.406	16.1	2049.7
1/12/2017	14:30:00	0	27.401	16.1	2049.7
1/12/2017	14:45:00	0	27.435	16.1	2049.7
1/12/2017	15:00:00	0	27.431	16.1	2049.7
1/12/2017	15:15:00	0	27.39	16.1	2049.7
1/12/2017	15:30:00	0	27.348	16.1	2049.7
1/12/2017	15:45:00	0	27.402	16.1	2050.9
1/12/2017	16:00:00	0	27.381	16.1	2049.7
1/12/2017	16:15:00	0	27.361	16.1	2049.7
1/12/2017	16:30:00	0	27.381	16.1	2049.7
1/12/2017	16:45:00	0	27.399	16.1	2049.7
1/12/2017	17:00:00	0	27.356	16.1	2050.9
1/12/2017	17:15:00	0	27.352	16.1	2040.3
1/12/2017	17:30:00	0	27.372	16.1	2045
1/12/2017	17:45:00	0	27.39	16.1	2048.5
1/12/2017	18:00:00	0	27.404	16.1	2049.7
1/12/2017	18:15:00	0	27.381	16.1	2050.9
1/12/2017	18:30:00	0	27.417	16.1	2050.9
1/12/2017	18:45:00	0	27.388	16.1	2054.4
1/12/2017	19:00:00	0	27.339	16.1	2054.4
1/12/2017	19:15:00	0	27.393	16.1	2056.8

1/12/2017	19:30:00	0	27.408	16.1	2063.9
1/12/2017	19:45:00	0	27.385	16.1	2062.7
1/12/2017	20:00:00	0	27.377	16.1	2063.9
1/12/2017	20:15:00	0	27.333	16.1	2066.2
1/12/2017	20:30:00	0	27.368	16.1	2066.2
1/12/2017	20:45:00	0	27.366	16.1	2063.9
1/12/2017	21:00:00	0	27.381	16.1	2062.7
1/12/2017	21:15:00	0	27.362	16.1	2062.7
1/12/2017	21:30:00	0	27.318	16.1	2062.7
1/12/2017	21:45:00	0	27.336	16.1	2061.5
1/12/2017	22:00:00	0	27.412	16.1	2062.7
1/12/2017	22:15:00	0	27.39	16.1	2061.5
1/12/2017	22:30:00	0	27.37	16.1	2062.7
1/12/2017	22:45:00	0	27.335	16.1	2062.7
1/12/2017	23:00:00	0	27.391	16.1	2062.7
1/12/2017	23:15:00	0	27.392	16.1	2061.5
1/12/2017	23:30:00	0	27.393	16.1	2061.5
1/12/2017	23:45:00	0	27.391	16.1	2061.5
1/13/2017	0:00:00	0	27.448	16.1	2060.3
1/13/2017	0:15:00	0	27.367	16.1	2060.3
1/13/2017	0:30:00	0	27.426	16.1	2060.3
1/13/2017	0:45:00	0	27.387	16.1	2060.3
1/13/2017	1:00:00	0	27.408	16.1	2058
1/13/2017	1:15:00	0	27.402	16.1	2060.3
1/13/2017	1:30:00	0	27.439	16.1	2060.3
1/13/2017	1:45:00	0	27.394	16.1	2060.3
1/13/2017	2:00:00	0	27.407	16.1	2058
1/13/2017	2:15:00	0	27.362	16.1	2058
1/13/2017	2:30:00	0	27.38	16.1	2058
1/13/2017	2:45:00	0	27.396	16.1	2060.3
1/13/2017	3:00:00	0	27.389	16.1	2058
1/13/2017	3:15:00	0	27.392	16.1	2056.8
1/13/2017	3:30:00	0	27.428	16.1	2056.8
1/13/2017	3:45:00	0	27.384	16.1	2056.8
1/13/2017	4:00:00	0	27.348	16.1	2056.8
1/13/2017	4:15:00	0	27.382	16.1	2056.8
1/13/2017	4:30:00	0	27.379	16.1	2056.8
1/13/2017	4:45:00	0	27.4	16.1	2056.8
1/13/2017	5:00:00	0	27.371	16.1	2056.8
1/13/2017	5:15:00	0	27.409	16.1	2056.8
1/13/2017	5:30:00	0	27.409	16.1	2056.8
1/13/2017	5:45:00	0	27.405	16.1	2056.8
1/13/2017	6:00:00	0	27.403	16.1	2056.8
1/13/2017	6:15:00	0	27.382	16.1	2056.8
1/13/2017	6:30:00	0	27.377	16.1	2055.6
1/13/2017	6:45:00	0	27.41	16.1	2055.6
1/13/2017	7:00:00	0	27.384	16.1	2055.6

1/13/2017	7:15:00	0	27.38	16.1	2055.6
1/13/2017	7:30:00	0	27.392	16.1	2056.8
1/13/2017	7:45:00	0	27.385	16.1	2055.6
1/13/2017	8:00:00	0	27.365	16.1	2055.6
1/13/2017	8:15:00	0	27.356	16.1	2056.8
1/13/2017	8:30:00	0	27.359	16.1	2056.8
1/13/2017	8:45:00	0	27.308	16.1	2056.8
1/13/2017	9:00:00	0	27.362	16.1	2056.8
1/13/2017	9:15:00	0	27.416	16.1	2055.6
1/13/2017	9:30:00	0	27.348	16.1	2055.6
1/13/2017	9:45:00	0	27.319	16.1	2058
1/13/2017	10:00:00	0	27.351	16.1	2056.8
1/13/2017	10:15:00	0	27.326	16.1	2056.8
1/13/2017	10:30:00	0	27.361	16.1	2056.8
1/13/2017	10:45:00	0	27.32	16.1	2055.6
1/13/2017	11:00:00	0	27.341	16.1	2055.6
1/13/2017	11:15:00	0	27.343	16.1	2054.4
1/13/2017	11:30:00	0	27.388	16.1	2055.6
1/13/2017	11:45:00	0	27.332	16.1	2056.8
1/13/2017	12:00:00	0	27.375	16.1	2055.6
1/13/2017	12:15:00	0	27.364	16.1	2055.6
1/13/2017	12:30:00	0	27.356	16.1	2055.6
1/13/2017	12:45:00	0	27.338	16.1	2055.6
1/13/2017	13:00:00	0	27.367	16.1	2055.6
1/13/2017	13:15:00	0	27.392	16.1	2055.6
1/13/2017	13:30:00	0	27.45	16.1	2055.6
1/13/2017	13:45:00	0	27.39	16.1	2055.6
1/13/2017	14:00:00	0	27.403	16.1	2055.6
1/13/2017	14:15:00	0	27.354	16.1	2054.4
1/13/2017	14:30:00	0	27.352	16.1	2055.6
1/13/2017	14:45:00	0	27.369	16.1	2055.6
1/13/2017	15:00:00	0	27.372	16.1	2055.6
1/13/2017	15:15:00	0	27.353	16.1	2055.6
1/13/2017	15:30:00	0	27.394	16.1	2054.4
1/13/2017	15:45:00	0	27.341	16.1	2054.4
1/13/2017	16:00:00	0	27.422	16.1	2054.4
1/13/2017	16:15:00	0	27.409	16.1	2054.4
1/13/2017	16:30:00	0	27.393	16.1	2054.4
1/13/2017	16:45:00	0	27.39	16.1	2054.4
1/13/2017	17:00:00	0	27.396	16.1	2054.4
1/13/2017	17:15:00	0	27.375	16.1	2054.4
1/13/2017	17:30:00	0	27.352	16.1	2054.4
1/13/2017	17:45:00	0	27.389	16.1	2054.4
1/13/2017	18:00:00	0	27.429	16.1	2054.4
1/13/2017	18:15:00	0	27.374	16.1	2054.4
1/13/2017	18:30:00	0	27.359	16.1	2055.6
1/13/2017	18:45:00	0	27.391	16.1	2054.4

1/13/2017	19:00:00	0	27.344	16.1	2054.4
1/13/2017	19:15:00	0	27.362	16.1	2054.4
1/13/2017	19:30:00	0	27.383	16.1	2055.6
1/13/2017	19:45:00	0	27.384	16.1	2055.6
1/13/2017	20:00:00	0	27.357	16.1	2054.4
1/13/2017	20:15:00	0	27.348	16.1	2054.4
1/13/2017	20:30:00	0	27.395	16.1	2054.4
1/13/2017	20:45:00	0	27.39	16.1	2054.4
1/13/2017	21:00:00	0	27.367	16.1	2054.4
1/13/2017	21:15:00	0	27.4	16.1	2054.4
1/13/2017	21:30:00	0	27.303	16.1	2054.4
1/13/2017	21:45:00	0	27.375	16.1	2054.4
1/13/2017	22:00:00	0	27.375	16.1	2054.4
1/13/2017	22:15:00	0	27.371	16.1	2054.4
1/13/2017	22:30:00	0	27.351	16.1	2054.4
1/13/2017	22:45:00	0	27.384	16.1	2054.4
1/13/2017	23:00:00	0	27.368	16.1	2054.4
1/13/2017	23:15:00	0	27.314	16.1	2054.4
1/13/2017	23:30:00	0	27.352	16.1	2054.4
1/13/2017	23:45:00	0	27.357	16.1	2052.1
1/14/2017	0:00:00	0	27.345	16.1	2052.1
1/14/2017	0:15:00	0	27.363	16.1	2054.4
1/14/2017	0:30:00	0	27.363	16.1	2052.1
1/14/2017	0:45:00	0	27.381	16.1	2052.1
1/14/2017	1:00:00	0	27.385	16.1	2052.1
1/14/2017	1:15:00	0	27.349	16.1	2052.1
1/14/2017	1:30:00	0	27.356	16.1	2052.1
1/14/2017	1:45:00	0	27.409	16.1	2052.1
1/14/2017	2:00:00	0	27.39	16.1	2054.4
1/14/2017	2:15:00	0	27.366	16.1	2052.1
1/14/2017	2:30:00	0	27.407	16.1	2052.1
1/14/2017	2:45:00	0	27.366	16.1	2052.1
1/14/2017	3:00:00	0	27.386	16.1	2052.1
1/14/2017	3:15:00	0	27.365	16.1	2054.4
1/14/2017	3:30:00	0	27.41	16.1	2052.1
1/14/2017	3:45:00	0	27.392	16.1	2052.1
1/14/2017	4:00:00	0	27.394	16.1	2052.1
1/14/2017	4:15:00	0	27.389	16.1	2052.1
1/14/2017	4:30:00	0	27.365	16.1	2052.1
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1/14/2017	5:00:00	0	27.409	16.1	2052.1
1/14/2017	5:15:00	0	27.339	16.1	2050.9
1/14/2017	5:30:00	0	27.418	16.1	2050.9
1/14/2017	5:45:00	0	27.419	16.1	2050.9
1/14/2017	6:00:00	0	27.422	16.1	2052.1
1/14/2017	6:15:00	0	27.396	16.1	2050.9
1/14/2017	6:30:00	0	27.416	16.1	2054.4

1/14/2017	6:45:00	0	27.372	16.1	2050.9
1/14/2017	7:00:00	0	27.375	16.1	2052.1
1/14/2017	7:15:00	0	27.413	16.1	2050.9
1/14/2017	7:30:00	0	27.414	16.1	2050.9
1/14/2017	7:45:00	0	27.415	16.1	2052.1
1/14/2017	8:00:00	0	27.333	16.1	2052.1
1/14/2017	8:15:00	0	27.346	16.1	2052.1
1/14/2017	8:30:00	0	27.333	16.1	2050.9
1/14/2017	8:45:00	0	27.366	16.1	2050.9
1/14/2017	9:00:00	0	27.356	16.1	2052.1
1/14/2017	9:15:00	0	27.327	16.1	2050.9
1/14/2017	9:30:00	0	27.343	16.1	2050.9
1/14/2017	9:45:00	0	27.324	16.1	2052.1
1/14/2017	10:00:00	0	27.344	16.1	2052.1
1/14/2017	10:15:00	0	27.369	16.1	2052.1
1/14/2017	10:30:00	0	27.37	16.1	2050.9
1/14/2017	10:45:00	0	27.374	16.1	2052.1
1/14/2017	11:00:00	0	27.383	16.1	2052.1
1/14/2017	11:15:00	0	27.37	16.1	2052.1
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1/14/2017	11:45:00	0	27.405	16.1	2052.1
1/14/2017	12:00:00	0	27.395	16.1	2052.1
1/14/2017	12:15:00	0	27.349	16.1	2052.1
1/14/2017	12:30:00	0	27.415	16.1	2052.1
1/14/2017	12:45:00	0	27.362	16.1	2052.1
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1/14/2017	14:15:00	0	27.355	16.1	2050.9
1/14/2017	14:30:00	0	27.37	16.1	2052.1
1/14/2017	14:45:00	0	27.373	16.1	2050.9
1/14/2017	15:00:00	0	27.38	16.1	2050.9
1/14/2017	15:15:00	0	27.403	16.1	2052.1
1/14/2017	15:30:00	0	27.384	16.1	2050.9
1/14/2017	15:45:00	0	27.363	16.1	2050.9
1/14/2017	16:00:00	0	27.343	16.1	2050.9
1/14/2017	16:15:00	0	27.386	16.1	2050.9
1/14/2017	16:30:00	0	27.403	16.1	2050.9
1/14/2017	16:45:00	0	27.339	16.1	2050.9
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1/14/2017	17:15:00	0	27.411	16.1	2050.9
1/14/2017	17:30:00	0	27.395	16.1	2050.9
1/14/2017	17:45:00	0	27.434	16.1	2052.1
1/14/2017	18:00:00	0	27.37	16.1	2050.9
1/14/2017	18:15:00	0	27.389	16.1	2050.9

1/14/2017	18:30:00	0	27.373	16.1	2050.9
1/14/2017	18:45:00	0	27.372	16.1	2050.9
1/14/2017	19:00:00	0	27.372	16.1	2052.1
1/14/2017	19:15:00	0	27.394	16.1	2050.9
1/14/2017	19:30:00	0	27.357	16.1	2050.9
1/14/2017	19:45:00	0	27.415	16.1	2050.9
1/14/2017	20:00:00	0	27.391	16.1	2050.9
1/14/2017	20:15:00	0	27.355	16.1	2050.9
1/14/2017	20:30:00	0	27.371	16.1	2050.9
1/14/2017	20:45:00	0	27.354	16.1	2049.7
1/14/2017	21:00:00	0	27.375	16.1	2050.9
1/14/2017	21:15:00	0	27.416	16.1	2049.7
1/14/2017	21:30:00	0	27.357	16.1	2049.7
1/14/2017	21:45:00	0	27.376	16.1	2050.9
1/14/2017	22:00:00	0	27.42	16.1	2050.9
1/14/2017	22:15:00	0	27.358	16.1	2050.9
1/14/2017	22:30:00	0	27.395	16.1	2050.9
1/14/2017	22:45:00	0	27.339	16.1	2050.9
1/14/2017	23:00:00	0	27.354	16.1	2050.9
1/14/2017	23:15:00	0	27.378	16.1	2052.1
1/14/2017	23:30:00	0	27.396	16.1	2052.1
1/14/2017	23:45:00	0	27.38	16.1	2052.1
1/15/2017	0:00:00	0	27.381	16.1	2050.9
1/15/2017	0:15:00	0	27.361	16.1	2050.9
1/15/2017	0:30:00	0	27.365	16.1	2050.9
1/15/2017	0:45:00	0	27.409	16.1	2050.9
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1/15/2017	1:15:00	0	27.353	16.1	2050.9
1/15/2017	1:30:00	0	27.353	16.1	2050.9
1/15/2017	1:45:00	0	27.371	16.1	2052.1
1/15/2017	2:00:00	0	27.41	16.1	2050.9
1/15/2017	2:15:00	0	27.368	16.1	2050.9
1/15/2017	2:30:00	0	27.39	16.1	2050.9
1/15/2017	2:45:00	0	27.388	16.1	2050.9
1/15/2017	3:00:00	0	27.429	16.1	2049.7
1/15/2017	3:15:00	0	27.431	16.1	2049.7
1/15/2017	3:30:00	0	27.448	16.1	2049.7
1/15/2017	3:45:00	0	27.428	16.1	2049.7
1/15/2017	4:00:00	0	27.408	16.1	2049.7
1/15/2017	4:15:00	0	27.389	16.1	2049.7
1/15/2017	4:30:00	0	27.375	16.1	2050.9
1/15/2017	4:45:00	0	27.397	16.1	2050.9
1/15/2017	5:00:00	0	27.421	16.1	2050.9
1/15/2017	5:15:00	0	27.382	16.1	2050.9
1/15/2017	5:30:00	0	27.404	16.1	2050.9
1/15/2017	5:45:00	0	27.403	16.1	2049.7
1/15/2017	6:00:00	0	27.466	16.1	2049.7

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1/15/2017	6:30:00	0	27.444	16.1	2050.9
1/15/2017	6:45:00	0	27.423	16.1	2049.7
1/15/2017	7:00:00	0	27.405	16.1	2050.9
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1/15/2017	8:00:00	0	27.438	16.1	2049.7
1/15/2017	8:15:00	0	27.39	16.1	2049.7
1/15/2017	8:30:00	0	27.379	16.1	2050.9
1/15/2017	8:45:00	0	27.388	16.1	2050.9
1/15/2017	9:00:00	0	27.362	16.1	2049.7
1/15/2017	9:15:00	0	27.335	16.1	2050.9
1/15/2017	9:30:00	0	27.37	16.1	2049.7
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1/15/2017	10:15:00	0	27.348	16.1	2049.7
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1/15/2017	11:00:00	0	27.338	16.1	2049.7
1/15/2017	11:15:00	0	27.37	16.1	2049.7
1/15/2017	11:30:00	0	27.416	16.1	2050.9
1/15/2017	11:45:00	0	27.44	16.1	2049.7
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1/15/2017	15:15:00	0	27.467	16.1	2048.5
1/15/2017	15:30:00	0	27.386	16.1	2049.7
1/15/2017	15:45:00	0	27.392	16.1	2050.9
1/15/2017	16:00:00	0	27.412	16.1	2049.7
1/15/2017	16:15:00	0	27.425	16.1	2048.5
1/15/2017	16:30:00	0	27.43	16.1	2049.7
1/15/2017	16:45:00	0	27.392	16.1	2048.5
1/15/2017	17:00:00	0	27.375	16.1	2048.5
1/15/2017	17:15:00	0	27.377	16.1	2049.7
1/15/2017	17:30:00	0	27.374	16.1	2049.7
1/15/2017	17:45:00	0	27.366	16.1	2049.7

1/15/2017	18:00:00	0	27.392	16.1	2049.7
1/15/2017	18:15:00	0	27.327	16.1	2049.7
1/15/2017	18:30:00	0	27.386	16.1	2049.7
1/15/2017	18:45:00	0	27.341	16.1	2049.7
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1/15/2017	19:15:00	0	27.357	16.1	2049.7
1/15/2017	19:30:00	0	27.455	16.1	2048.5
1/15/2017	19:45:00	0	27.412	16.1	2048.5
1/15/2017	20:00:00	0	27.376	16.1	2049.7
1/15/2017	20:15:00	0	27.356	16.1	2049.7
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1/15/2017	22:30:00	0	27.422	16.1	2048.5
1/15/2017	22:45:00	0	27.415	16.1	2048.5
1/15/2017	23:00:00	0	27.372	16.1	2048.5
1/15/2017	23:15:00	0	27.352	16.1	2049.7
1/15/2017	23:30:00	0	27.371	16.1	2048.5
1/15/2017	23:45:00	0	27.357	16.1	2049.7
1/16/2017	0:00:00	0	27.38	16.1	2048.5
1/16/2017	0:15:00	0	27.389	16.1	2048.5
1/16/2017	0:30:00	0	27.353	16.1	2049.7
1/16/2017	0:45:00	0	27.395	16.1	2049.7
1/16/2017	1:00:00	0	27.378	16.1	2048.5
1/16/2017	1:15:00	0	27.419	16.1	2048.5
1/16/2017	1:30:00	0	27.421	16.1	2048.5
1/16/2017	1:45:00	0	27.366	16.1	2048.5
1/16/2017	2:00:00	0	27.389	16.1	2048.5
1/16/2017	2:15:00	0	27.373	16.1	2048.5
1/16/2017	2:30:00	0	27.419	16.1	2048.5
1/16/2017	2:45:00	0	27.416	16.1	2048.5
1/16/2017	3:00:00	0	27.388	16.1	2049.7
1/16/2017	3:15:00	0	27.382	16.1	2048.5
1/16/2017	3:30:00	0	27.408	16.1	2049.7
1/16/2017	3:45:00	0	27.396	16.1	2049.7
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1/16/2017	4:15:00	0	27.387	16.1	2048.5
1/16/2017	4:30:00	0	27.391	16.1	2048.5
1/16/2017	4:45:00	0	27.376	16.1	2048.5
1/16/2017	5:00:00	0	27.393	16.1	2048.5
1/16/2017	5:15:00	0	27.378	16.1	2048.5
1/16/2017	5:30:00	0	27.392	16.1	2048.5

1/16/2017	5:45:00	0	27.391	16.1	2048.5
1/16/2017	6:00:00	0	27.393	16.1	2048.5
1/16/2017	6:15:00	0	27.353	16.1	2048.5
1/16/2017	6:30:00	0	27.389	16.1	2048.5
1/16/2017	6:45:00	0	27.385	16.1	2049.7
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1/16/2017	8:00:00	0	27.413	16.1	2046.2
1/16/2017	8:15:00	0	27.425	16.1	2048.5
1/16/2017	8:30:00	0	27.397	16.1	2049.7
1/16/2017	8:45:00	0	27.348	16.1	2048.5
1/16/2017	9:00:00	0	27.367	16.1	2046.2
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1/16/2017	9:45:00	0	27.355	16.1	2048.5
1/16/2017	10:00:00	0	27.306	16.1	2048.5
1/16/2017	10:15:00	0	27.341	16.1	2049.7
1/16/2017	10:30:00	0	27.322	16.1	2048.5
1/16/2017	10:45:00	0	27.347	16.1	2048.5
1/16/2017	11:00:00	0	27.339	16.1	2048.5
1/16/2017	11:15:00	0	27.371	16.1	2048.5
1/16/2017	11:30:00	0	27.354	16.1	2048.5
1/16/2017	11:45:00	0	27.343	16.1	2050.9
1/16/2017	12:00:00	0	27.399	16.1	2049.7
1/16/2017	12:15:00	0	27.409	16.1	2048.5
1/16/2017	12:30:00	0	27.338	16.1	2049.7
1/16/2017	12:45:00	0	27.406	16.1	2048.5
1/16/2017	13:00:00	0	27.417	16.1	2049.7
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1/16/2017	13:30:00	0	27.382	16.1	2049.7
1/16/2017	13:45:00	0	27.404	16.1	2049.7
1/16/2017	14:00:00	0	27.387	16.1	2048.5
1/16/2017	14:15:00	0	27.41	16.1	2048.5
1/16/2017	14:30:00	0	27.385	16.1	2049.7
1/16/2017	14:45:00	0	27.348	16.1	2048.5
1/16/2017	15:00:00	0	27.389	16.1	2048.5
1/16/2017	15:15:00	0	27.411	16.1	2046.2
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1/16/2017	15:45:00	0	27.395	16.1	2048.5
1/16/2017	16:00:00	0	27.338	16.1	2048.5
1/16/2017	16:15:00	0	27.423	16.1	2049.7
1/16/2017	16:30:00	0	27.428	16.1	2048.5
1/16/2017	16:45:00	0	27.395	16.1	2049.7
1/16/2017	17:00:00	0	27.456	16.1	2048.5
1/16/2017	17:15:00	0	27.392	16.1	2048.5

1/16/2017	17:30:00	0	27.409	16.1	2048.5
1/16/2017	17:45:00	0	27.369	16.1	2048.5
1/16/2017	18:00:00	0	27.401	16.1	2048.5
1/16/2017	18:15:00	0	27.362	16.1	2046.2
1/16/2017	18:30:00	0	27.406	16.1	2046.2
1/16/2017	18:45:00	0	27.389	16.1	2046.2
1/16/2017	19:00:00	0	27.385	16.1	2046.2
1/16/2017	19:15:00	0	27.398	16.1	2045
1/16/2017	19:30:00	0	27.397	16.1	2046.2
1/16/2017	19:45:00	0	27.377	16.1	2045
1/16/2017	20:00:00	0	27.361	16.1	2046.2
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1/16/2017	20:30:00	0	27.352	16.1	2048.5
1/16/2017	20:45:00	0	27.33	16.1	2046.2
1/16/2017	21:00:00	0	27.37	16.1	2046.2
1/16/2017	21:15:00	0	27.345	16.1	2048.5
1/16/2017	21:30:00	0	27.414	16.1	2046.2
1/16/2017	21:45:00	0	27.416	16.1	2048.5
1/16/2017	22:00:00	0	27.38	16.1	2046.2
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1/16/2017	22:30:00	0	27.423	16.1	2046.2
1/16/2017	22:45:00	0	27.361	16.1	2046.2
1/16/2017	23:00:00	0	27.345	16.1	2046.2
1/16/2017	23:15:00	0	27.362	16.1	2046.2
1/16/2017	23:30:00	0	27.362	16.1	2049.7
1/16/2017	23:45:00	0	27.384	16.1	2049.7
1/17/2017	0:00:00	0	27.382	16.1	2048.5
1/17/2017	0:15:00	0	27.425	16.1	2048.5
1/17/2017	0:30:00	0	27.354	16.1	2048.5
1/17/2017	0:45:00	0	27.434	16.1	2048.5
1/17/2017	1:00:00	0	27.389	16.1	2048.5
1/17/2017	1:15:00	0	27.425	16.1	2046.2
1/17/2017	1:30:00	0	27.369	16.1	2048.5
1/17/2017	1:45:00	0	27.419	16.1	2049.7
1/17/2017	2:00:00	0	27.377	16.1	2049.7
1/17/2017	2:15:00	0	27.398	16.1	2048.5
1/17/2017	2:30:00	0	27.369	16.1	2050.9
1/17/2017	2:45:00	0	27.379	16.1	2050.9
1/17/2017	3:00:00	0	27.387	16.1	2050.9
1/17/2017	3:15:00	0	27.364	16.1	2049.7
1/17/2017	3:30:00	0	27.379	16.1	2049.7
1/17/2017	3:45:00	0	27.394	16.1	2048.5
1/17/2017	4:00:00	0	27.405	16.1	2049.7
1/17/2017	4:15:00	0	27.371	16.1	2048.5
1/17/2017	4:30:00	0	27.422	16.1	2048.5
1/17/2017	4:45:00	0	27.362	16.1	2048.5
1/17/2017	5:00:00	0	27.384	16.1	2049.7

1/17/2017	5:15:00	0	27.394	16.1	2049.7
1/17/2017	5:30:00	0	27.412	16.1	2048.5
1/17/2017	5:45:00	0	27.436	16.1	2049.7
1/17/2017	6:00:00	0	27.439	16.1	2048.5
1/17/2017	6:15:00	0	27.419	16.1	2048.5
1/17/2017	6:30:00	0	27.374	16.1	2046.2
1/17/2017	6:45:00	0	27.393	16.1	2048.5
1/17/2017	7:00:00	0	27.373	16.1	2046.2
1/17/2017	7:15:00	0	27.421	16.1	2048.5
1/17/2017	7:30:00	0	27.376	16.1	2048.5
1/17/2017	7:45:00	0	27.401	16.1	2048.5
1/17/2017	8:00:00	0	27.395	16.1	2046.2
1/17/2017	8:15:00	0	27.416	16.1	2046.2
1/17/2017	8:30:00	0	27.381	16.1	2045
1/17/2017	8:45:00	0	27.418	16.1	2046.2
1/17/2017	9:00:00	0	27.373	16.1	2048.5
1/17/2017	9:15:00	0	27.369	16.1	2048.5
1/17/2017	9:30:00	0	27.329	16.1	2048.5
1/17/2017	9:45:00	0	27.35	16.1	2048.5
1/17/2017	10:00:00	0	27.348	16.1	2046.2
1/17/2017	10:15:00	0	27.289	16.1	2046.2
1/17/2017	10:30:00	0	27.327	16.1	2048.5
1/17/2017	10:45:00	0	27.358	16.1	2048.5
1/17/2017	11:00:00	0	27.378	16.1	2046.2
1/17/2017	11:15:00	0	27.382	16.1	2046.2
1/17/2017	11:30:00	0	27.352	16.1	2046.2
1/17/2017	11:45:00	0	27.385	16.1	2046.2
1/17/2017	12:00:00	0	27.364	16.1	2046.2
1/17/2017	12:15:00	0	27.366	16.1	2048.5
1/17/2017	12:30:00	0	27.356	16.1	2048.5
1/17/2017	12:45:00	0	27.378	16.1	2048.5
1/17/2017	13:00:00	0	27.365	16.1	2046.2
1/17/2017	13:15:00	0	27.395	16.1	2048.5
1/17/2017	13:30:00	0	27.411	16.1	2048.5
1/17/2017	13:45:00	0	27.401	16.1	2049.7
1/17/2017	14:00:00	0	27.353	16.1	2048.5
1/17/2017	14:15:00	0	27.373	16.1	2048.5
1/17/2017	14:30:00	0	27.394	16.1	2048.5
1/17/2017	14:45:00	0	27.388	16.1	2046.2
1/17/2017	15:00:00	0	27.358	16.1	2046.2
1/17/2017	15:15:00	0	27.339	16.1	2048.5
1/17/2017	15:30:00	0	27.381	16.1	2045
1/17/2017	15:45:00	0	27.386	16.1	2048.5
1/17/2017	16:00:00	0	27.383	16.1	2048.5
1/17/2017	16:15:00	0	27.339	16.1	2046.2
1/17/2017	16:30:00	0	27.372	16.1	2048.5
1/17/2017	16:45:00	0	27.368	16.1	2046.2

1/17/2017	17:00:00	0	27.337	16.1	2046.2
1/17/2017	17:15:00	0	27.39	16.1	2046.2
1/17/2017	17:30:00	0	27.334	16.1	2046.2
1/17/2017	17:45:00	0	27.335	16.1	2046.2
1/17/2017	18:00:00	0	27.355	16.1	2048.5
1/17/2017	18:15:00	0	27.327	16.1	2046.2
1/17/2017	18:30:00	0	27.286	16.1	2048.5
1/17/2017	18:45:00	0	27.354	16.1	2048.5
1/17/2017	19:00:00	0	27.352	16.1	2046.2
1/17/2017	19:15:00	0	27.372	16.1	2046.2
1/17/2017	19:30:00	0	27.328	16.1	2046.2
1/17/2017	19:45:00	0	27.364	16.1	2046.2
1/17/2017	20:00:00	0	27.364	16.1	2045
1/17/2017	20:15:00	0	27.34	16.1	2046.2
1/17/2017	20:30:00	0	27.392	16.1	2046.2
1/17/2017	20:45:00	0	27.357	16.1	2046.2
1/17/2017	21:00:00	0	27.309	16.1	2048.5
1/17/2017	21:15:00	0	27.394	16.1	2048.5
1/17/2017	21:30:00	0	27.336	16.1	2046.2
1/17/2017	21:45:00	0	27.36	16.1	2045
1/17/2017	22:00:00	0	27.403	16.1	2046.2
1/17/2017	22:15:00	0	27.359	16.1	2048.5
1/17/2017	22:30:00	0	27.343	16.1	2046.2
1/17/2017	22:45:00	0	27.342	16.1	2046.2
1/17/2017	23:00:00	0	27.377	16.1	2046.2
1/17/2017	23:15:00	0	27.388	16.1	2046.2
1/17/2017	23:30:00	0	27.353	16.1	2048.5
1/17/2017	23:45:00	0	27.395	16.1	2046.2
1/18/2017	0:00:00	0	27.399	16.1	2046.2
1/18/2017	0:15:00	0	27.404	16.1	2045
1/18/2017	0:30:00	0	27.419	16.1	2046.2
1/18/2017	0:45:00	0	27.399	16.1	2046.2
1/18/2017	1:00:00	0	27.448	16.1	2046.2
1/18/2017	1:15:00	0	27.402	16.1	2048.5
1/18/2017	1:30:00	0	27.384	16.1	2046.2
1/18/2017	1:45:00	0	27.4	16.1	2046.2
1/18/2017	2:00:00	0	27.414	16.1	2045
1/18/2017	2:15:00	0	27.359	16.1	2045
1/18/2017	2:30:00	0	27.35	16.1	2046.2
1/18/2017	2:45:00	0	27.376	16.1	2046.2
1/18/2017	3:00:00	0	27.414	16.1	2046.2
1/18/2017	3:15:00	0	27.375	16.1	2046.2
1/18/2017	3:30:00	0	27.346	16.1	2046.2
1/18/2017	3:45:00	0	27.366	16.1	2046.2
1/18/2017	4:00:00	0	27.369	16.1	2046.2
1/18/2017	4:15:00	0	27.404	16.1	2046.2
1/18/2017	4:30:00	0	27.383	16.1	2046.2

1/18/2017	4:45:00	0	27.368	16.1	2048.5
1/18/2017	5:00:00	0	27.431	16.1	2046.2
1/18/2017	5:15:00	0	27.393	16.1	2046.2
1/18/2017	5:30:00	0	27.398	16.1	2046.2
1/18/2017	5:45:00	0	27.421	16.1	2046.2
1/18/2017	6:00:00	0	27.391	16.1	2048.5
1/18/2017	6:15:00	0	27.364	16.1	2048.5
1/18/2017	6:30:00	0	27.32	16.1	2045
1/18/2017	6:45:00	0	27.401	16.1	2045
1/18/2017	7:00:00	0	27.342	16.1	2046.2
1/18/2017	7:15:00	0	27.403	16.1	2046.2
1/18/2017	7:30:00	0	27.431	16.1	2046.2
1/18/2017	7:45:00	0	27.362	16.1	2046.2
1/18/2017	8:00:00	0	27.447	16.1	2046.2
1/18/2017	8:15:00	0	27.413	16.1	2046.2
1/18/2017	8:30:00	0	27.418	16.1	2046.2
1/18/2017	8:45:00	0	27.473	16.1	2046.2
1/18/2017	9:00:00	0	27.412	16.1	2046.2
1/18/2017	9:15:00	0	27.437	16.1	2046.2
1/18/2017	9:30:00	0	27.409	16.1	2046.2
1/18/2017	9:45:00	0	27.422	16.1	2046.2
1/18/2017	10:00:00	0	27.433	16.1	2046.2
1/18/2017	10:15:00	0	27.355	16.1	2048.5
1/18/2017	10:30:00	0	27.304	16.1	2046.2
1/18/2017	10:45:00	0	27.341	16.1	2046.2
1/18/2017	11:00:00	0	27.362	16.1	2046.2
1/18/2017	11:15:00	0	27.357	16.1	2046.2
1/18/2017	11:30:00	0	27.365	16.1	2045
1/18/2017	11:45:00	0	27.375	16.1	2046.2
1/18/2017	12:00:00	0	27.388	16.1	2046.2
1/18/2017	12:15:00	0	27.405	16.1	2046.2
1/18/2017	12:30:00	0	27.428	16.1	2046.2
1/18/2017	12:45:00	0	27.44	16.1	2046.2
1/18/2017	13:00:00	0	27.446	16.1	2046.2
1/18/2017	13:15:00	0	27.444	16.1	2046.2
1/18/2017	13:30:00	0	27.429	16.1	2046.2
1/18/2017	13:45:00	0	27.496	16.1	2046.2
1/18/2017	14:00:00	0	27.442	16.1	2046.2
1/18/2017	14:15:00	0	27.474	16.1	2046.2
1/18/2017	14:30:00	0	27.482	16.1	2045
1/18/2017	14:45:00	0	27.485	16.1	2046.2
1/18/2017	15:00:00	0	27.465	16.1	2046.2
1/18/2017	15:15:00	0	27.479	16.1	2045
1/18/2017	15:30:00	0	27.527	16.1	2045
1/18/2017	15:45:00	0	27.463	16.1	2046.2
1/18/2017	16:00:00	0	27.451	16.1	2045
1/18/2017	16:15:00	0	27.463	16.1	2045

1/18/2017	16:30:00	0	27.48	16.1	2046.2
1/18/2017	16:45:00	0	27.507	16.1	2046.2
1/18/2017	17:00:00	0	27.461	16.1	2048.5
1/18/2017	17:15:00	0	27.447	16.1	2046.2
1/18/2017	17:30:00	0	27.499	16.1	2046.2
1/18/2017	17:45:00	0	27.506	16.1	2045
1/18/2017	18:00:00	0	27.45	16.1	2045
1/18/2017	18:15:00	0	27.498	16.1	2045
1/18/2017	18:30:00	0	27.418	16.1	2045
1/18/2017	18:45:00	0	27.475	16.1	2046.2
1/18/2017	19:00:00	0	27.461	16.1	2046.2
1/18/2017	19:15:00	0	27.438	16.1	2045
1/18/2017	19:30:00	0	27.396	16.1	2046.2
1/18/2017	19:45:00	0	27.373	16.1	2046.2
1/18/2017	20:00:00	0	27.417	16.1	2046.2
1/18/2017	20:15:00	0	27.422	16.1	2045
1/18/2017	20:30:00	0	27.399	16.1	2045
1/18/2017	20:45:00	0	27.412	16.1	2046.2
1/18/2017	21:00:00	0	27.366	16.1	2046.2
1/18/2017	21:15:00	0	27.366	16.1	2045
1/18/2017	21:30:00	0	27.409	16.1	2045
1/18/2017	21:45:00	0	27.367	16.1	2046.2
1/18/2017	22:00:00	0	27.37	16.1	2045
1/18/2017	22:15:00	0	27.388	16.1	2046.2
1/18/2017	22:30:00	0	27.363	16.1	2046.2
1/18/2017	22:45:00	0	27.388	16.1	2045
1/18/2017	23:00:00	0	27.366	16.1	2046.2
1/18/2017	23:15:00	0	27.356	16.1	2045
1/18/2017	23:30:00	0	27.387	16.1	2046.2
1/18/2017	23:45:00	0	27.386	16.1	2045

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: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
1/12/2017	0:00:00	0	157.194	16	2480.4
1/12/2017	0:15:00	0	157.127	16	2478
1/12/2017	0:30:00	0	157.096	16	2480.4
1/12/2017	0:45:00	0	157.024	16	2480.4
1/12/2017	1:00:00	0	156.987	16	2480.4
1/12/2017	1:15:00	0	156.938	16	2480.4
1/12/2017	1:30:00	0	156.921	16	2480.4
1/12/2017	1:45:00	0	156.862	16	2481.5
1/12/2017	2:00:00	0	156.874	16	2481.5
1/12/2017	2:15:00	0	156.872	16	2481.5
1/12/2017	2:30:00	0	156.829	16	2481.5
1/12/2017	2:45:00	0	156.869	16	2481.5
1/12/2017	3:00:00	0	156.851	16	2481.5
1/12/2017	3:15:00	0	156.915	16	2481.5
1/12/2017	3:30:00	0	156.982	16	2482.7
1/12/2017	3:45:00	0	157.037	16	2481.5
1/12/2017	4:00:00	0	157.06	16	2481.5
1/12/2017	4:15:00	0	157.123	16	2482.7
1/12/2017	4:30:00	0	157.128	16	2481.5
1/12/2017	4:45:00	0	157.137	16	2481.5
1/12/2017	5:00:00	0	157.06	16	2481.5
1/12/2017	5:15:00	0	157.015	16	2481.5
1/12/2017	5:30:00	0	156.999	16	2481.5
1/12/2017	5:45:00	0	157.063	16	2481.5
1/12/2017	6:00:00	0	157.054	16	2481.5
1/12/2017	6:15:00	0	157.088	16	2481.5
1/12/2017	6:30:00	0	157.128	16	2481.5
1/12/2017	6:45:00	0	157.142	16	2481.5
1/12/2017	7:00:00	0	157.172	16	2481.5
1/12/2017	7:15:00	0	157.203	16	2481.5
1/12/2017	7:30:00	0	157.209	16	2481.5

1/12/2017	7:45:00	0	157.217	16	2481.5
1/12/2017	8:00:00	0	157.269	16	2481.5
1/12/2017	8:15:00	0	157.281	16	2481.5
1/12/2017	8:30:00	0	157.291	16	2481.5
1/12/2017	8:45:00	0	157.321	16	2481.5
1/12/2017	9:00:00	0	157.295	16	2480.4
1/12/2017	9:15:00	0	157.323	16	2481.5
1/12/2017	9:30:00	0	157.277	16	2480.4
1/12/2017	9:45:00	0	157.326	16	2480.4
1/12/2017	10:00:00	0	157.299	16	2481.5
1/12/2017	10:15:00	0	157.333	16	2481.5
1/12/2017	10:30:00	0	157.326	16	2481.5
1/12/2017	10:45:00	0	157.366	16	2481.5
1/12/2017	11:00:00	0	157.328	16	2481.5
1/12/2017	11:15:00	0	157.374	16	2480.4
1/12/2017	11:30:00	0	157.38	16	2480.4
1/12/2017	11:45:00	0	157.342	16	2480.4
1/12/2017	12:00:00	0	157.387	16	2480.4
1/12/2017	12:15:00	0	157.433	16	2481.5
1/12/2017	12:30:00	0	157.415	16	2481.5
1/12/2017	12:45:00	0	157.437	16	2481.5
1/12/2017	13:00:00	0	157.439	16	2481.5
1/12/2017	13:15:00	0	157.501	16	2482.7
1/12/2017	13:30:00	0	157.461	16	2481.5
1/12/2017	13:45:00	0	157.501	16	2482.7
1/12/2017	14:00:00	0	157.484	16	2482.7
1/12/2017	14:15:00	0	157.484	16	2481.5
1/12/2017	14:30:00	0	157.52	16	2481.5
1/12/2017	14:45:00	0	157.553	16	2491
1/12/2017	15:00:00	0	157.549	16	2489.8
1/12/2017	15:15:00	0	157.527	16	2489.8
1/12/2017	15:30:00	0	157.565	16	2489.8
1/12/2017	15:45:00	0	157.56	16	2489.8
1/12/2017	16:00:00	0	157.518	16	2489.8
1/12/2017	16:15:00	0	157.578	16	2488.6
1/12/2017	16:30:00	0	157.578	16	2488.6
1/12/2017	16:45:00	0	157.557	16	2487.4
1/12/2017	17:00:00	0	157.573	16	2485.1
1/12/2017	17:15:00	0	157.588	16	2485.1
1/12/2017	17:30:00	0	157.569	16	2485.1
1/12/2017	17:45:00	0	157.587	16	2485.1
1/12/2017	18:00:00	0	157.581	16	2485.1
1/12/2017	18:15:00	0	157.559	16	2483.9
1/12/2017	18:30:00	0	157.555	16	2485.1
1/12/2017	18:45:00	0	157.605	16	2485.1
1/12/2017	19:00:00	0	157.595	16	2483.9
1/12/2017	19:15:00	0	157.609	16	2483.9

1/12/2017	19:30:00	0	157.586	16	2483.9
1/12/2017	19:45:00	0	157.601	16	2483.9
1/12/2017	20:00:00	0	157.593	16	2483.9
1/12/2017	20:15:00	0	157.629	16	2483.9
1/12/2017	20:30:00	0	157.604	16	2483.9
1/12/2017	20:45:00	0	157.563	16	2483.9
1/12/2017	21:00:00	0	157.578	16	2482.7
1/12/2017	21:15:00	0	157.559	16	2483.9
1/12/2017	21:30:00	0	157.594	16	2482.7
1/12/2017	21:45:00	0	157.533	16	2482.7
1/12/2017	22:00:00	0	157.609	16	2483.9
1/12/2017	22:15:00	0	157.548	16	2482.7
1/12/2017	22:30:00	0	157.489	16	2483.9
1/12/2017	22:45:00	0	157.374	16	2482.7
1/12/2017	23:00:00	0	157.371	16	2483.9
1/12/2017	23:15:00	0	157.313	16	2483.9
1/12/2017	23:30:00	0	157.255	16	2483.9
1/12/2017	23:45:00	0	157.175	16	2483.9
1/13/2017	0:00:00	0	157.114	16	2482.7
1/13/2017	0:15:00	0	157.052	16	2483.9
1/13/2017	0:30:00	0	157.033	16	2482.7
1/13/2017	0:45:00	0	156.974	16	2482.7
1/13/2017	1:00:00	0	156.935	16	2482.7
1/13/2017	1:15:00	0	156.89	16	2482.7
1/13/2017	1:30:00	0	156.888	16	2483.9
1/13/2017	1:45:00	0	156.843	16	2482.7
1/13/2017	2:00:00	0	156.837	16	2482.7
1/13/2017	2:15:00	0	156.85	16	2482.7
1/13/2017	2:30:00	0	156.848	16	2483.9
1/13/2017	2:45:00	0	156.885	16	2483.9
1/13/2017	3:00:00	0	156.976	16	2482.7
1/13/2017	3:15:00	0	156.999	16	2482.7
1/13/2017	3:30:00	0	156.995	16	2483.9
1/13/2017	3:45:00	0	157.07	16	2483.9
1/13/2017	4:00:00	0	157.112	16	2483.9
1/13/2017	4:15:00	0	157.107	16	2483.9
1/13/2017	4:30:00	0	157.143	16	2483.9
1/13/2017	4:45:00	0	157.144	16	2483.9
1/13/2017	5:00:00	0	157.214	16	2485.1
1/13/2017	5:15:00	0	157.232	16	2483.9
1/13/2017	5:30:00	0	157.291	16	2483.9
1/13/2017	5:45:00	0	157.247	16	2485.1
1/13/2017	6:00:00	0	157.324	16	2483.9
1/13/2017	6:15:00	0	157.343	16	2483.9
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1/13/2017	8:15:00	0	157.395	16	2485.1
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1/13/2017	10:30:00	0	157.439	16	2485.1
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1/14/2017	1:15:00	0	156.778	16	2480.4
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1/14/2017	1:45:00	0	156.681	16	2480.4
1/14/2017	2:00:00	0	156.682	16	2480.4
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1/14/2017	2:30:00	0	156.62	16	2481.5
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1/14/2017	3:45:00	0	156.762	16	2480.4
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1/14/2017	9:30:00	0	156.93	16	2481.5
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1/14/2017	13:15:00	0	157.206	16	2478
1/14/2017	13:30:00	0	157.265	16	2478
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1/14/2017	19:15:00	0	157.158	16	2478
1/14/2017	19:30:00	0	157.121	16	2478
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1/15/2017	23:00:00	0	157.077	16	2461.5
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1/16/2017	9:45:00	0	157.336	16	2455.6
1/16/2017	10:00:00	0	157.306	16	2454.4
1/16/2017	10:15:00	0	157.302	16	2454.4
1/16/2017	10:30:00	0	157.362	16	2454.4
1/16/2017	10:45:00	0	157.328	16	2454.4
1/16/2017	11:00:00	0	157.32	16	2454.4
1/16/2017	11:15:00	0	157.332	16	2454.4
1/16/2017	11:30:00	0	157.354	16	2453.2
1/16/2017	11:45:00	0	157.383	16	2453.2
1/16/2017	12:00:00	0	157.379	16	2453.2
1/16/2017	12:15:00	0	157.37	16	2453.2
1/16/2017	12:30:00	0	157.397	16	2453.2
1/16/2017	12:45:00	0	157.387	16	2453.2
1/16/2017	13:00:00	0	157.398	16	2453.2
1/16/2017	13:15:00	0	157.377	16	2453.2
1/16/2017	13:30:00	0	157.421	16	2453.2
1/16/2017	13:45:00	0	157.424	16	2452
1/16/2017	14:00:00	0	157.426	16	2452
1/16/2017	14:15:00	0	157.391	16	2452
1/16/2017	14:30:00	0	157.464	16	2453.2
1/16/2017	14:45:00	0	157.447	16	2453.2
1/16/2017	15:00:00	0	157.428	16	2453.2
1/16/2017	15:15:00	0	157.431	16	2453.2
1/16/2017	15:30:00	0	157.428	16	2452
1/16/2017	15:45:00	0	157.454	16	2453.2
1/16/2017	16:00:00	0	157.476	16	2453.2
1/16/2017	16:15:00	0	157.424	16	2453.2
1/16/2017	16:30:00	0	157.507	16	2454.4
1/16/2017	16:45:00	0	157.435	16	2453.2
1/16/2017	17:00:00	0	157.437	16	2453.2
1/16/2017	17:15:00	0	157.432	16	2454.4

1/16/2017	17:30:00	0	157.448	16	2454.4
1/16/2017	17:45:00	0	157.429	16	2454.4
1/16/2017	18:00:00	0	157.401	16	2454.4
1/16/2017	18:15:00	0	157.402	16	2454.4
1/16/2017	18:30:00	0	157.426	16	2455.6
1/16/2017	18:45:00	0	157.429	16	2455.6
1/16/2017	19:00:00	0	157.425	16	2455.6
1/16/2017	19:15:00	0	157.418	16	2455.6
1/16/2017	19:30:00	0	157.397	16	2455.6
1/16/2017	19:45:00	0	157.417	16	2456.8
1/16/2017	20:00:00	0	157.421	16	2456.8
1/16/2017	20:15:00	0	157.416	16	2456.8
1/16/2017	20:30:00	0	157.412	16	2456.8
1/16/2017	20:45:00	0	157.428	16	2456.8
1/16/2017	21:00:00	0	157.41	16	2456.8
1/16/2017	21:15:00	0	157.444	16	2456.8
1/16/2017	21:30:00	0	157.434	16	2456.8
1/16/2017	21:45:00	0	157.436	16	2455.6
1/16/2017	22:00:00	0	157.42	16	2455.6
1/16/2017	22:15:00	0	157.439	16	2455.6
1/16/2017	22:30:00	0	157.483	16	2454.4
1/16/2017	22:45:00	0	157.401	16	2453.2
1/16/2017	23:00:00	0	157.345	16	2452
1/16/2017	23:15:00	0	157.264	16	2452
1/16/2017	23:30:00	0	157.185	16	2452
1/16/2017	23:45:00	0	157.187	16	2452
1/17/2017	0:00:00	0	157.146	16	2452
1/17/2017	0:15:00	0	157.071	16	2452
1/17/2017	0:30:00	0	157.059	16	2449.7
1/17/2017	0:45:00	0	157.001	16	2452
1/17/2017	1:00:00	0	157.015	16	2449.7
1/17/2017	1:15:00	0	156.933	16	2449.7
1/17/2017	1:30:00	0	156.877	16	2449.7
1/17/2017	1:45:00	0	156.868	16	2452
1/17/2017	2:00:00	0	156.846	16	2449.7
1/17/2017	2:15:00	0	156.768	16	2449.7
1/17/2017	2:30:00	0	156.779	16	2449.7
1/17/2017	2:45:00	0	156.769	16	2449.7
1/17/2017	3:00:00	0	156.836	16	2449.7
1/17/2017	3:15:00	0	156.872	16	2452
1/17/2017	3:30:00	0	156.868	16	2449.7
1/17/2017	3:45:00	0	156.922	16	2452
1/17/2017	4:00:00	0	156.972	16	2452
1/17/2017	4:15:00	0	157.037	16	2449.7
1/17/2017	4:30:00	0	157.048	16	2448.5
1/17/2017	4:45:00	0	157.086	16	2452
1/17/2017	5:00:00	0	157.03	16	2452

1/17/2017	5:15:00	0	157.02	16	2449.7
1/17/2017	5:30:00	0	156.92	16	2448.5
1/17/2017	5:45:00	0	156.925	16	2452
1/17/2017	6:00:00	0	156.869	16	2452
1/17/2017	6:15:00	0	156.907	16	2449.7
1/17/2017	6:30:00	0	156.961	16	2449.7
1/17/2017	6:45:00	0	156.999	16	2449.7
1/17/2017	7:00:00	0	156.999	16	2449.7
1/17/2017	7:15:00	0	157.028	16	2448.5
1/17/2017	7:30:00	0	157.081	16	2449.7
1/17/2017	7:45:00	0	157.086	16	2448.5
1/17/2017	8:00:00	0	157.159	16	2449.7
1/17/2017	8:15:00	0	157.141	16	2447.3
1/17/2017	8:30:00	0	157.105	16	2449.7
1/17/2017	8:45:00	0	157.162	16	2449.7
1/17/2017	9:00:00	0	157.137	16	2448.5
1/17/2017	9:15:00	0	157.133	16	2447.3
1/17/2017	9:30:00	0	157.073	16	2449.7
1/17/2017	9:45:00	0	157.055	16	2447.3
1/17/2017	10:00:00	0	157.034	16	2446.1
1/17/2017	10:15:00	0	157.073	16	2447.3
1/17/2017	10:30:00	0	156.992	16	2448.5
1/17/2017	10:45:00	0	156.985	16	2449.7
1/17/2017	11:00:00	0	156.965	16	2449.7
1/17/2017	11:15:00	0	156.989	16	2448.5
1/17/2017	11:30:00	0	156.978	16	2447.3
1/17/2017	11:45:00	0	157.012	16	2448.5
1/17/2017	12:00:00	0	156.99	16	2447.3
1/17/2017	12:15:00	0	156.972	16	2448.5
1/17/2017	12:30:00	0	157.002	16	2447.3
1/17/2017	12:45:00	0	157.024	16	2448.5
1/17/2017	13:00:00	0	157.011	16	2447.3
1/17/2017	13:15:00	0	157.06	16	2447.3
1/17/2017	13:30:00	0	157.057	16	2448.5
1/17/2017	13:45:00	0	157.047	16	2448.5
1/17/2017	14:00:00	0	157.039	16	2447.3
1/17/2017	14:15:00	0	157.098	16	2447.3
1/17/2017	14:30:00	0	157.079	16	2446.1
1/17/2017	14:45:00	0	157.093	16	2445
1/17/2017	15:00:00	0	157.063	16	2446.1
1/17/2017	15:15:00	0	157.143	16	2446.1
1/17/2017	15:30:00	0	157.125	16	2447.3
1/17/2017	15:45:00	0	157.15	16	2442.6
1/17/2017	16:00:00	0	157.127	16	2447.3
1/17/2017	16:15:00	0	157.143	16	2442.6
1/17/2017	16:30:00	0	157.175	16	2445
1/17/2017	16:45:00	0	157.151	16	2442.6

1/17/2017	17:00:00	0	157.16	16	2446.1
1/17/2017	17:15:00	0	157.154	16	2445
1/17/2017	17:30:00	0	157.177	16	2442.6
1/17/2017	17:45:00	0	157.217	16	2442.6
1/17/2017	18:00:00	0	157.197	16	2442.6
1/17/2017	18:15:00	0	157.209	16	2445
1/17/2017	18:30:00	0	157.168	16	2446.1
1/17/2017	18:45:00	0	157.157	16	2445
1/17/2017	19:00:00	0	157.214	16	2441.4
1/17/2017	19:15:00	0	157.215	16	2445
1/17/2017	19:30:00	0	157.21	16	2442.6
1/17/2017	19:45:00	0	157.207	16	2445
1/17/2017	20:00:00	0	157.266	16	2442.6
1/17/2017	20:15:00	0	157.241	16	2445
1/17/2017	20:30:00	0	157.274	16	2441.4
1/17/2017	20:45:00	0	157.259	16	2445
1/17/2017	21:00:00	0	157.27	16	2445
1/17/2017	21:15:00	0	157.296	16	2445
1/17/2017	21:30:00	0	157.277	16	2442.6
1/17/2017	21:45:00	0	157.32	16	2445
1/17/2017	22:00:00	0	157.344	16	2442.6
1/17/2017	22:15:00	0	157.3	16	2445
1/17/2017	22:30:00	0	157.264	16	2442.6
1/17/2017	22:45:00	0	157.185	16	2442.6
1/17/2017	23:00:00	0	157.102	16	2441.4
1/17/2017	23:15:00	0	157.093	16	2445
1/17/2017	23:30:00	0	157.019	16	2442.6
1/17/2017	23:45:00	0	156.943	16	2441.4
1/18/2017	0:00:00	0	156.926	16	2445
1/18/2017	0:15:00	0	156.853	16	2442.6
1/18/2017	0:30:00	0	156.868	16	2442.6
1/18/2017	0:45:00	0	156.789	16	2442.6
1/18/2017	1:00:00	0	156.818	16	2441.4
1/18/2017	1:15:00	0	156.792	16	2441.4
1/18/2017	1:30:00	0	156.734	16	2442.6
1/18/2017	1:45:00	0	156.731	16	2441.4
1/18/2017	2:00:00	0	156.706	16	2442.6
1/18/2017	2:15:00	0	156.69	16	2441.4
1/18/2017	2:30:00	0	156.681	16	2441.4
1/18/2017	2:45:00	0	156.726	16	2442.6
1/18/2017	3:00:00	0	156.765	16	2442.6
1/18/2017	3:15:00	0	156.824	16	2441.4
1/18/2017	3:30:00	0	156.854	16	2442.6
1/18/2017	3:45:00	0	156.874	16	2445
1/18/2017	4:00:00	0	156.936	16	2441.4
1/18/2017	4:15:00	0	156.971	16	2445
1/18/2017	4:30:00	0	157.009	16	2445

1/18/2017	4:45:00	0	156.994	16	2441.4
1/18/2017	5:00:00	0	157.097	16	2442.6
1/18/2017	5:15:00	0	157.137	16	2442.6
1/18/2017	5:30:00	0	157.122	16	2442.6
1/18/2017	5:45:00	0	157.185	16	2442.6
1/18/2017	6:00:00	0	157.155	16	2442.6
1/18/2017	6:15:00	0	157.207	16	2445
1/18/2017	6:30:00	0	157.202	16	2442.6
1/18/2017	6:45:00	0	157.244	16	2442.6
1/18/2017	7:00:00	0	157.283	16	2442.6
1/18/2017	7:15:00	0	157.285	16	2442.6
1/18/2017	7:30:00	0	157.294	16	2442.6
1/18/2017	7:45:00	0	157.323	16	2442.6
1/18/2017	8:00:00	0	157.309	16	2442.6
1/18/2017	8:15:00	0	157.335	16	2442.6
1/18/2017	8:30:00	0	157.261	16	2442.6
1/18/2017	8:45:00	0	157.237	16	2442.6
1/18/2017	9:00:00	0	157.156	16	2442.6
1/18/2017	9:15:00	0	157.123	16	2442.6
1/18/2017	9:30:00	0	157.114	16	2442.6
1/18/2017	9:45:00	0	157.166	16	2442.6
1/18/2017	10:00:00	0	157.178	16	2441.4
1/18/2017	10:15:00	0	157.139	16	2441.4
1/18/2017	10:30:00	0	157.206	16	2442.6
1/18/2017	10:45:00	0	157.223	16	2442.6
1/18/2017	11:00:00	0	157.264	16	2442.6
1/18/2017	11:15:00	0	157.279	16	2441.4
1/18/2017	11:30:00	0	157.267	16	2440.2
1/18/2017	11:45:00	0	157.316	16	2441.4
1/18/2017	12:00:00	0	157.349	16	2441.4
1/18/2017	12:15:00	0	157.367	16	2441.4
1/18/2017	12:30:00	0	157.33	16	2441.4
1/18/2017	12:45:00	0	157.401	16	2440.2
1/18/2017	13:00:00	0	157.407	16	2440.2
1/18/2017	13:15:00	0	157.404	16	2441.4
1/18/2017	13:30:00	0	157.409	16	2441.4
1/18/2017	13:45:00	0	157.417	16	2441.4
1/18/2017	14:00:00	0	157.442	16	2440.2
1/18/2017	14:15:00	0	157.474	16	2440.2
1/18/2017	14:30:00	0	157.463	16	2440.2
1/18/2017	14:45:00	0	157.485	16	2440.2
1/18/2017	15:00:00	0	157.524	16	2440.2
1/18/2017	15:15:00	0	157.538	16	2440.2
1/18/2017	15:30:00	0	157.527	16	2440.2
1/18/2017	15:45:00	0	157.541	16	2440.2
1/18/2017	16:00:00	0	157.569	16	2440.2
1/18/2017	16:15:00	0	157.581	16	2439.1

1/18/2017	16:30:00	0	157.598	16	2439.1
1/18/2017	16:45:00	0	157.585	16	2439.1
1/18/2017	17:00:00	0	157.618	16	2439.1
1/18/2017	17:15:00	0	157.604	16	2439.1
1/18/2017	17:30:00	0	157.617	16	2439.1
1/18/2017	17:45:00	0	157.605	16	2439.1
1/18/2017	18:00:00	0	157.647	16	2439.1
1/18/2017	18:15:00	0	157.675	16	2439.1
1/18/2017	18:30:00	0	157.693	16	2439.1
1/18/2017	18:45:00	0	157.652	16	2439.1
1/18/2017	19:00:00	0	157.638	16	2439.1
1/18/2017	19:15:00	0	157.674	16	2437.9
1/18/2017	19:30:00	0	157.652	16	2437.9
1/18/2017	19:45:00	0	157.708	16	2437.9
1/18/2017	20:00:00	0	157.692	16	2439.1
1/18/2017	20:15:00	0	157.658	16	2437.9
1/18/2017	20:30:00	0	157.654	16	2437.9
1/18/2017	20:45:00	0	157.747	16	2437.9
1/18/2017	21:00:00	0	157.701	16	2437.9
1/18/2017	21:15:00	0	157.72	16	2437.9
1/18/2017	21:30:00	0	157.685	16	2437.9
1/18/2017	21:45:00	0	157.741	16	2437.9
1/18/2017	22:00:00	0	157.724	16	2437.9
1/18/2017	22:15:00	0	157.743	16	2437.9
1/18/2017	22:30:00	0	157.737	16	2437.9
1/18/2017	22:45:00	0	157.684	16	2435.5
1/18/2017	23:00:00	0	157.661	16	2435.5
1/18/2017	23:15:00	0	157.533	16	2435.5
1/18/2017	23:30:00	0	157.525	16	2435.5
1/18/2017	23:45:00	0	157.465	16	2437.9

Report Date: 1/20/2017 8:28:41 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_2017-01-19_11-58-15-255-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

Log Notes:

Date and Time

Note

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
1/19/2017 11:57:16 AM Log Download - Used Battery: 18% Used Memory: 40% User Name: EHernandez
Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 12:15:00 PM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 728

Sensors: 2

1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

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:	
		Sensor: Baro-Adj Calc					
SN#: 440621		SN#: 440621		SN#: 440621		SN#: 440621	
SN#: 440621		SN#: 440621		SN#: 000000		SN#: 440621	
Elapsed Time		Corrected		Corrected			
Date and Time		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)							
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1/12/2017 12:00:00 AM		7200.000		60.947		16.846	
140.725		1114.661		1320.282		0.666	
0.898		897.134		0.999		14.679	
1/12/2017 12:15:00 AM		8100.000		60.942		16.847	
140.713		1114.085		1319.587		0.665	
0.897		897.598		0.999		14.679	
1/12/2017 12:30:00 AM		9000.000		60.946		16.846	
140.723		1113.542		1318.957		0.665	

0.897	898.035	0.999	14.671
1/12/2017 12:45:00 AM	9900.000	60.945	16.846
140.721	1112.828	1318.118	0.664
0.896	898.612	0.999	14.669
1/12/2017 1:00:00 AM	10800.000	60.951	16.846
140.734	1112.817	1318.092	0.664
0.896	898.620	0.999	14.663
1/12/2017 1:15:00 AM	11700.000	60.947	16.847
140.725	1112.431	1317.614	0.664
0.896	898.932	0.999	14.661
1/12/2017 1:30:00 AM	12600.000	60.939	16.847
140.706	1112.151	1317.279	0.664
0.896	899.159	0.999	14.663
1/12/2017 1:45:00 AM	13500.000	60.945	16.846
140.719	1112.448	1317.661	0.664
0.896	898.918	0.999	14.660
1/12/2017 2:00:00 AM	14400.000	60.946	16.847
140.721	1112.930	1318.208	0.665
0.896	898.529	0.999	14.658
1/12/2017 2:15:00 AM	15300.000	60.942	16.847
140.713	1113.146	1318.472	0.665
0.897	898.355	0.999	14.663
1/12/2017 2:30:00 AM	16200.000	60.939	16.846
140.706	1112.827	1318.107	0.664
0.896	898.612	0.999	14.668
1/12/2017 2:45:00 AM	17100.000	60.939	16.847
140.707	1113.105	1318.415	0.665
0.897	898.388	0.999	14.665
1/12/2017 3:00:00 AM	18000.000	60.937	16.847
140.701	1113.094	1318.406	0.665
0.897	898.397	0.999	14.667
1/12/2017 3:15:00 AM	18900.000	60.942	16.848
140.713	1113.510	1318.858	0.665
0.897	898.061	0.999	14.659
1/12/2017 3:30:00 AM	19800.000	60.947	16.847
140.725	1113.821	1319.266	0.665
0.897	897.810	0.999	14.654
1/12/2017 3:45:00 AM	20700.000	60.939	16.846
140.706	1113.710	1319.164	0.665
0.897	897.899	0.999	14.666
1/12/2017 4:00:00 AM	21600.000	60.949	16.846
140.730	1113.857	1319.342	0.665
0.897	897.781	0.999	14.655
1/12/2017 4:15:00 AM	22500.000	60.944	16.847
140.718	1113.989	1319.467	0.665
0.897	897.675	0.999	14.657
1/12/2017 4:30:00 AM	23400.000	60.949	16.847
140.730	1114.196	1319.710	0.665
0.897	897.508	0.999	14.656
1/12/2017 4:45:00 AM	24300.000	60.949	16.847
140.729	1114.261	1319.781	0.665
0.897	897.456	0.999	14.651
1/12/2017 5:00:00 AM	25200.000	60.946	16.846
140.722	1114.241	1319.781	0.665

0.897	897.472	0.999	14.651
1/12/2017 5:15:00 AM	26100.000	60.947	16.847
140.726	1114.310	1319.826	0.665
0.897	897.417	0.999	14.654
1/12/2017 5:30:00 AM	27000.000	60.951	16.847
140.733	1114.488	1320.045	0.666
0.898	897.273	0.999	14.651
1/12/2017 5:45:00 AM	27900.000	60.949	16.846
140.730	1114.371	1319.933	0.665
0.898	897.367	0.999	14.648
1/12/2017 6:00:00 AM	28800.000	60.943	16.847
140.716	1114.961	1320.616	0.666
0.898	896.892	0.999	14.656
1/12/2017 6:15:00 AM	29700.000	60.950	16.847
140.732	1114.622	1320.198	0.666
0.898	897.165	0.999	14.657
1/12/2017 6:30:00 AM	30600.000	60.949	16.846
140.730	1114.645	1320.257	0.666
0.898	897.147	0.999	14.650
1/12/2017 6:45:00 AM	31500.000	60.949	16.847
140.730	1114.669	1320.278	0.666
0.898	897.128	0.999	14.658
1/12/2017 7:00:00 AM	32400.000	60.950	16.848
140.732	1114.942	1320.552	0.666
0.898	896.908	0.999	14.663
1/12/2017 7:15:00 AM	33300.000	60.951	16.847
140.733	1115.116	1320.800	0.666
0.898	896.768	0.999	14.660
1/12/2017 7:30:00 AM	34200.000	60.951	16.847
140.735	1115.105	1320.789	0.666
0.898	896.776	0.999	14.668
1/12/2017 7:45:00 AM	35100.000	60.949	16.847
140.729	1115.775	1321.564	0.666
0.899	896.238	0.999	14.676
1/12/2017 8:00:00 AM	36000.000	60.956	16.846
140.745	1115.306	1321.042	0.666
0.898	896.615	0.999	14.675
1/12/2017 8:15:00 AM	36900.000	60.952	16.847
140.736	1115.663	1321.434	0.666
0.899	896.328	0.999	14.682
1/12/2017 8:30:00 AM	37800.000	60.949	16.845
140.728	1115.358	1321.125	0.666
0.898	896.573	0.999	14.690
1/12/2017 8:45:00 AM	38700.000	60.951	16.847
140.735	1115.495	1321.238	0.666
0.898	896.463	0.999	14.690
1/12/2017 9:00:00 AM	39600.000	60.942	16.846
140.714	1115.814	1321.636	0.666
0.899	896.207	0.999	14.702
1/12/2017 9:15:00 AM	40500.000	60.953	16.847
140.739	1115.900	1321.728	0.666
0.899	896.138	0.999	14.693
1/12/2017 9:30:00 AM	41400.000	60.950	16.847
140.732	1115.770	1321.553	0.666

0.899	896.242	0.999	14.694
1/12/2017 9:45:00 AM	42300.000	60.940	16.846
140.709	1116.460	1322.418	0.667
0.899	895.688	0.999	14.710
1/12/2017 10:00:00 AM	43200.000	60.946	16.846
140.722	1116.734	1322.732	0.667
0.899	895.468	0.999	14.705
1/12/2017 10:15:00 AM	44100.000	60.953	16.846
140.738	1116.031	1321.906	0.666
0.899	896.033	0.999	14.706
1/12/2017 10:30:00 AM	45000.000	60.951	16.846
140.733	1115.777	1321.604	0.666
0.899	896.236	0.999	14.706
1/12/2017 10:45:00 AM	45900.000	60.949	16.847
140.730	1116.140	1322.010	0.667
0.899	895.945	0.999	14.711
1/12/2017 11:00:00 AM	46800.000	60.955	16.847
140.744	1116.929	1322.934	0.667
0.900	895.312	0.999	14.705
1/12/2017 11:15:00 AM	47700.000	60.958	16.845
140.751	1115.757	1321.603	0.666
0.899	896.252	0.999	14.704
1/12/2017 11:30:00 AM	48600.000	60.942	16.847
140.712	1115.765	1321.569	0.666
0.899	896.246	0.999	14.712
1/12/2017 11:45:00 AM	49500.000	60.956	16.846
140.746	1117.627	1323.790	0.667
0.900	894.753	0.999	14.705
1/12/2017 12:00:00 PM	50400.000	60.956	16.844
140.747	1117.131	1323.272	0.667
0.900	895.150	0.999	14.703
1/12/2017 12:15:00 PM	51300.000	60.953	16.846
140.739	1116.183	1322.090	0.667
0.899	895.910	0.999	14.701
1/12/2017 12:30:00 PM	52200.000	60.958	16.847
140.750	1115.917	1321.750	0.666
0.899	896.124	0.999	14.701
1/12/2017 12:45:00 PM	53100.000	60.964	16.845
140.764	1115.440	1321.223	0.666
0.898	896.507	0.999	14.695
1/12/2017 1:00:00 PM	54000.000	60.962	16.847
140.759	1118.311	1324.563	0.668
0.901	894.206	0.999	14.697
1/12/2017 1:15:00 PM	54900.000	60.963	16.846
140.763	1117.468	1323.596	0.667
0.900	894.880	0.999	14.699
1/12/2017 1:30:00 PM	55800.000	60.966	16.846
140.768	1116.270	1322.190	0.667
0.899	895.840	0.999	14.694
1/12/2017 1:45:00 PM	56700.000	60.963	16.846
140.761	1117.808	1324.006	0.668
0.900	894.608	0.999	14.697
1/12/2017 2:00:00 PM	57600.000	60.962	16.846
140.759	1120.494	1327.201	0.669

0.902	892.464	0.999	14.699
1/12/2017 2:15:00 PM	58500.000	60.970	16.845
140.778	1117.869	1324.126	0.668
0.900	894.559	0.999	14.692
1/12/2017 2:30:00 PM	59400.000	60.966	16.846
140.768	1118.169	1324.439	0.668
0.901	894.319	0.999	14.698
1/12/2017 2:45:00 PM	60300.000	60.972	16.846
140.783	1115.842	1321.694	0.666
0.899	896.184	0.999	14.695
1/12/2017 3:00:00 PM	61200.000	60.970	16.846
140.778	1128.331	1336.463	0.674
0.909	886.265	0.999	14.701
1/12/2017 3:15:00 PM	62100.000	60.970	16.846
140.778	1122.542	1329.606	0.671
0.904	890.835	0.999	14.703
1/12/2017 3:30:00 PM	63000.000	60.977	16.845
140.793	1119.875	1326.494	0.669
0.902	892.957	0.999	14.701
1/12/2017 3:45:00 PM	63900.000	60.978	16.845
140.796	1118.802	1325.208	0.668
0.901	893.813	0.999	14.704
1/12/2017 4:00:00 PM	64800.000	60.976	16.845
140.792	1122.659	1329.778	0.671
0.904	890.743	0.999	14.707
1/12/2017 4:15:00 PM	65700.000	60.979	16.846
140.798	1122.078	1329.064	0.670
0.904	891.204	0.999	14.706
1/12/2017 4:30:00 PM	66600.000	60.972	16.846
140.782	1122.493	1329.571	0.671
0.904	890.875	0.999	14.710
1/12/2017 4:45:00 PM	67500.000	60.978	16.847
140.796	1123.027	1330.151	0.671
0.905	890.451	0.999	14.705
1/12/2017 5:00:00 PM	68400.000	60.982	16.848
140.806	1121.440	1328.250	0.670
0.903	891.711	0.999	14.706
1/12/2017 5:15:00 PM	69300.000	60.977	16.846
140.794	1121.518	1328.401	0.670
0.903	891.649	0.999	14.713
1/12/2017 5:30:00 PM	70200.000	60.992	16.845
140.828	1119.204	1325.694	0.668
0.901	893.492	0.999	14.701
1/12/2017 5:45:00 PM	71100.000	60.980	16.847
140.800	1122.740	1329.822	0.671
0.904	890.678	0.999	14.712
1/12/2017 6:00:00 PM	72000.000	60.993	16.845
140.831	1122.873	1330.046	0.671
0.904	890.572	0.999	14.705
1/12/2017 6:15:00 PM	72900.000	60.981	16.846
140.804	1123.779	1331.095	0.671
0.905	889.855	0.999	14.718
1/12/2017 6:30:00 PM	73800.000	60.993	16.844
140.831	1120.067	1326.745	0.669

0.902	892.804	0.999	14.710
1/12/2017 6:45:00 PM	74700.000	60.983	16.844
140.807	1120.030	1326.704	0.669
0.902	892.833	0.999	14.719
1/12/2017 7:00:00 PM	75600.000	60.983	16.846
140.807	1121.797	1328.736	0.670
0.904	891.427	0.999	14.725
1/12/2017 7:15:00 PM	76500.000	60.981	16.845
140.804	1120.655	1327.405	0.669
0.903	892.335	0.999	14.725
1/12/2017 7:30:00 PM	77400.000	60.990	16.844
140.825	1119.805	1326.429	0.669
0.902	893.013	0.999	14.726
1/12/2017 7:45:00 PM	78300.000	60.986	16.847
140.814	1120.709	1327.432	0.669
0.903	892.292	0.999	14.731
1/12/2017 8:00:00 PM	79200.000	60.980	16.846
140.801	1123.239	1330.431	0.671
0.905	890.282	0.999	14.735
1/12/2017 8:15:00 PM	80100.000	60.982	16.846
140.806	1123.573	1330.842	0.671
0.905	890.018	0.999	14.734
1/12/2017 8:30:00 PM	81000.000	60.980	16.845
140.800	1122.120	1329.140	0.670
0.904	891.171	0.999	14.740
1/12/2017 8:45:00 PM	81900.000	60.983	16.845
140.807	1120.240	1326.932	0.669
0.902	892.666	0.999	14.741
1/12/2017 9:00:00 PM	82800.000	60.991	16.845
140.827	1120.268	1326.942	0.669
0.902	892.643	0.999	14.733
1/12/2017 9:15:00 PM	83700.000	60.984	16.846
140.810	1119.768	1326.346	0.669
0.902	893.042	0.999	14.736
1/12/2017 9:30:00 PM	84600.000	60.983	16.845
140.808	1120.911	1327.716	0.670
0.903	892.132	0.999	14.744
1/12/2017 9:45:00 PM	85500.000	60.984	16.847
140.811	1122.361	1329.380	0.670
0.904	890.979	0.999	14.741
1/12/2017 10:00:00 PM	86400.000	60.985	16.846
140.813	1121.487	1328.364	0.670
0.903	891.674	0.999	14.740
1/12/2017 10:15:00 PM	87300.000	60.973	16.845
140.786	1121.336	1328.206	0.670
0.903	891.794	0.999	14.751
1/12/2017 10:30:00 PM	88200.000	60.976	16.845
140.792	1123.430	1330.687	0.671
0.905	890.131	0.999	14.749
1/12/2017 10:45:00 PM	89100.000	60.974	16.846
140.788	1120.378	1327.068	0.669
0.902	892.556	0.999	14.747
1/12/2017 11:00:00 PM	90000.000	60.969	16.846
140.776	1119.065	1325.496	0.668

0.901	893.603	0.999	14.754
1/12/2017 11:15:00 PM	90900.000	60.966	16.846
140.768	1117.401	1323.542	0.667
0.900	894.934	0.999	14.755
1/12/2017 11:30:00 PM	91800.000	60.965	16.846
140.767	1116.647	1322.639	0.667
0.899	895.538	0.999	14.752
1/12/2017 11:45:00 PM	92700.000	60.966	16.846
140.769	1114.019	1319.532	0.665
0.897	897.651	0.999	14.750
1/13/2017 12:00:00 AM	93600.000	60.963	16.846
140.762	1112.618	1317.869	0.664
0.896	898.781	0.999	14.752
1/13/2017 12:15:00 AM	94500.000	60.957	16.846
140.747	1113.290	1318.665	0.665
0.897	898.239	0.999	14.756
1/13/2017 12:30:00 AM	95400.000	60.960	16.847
140.756	1113.078	1318.375	0.665
0.896	898.409	0.999	14.751
1/13/2017 12:45:00 AM	96300.000	60.967	16.846
140.771	1112.383	1317.578	0.664
0.896	898.971	0.999	14.747
1/13/2017 1:00:00 AM	97200.000	60.955	16.846
140.743	1112.101	1317.263	0.664
0.896	899.199	0.999	14.754
1/13/2017 1:15:00 AM	98100.000	60.953	16.846
140.739	1112.220	1317.406	0.664
0.896	899.103	0.999	14.759
1/13/2017 1:30:00 AM	99000.000	60.958	16.846
140.750	1112.606	1317.839	0.664
0.896	898.791	0.999	14.753
1/13/2017 1:45:00 AM	99900.000	60.949	16.845
140.728	1113.527	1318.967	0.665
0.897	898.048	0.999	14.760
1/13/2017 2:00:00 AM	100800.000	60.951	16.847
140.733	1113.405	1318.765	0.665
0.897	898.146	0.999	14.762
1/13/2017 2:15:00 AM	101700.000	60.952	16.846
140.736	1113.356	1318.749	0.665
0.897	898.185	0.999	14.762
1/13/2017 2:30:00 AM	102600.000	60.958	16.846
140.750	1113.346	1318.737	0.665
0.897	898.193	0.999	14.755
1/13/2017 2:45:00 AM	103500.000	60.948	16.845
140.728	1113.868	1319.361	0.665
0.897	897.773	0.999	14.762
1/13/2017 3:00:00 AM	104400.000	60.944	16.846
140.717	1114.011	1319.517	0.665
0.897	897.657	0.999	14.771
1/13/2017 3:15:00 AM	105300.000	60.943	16.845
140.716	1114.659	1320.297	0.666
0.898	897.135	0.999	14.771
1/13/2017 3:30:00 AM	106200.000	60.947	16.845
140.724	1114.384	1319.972	0.665

0.898	897.356	0.999	14.767
1/13/2017 3:45:00 AM	107100.000	60.941	16.846
140.710	1114.652	1320.268	0.666
0.898	897.141	0.999	14.774
1/13/2017 4:00:00 AM	108000.000	60.944	16.845
140.718	1114.860	1320.547	0.666
0.898	896.973	0.999	14.773
1/13/2017 4:15:00 AM	108900.000	60.944	16.846
140.718	1115.353	1321.107	0.666
0.898	896.577	0.999	14.772
1/13/2017 4:30:00 AM	109800.000	60.945	16.846
140.721	1114.654	1320.281	0.666
0.898	897.140	0.999	14.770
1/13/2017 4:45:00 AM	110700.000	60.948	16.845
140.726	1113.990	1319.510	0.665
0.897	897.674	0.999	14.772
1/13/2017 5:00:00 AM	111600.000	60.947	16.845
140.724	1114.519	1320.137	0.666
0.898	897.248	0.999	14.776
1/13/2017 5:15:00 AM	112500.000	60.942	16.844
140.713	1115.193	1320.967	0.666
0.898	896.706	0.999	14.783
1/13/2017 5:30:00 AM	113400.000	60.950	16.846
140.732	1115.748	1321.585	0.666
0.899	896.260	0.999	14.778
1/13/2017 5:45:00 AM	114300.000	60.954	16.845
140.741	1115.504	1321.299	0.666
0.898	896.456	0.999	14.776
1/13/2017 6:00:00 AM	115200.000	60.951	16.846
140.734	1116.463	1322.421	0.667
0.899	895.686	0.999	14.784
1/13/2017 6:15:00 AM	116100.000	60.959	16.846
140.753	1116.588	1322.564	0.667
0.899	895.585	0.999	14.777
1/13/2017 6:30:00 AM	117000.000	60.955	16.845
140.743	1115.741	1321.584	0.666
0.899	896.266	0.999	14.780
1/13/2017 6:45:00 AM	117900.000	60.949	16.845
140.728	1116.044	1321.954	0.667
0.899	896.022	0.999	14.788
1/13/2017 7:00:00 AM	118800.000	60.951	16.844
140.734	1114.736	1320.423	0.666
0.898	897.073	0.999	14.789
1/13/2017 7:15:00 AM	119700.000	60.951	16.845
140.733	1114.378	1319.970	0.665
0.898	897.362	0.999	14.789
1/13/2017 7:30:00 AM	120600.000	60.951	16.846
140.735	1114.376	1319.957	0.665
0.898	897.363	0.999	14.791
1/13/2017 7:45:00 AM	121500.000	60.953	16.846
140.738	1115.663	1321.479	0.666
0.899	896.328	0.999	14.798
1/13/2017 8:00:00 AM	122400.000	60.955	16.846
140.744	1117.022	1323.073	0.667

0.900	895.238	0.999	14.793
1/13/2017 8:15:00 AM	123300.000	60.953	16.846
140.739	1118.273	1324.575	0.668
0.901	894.236	0.999	14.798
1/13/2017 8:30:00 AM	124200.000	60.970	16.846
140.777	1116.872	1322.902	0.667
0.900	895.358	0.999	14.803
1/13/2017 8:45:00 AM	125100.000	60.951	16.846
140.735	1117.473	1323.620	0.667
0.900	894.876	0.999	14.805
1/13/2017 9:00:00 AM	126000.000	60.953	16.845
140.739	1116.688	1322.704	0.667
0.899	895.505	0.999	14.806
1/13/2017 9:15:00 AM	126900.000	60.946	16.845
140.723	1117.699	1323.919	0.668
0.900	894.696	0.999	14.815
1/13/2017 9:30:00 AM	127800.000	60.952	16.845
140.737	1118.170	1324.466	0.668
0.901	894.319	0.999	14.812
1/13/2017 9:45:00 AM	128700.000	60.949	16.846
140.730	1119.238	1325.713	0.668
0.901	893.465	0.999	14.816
1/13/2017 10:00:00 AM	129600.000	60.948	16.845
140.726	1117.927	1324.187	0.668
0.900	894.513	0.999	14.818
1/13/2017 10:15:00 AM	130500.000	60.947	16.845
140.725	1118.903	1325.338	0.668
0.901	893.733	0.999	14.821
1/13/2017 10:30:00 AM	131400.000	60.949	16.845
140.729	1118.313	1324.639	0.668
0.901	894.204	0.999	14.826
1/13/2017 10:45:00 AM	132300.000	60.947	16.844
140.726	1118.051	1324.365	0.668
0.901	894.413	0.999	14.824
1/13/2017 11:00:00 AM	133200.000	60.948	16.845
140.728	1116.669	1322.691	0.667
0.899	895.521	0.999	14.822
1/13/2017 11:15:00 AM	134100.000	60.949	16.844
140.730	1117.888	1324.170	0.668
0.900	894.544	0.999	14.825
1/13/2017 11:30:00 AM	135000.000	60.952	16.844
140.737	1118.849	1325.302	0.668
0.901	893.776	0.999	14.817
1/13/2017 11:45:00 AM	135900.000	60.953	16.844
140.739	1118.214	1324.540	0.668
0.901	894.283	0.999	14.815
1/13/2017 12:00:00 PM	136800.000	60.948	16.846
140.727	1120.589	1327.318	0.669
0.903	892.388	0.999	14.816
1/13/2017 12:15:00 PM	137700.000	60.947	16.845
140.725	1119.858	1326.463	0.669
0.902	892.971	0.999	14.814
1/13/2017 12:30:00 PM	138600.000	60.955	16.844
140.744	1118.322	1324.675	0.668

0.901	894.197	0.999	14.801
1/13/2017 12:45:00 PM	139500.000	60.952	16.843
140.737	1117.235	1323.414	0.667
0.900	895.067	0.999	14.804
1/13/2017 1:00:00 PM	140400.000	60.952	16.846
140.737	1118.062	1324.321	0.668
0.901	894.405	0.999	14.804
1/13/2017 1:15:00 PM	141300.000	60.951	16.845
140.735	1117.951	1324.202	0.668
0.900	894.494	0.999	14.802
1/13/2017 1:30:00 PM	142200.000	60.956	16.845
140.746	1118.268	1324.594	0.668
0.901	894.240	0.999	14.802
1/13/2017 1:45:00 PM	143100.000	60.952	16.845
140.736	1116.893	1322.959	0.667
0.900	895.341	0.999	14.805
1/13/2017 2:00:00 PM	144000.000	60.955	16.845
140.744	1117.802	1324.026	0.668
0.900	894.612	0.999	14.799
1/13/2017 2:15:00 PM	144900.000	60.957	16.845
140.748	1119.298	1325.819	0.669
0.902	893.417	0.999	14.807
1/13/2017 2:30:00 PM	145800.000	60.957	16.844
140.748	1119.734	1326.366	0.669
0.902	893.070	0.999	14.807
1/13/2017 2:45:00 PM	146700.000	60.956	16.846
140.745	1121.151	1327.974	0.670
0.903	891.940	0.999	14.808
1/13/2017 3:00:00 PM	147600.000	60.959	16.846
140.753	1120.981	1327.781	0.670
0.903	892.076	0.999	14.808
1/13/2017 3:15:00 PM	148500.000	60.961	16.844
140.757	1117.814	1324.063	0.668
0.900	894.603	0.999	14.809
1/13/2017 3:30:00 PM	149400.000	60.965	16.844
140.767	1119.369	1325.914	0.669
0.902	893.360	0.999	14.805
1/13/2017 3:45:00 PM	150300.000	60.958	16.845
140.751	1120.405	1327.127	0.669
0.902	892.534	0.999	14.813
1/13/2017 4:00:00 PM	151200.000	60.965	16.845
140.767	1121.336	1328.233	0.670
0.903	891.793	0.999	14.802
1/13/2017 4:15:00 PM	152100.000	60.975	16.845
140.789	1118.977	1325.430	0.668
0.901	893.674	0.999	14.797
1/13/2017 4:30:00 PM	153000.000	60.964	16.846
140.763	1119.868	1326.449	0.669
0.902	892.963	0.999	14.804
1/13/2017 4:45:00 PM	153900.000	60.968	16.845
140.774	1119.279	1325.773	0.669
0.902	893.432	0.999	14.801
1/13/2017 5:00:00 PM	154800.000	60.962	16.846
140.760	1121.414	1328.296	0.670

0.903	891.731	0.999	14.803
1/13/2017 5:15:00 PM	155700.000	60.973	16.845
140.784	1117.788	1324.022	0.668
0.900	894.624	0.999	14.795
1/13/2017 5:30:00 PM	156600.000	60.969	16.845
140.776	1118.904	1325.350	0.668
0.901	893.732	0.999	14.801
1/13/2017 5:45:00 PM	157500.000	60.965	16.845
140.767	1120.863	1327.649	0.670
0.903	892.170	0.999	14.809
1/13/2017 6:00:00 PM	158400.000	60.968	16.844
140.774	1120.223	1326.917	0.669
0.902	892.679	0.999	14.807
1/13/2017 6:15:00 PM	159300.000	60.964	16.844
140.765	1118.011	1324.302	0.668
0.901	894.446	0.999	14.808
1/13/2017 6:30:00 PM	160200.000	60.974	16.845
140.786	1119.262	1325.762	0.669
0.902	893.446	0.999	14.801
1/13/2017 6:45:00 PM	161100.000	60.977	16.844
140.795	1119.413	1325.974	0.669
0.902	893.325	0.999	14.799
1/13/2017 7:00:00 PM	162000.000	60.965	16.845
140.766	1119.943	1326.565	0.669
0.902	892.902	0.999	14.812
1/13/2017 7:15:00 PM	162900.000	60.985	16.846
140.812	1121.968	1328.950	0.670
0.904	891.291	0.999	14.811
1/13/2017 7:30:00 PM	163800.000	60.974	16.846
140.788	1122.234	1329.267	0.670
0.904	891.080	0.999	14.806
1/13/2017 7:45:00 PM	164700.000	60.972	16.845
140.783	1123.031	1330.215	0.671
0.905	890.447	0.999	14.811
1/13/2017 8:00:00 PM	165600.000	60.967	16.846
140.771	1121.335	1328.195	0.670
0.903	891.794	0.999	14.817
1/13/2017 8:15:00 PM	166500.000	60.977	16.844
140.794	1122.180	1329.234	0.670
0.904	891.123	0.999	14.810
1/13/2017 8:30:00 PM	167400.000	60.974	16.844
140.787	1122.591	1329.724	0.671
0.904	890.797	0.999	14.819
1/13/2017 8:45:00 PM	168300.000	60.971	16.845
140.780	1120.905	1327.714	0.670
0.903	892.136	0.999	14.824
1/13/2017 9:00:00 PM	169200.000	60.966	16.845
140.769	1120.764	1327.536	0.669
0.903	892.249	0.999	14.830
1/13/2017 9:15:00 PM	170100.000	60.966	16.846
140.768	1123.264	1330.482	0.671
0.905	890.263	0.999	14.833
1/13/2017 9:30:00 PM	171000.000	60.970	16.844
140.779	1122.481	1329.600	0.671

0.904	890.883	0.999	14.830
1/13/2017 9:45:00 PM	171900.000	60.965	16.844
140.766	1122.479	1329.618	0.671
0.904	890.885	0.999	14.834
1/13/2017 10:00:00 PM	172800.000	60.961	16.844
140.758	1122.443	1329.563	0.671
0.904	890.914	0.999	14.836
1/13/2017 10:15:00 PM	173700.000	60.967	16.842
140.771	1122.327	1329.470	0.670
0.904	891.006	0.999	14.831
1/13/2017 10:30:00 PM	174600.000	60.963	16.844
140.761	1122.240	1329.311	0.670
0.904	891.075	0.999	14.836
1/13/2017 10:45:00 PM	175500.000	60.961	16.845
140.758	1120.709	1327.482	0.669
0.903	892.292	0.999	14.835
1/13/2017 11:00:00 PM	176400.000	60.964	16.844
140.763	1116.718	1322.784	0.667
0.899	895.481	0.999	14.832
1/13/2017 11:15:00 PM	177300.000	60.962	16.846
140.759	1115.899	1321.763	0.666
0.899	896.139	0.999	14.833
1/13/2017 11:30:00 PM	178200.000	60.953	16.846
140.740	1114.300	1319.870	0.665
0.898	897.424	0.999	14.836
1/13/2017 11:45:00 PM	179100.000	60.952	16.845
140.737	1111.947	1317.090	0.664
0.896	899.324	0.999	14.833
1/14/2017 12:00:00 AM	180000.000	60.954	16.845
140.741	1111.506	1316.579	0.664
0.895	899.680	0.999	14.828
1/14/2017 12:15:00 AM	180900.000	60.950	16.846
140.731	1110.791	1315.706	0.663
0.895	900.259	0.999	14.831
1/14/2017 12:30:00 AM	181800.000	60.947	16.846
140.725	1109.741	1314.464	0.663
0.894	901.111	0.999	14.834
1/14/2017 12:45:00 AM	182700.000	60.949	16.846
140.729	1109.824	1314.558	0.663
0.894	901.044	0.999	14.829
1/14/2017 1:00:00 AM	183600.000	60.940	16.846
140.710	1109.784	1314.503	0.663
0.894	901.076	0.999	14.834
1/14/2017 1:15:00 AM	184500.000	60.945	16.845
140.719	1110.425	1315.283	0.663
0.894	900.556	0.999	14.830
1/14/2017 1:30:00 AM	185400.000	60.943	16.846
140.716	1111.285	1316.293	0.664
0.895	899.859	0.999	14.824
1/14/2017 1:45:00 AM	186300.000	60.935	16.845
140.697	1111.424	1316.479	0.664
0.895	899.747	0.999	14.831
1/14/2017 2:00:00 AM	187200.000	60.932	16.845
140.691	1111.473	1316.524	0.664

0.895	899.707	0.999	14.830
1/14/2017 2:15:00 AM	188100.000	60.934	16.845
140.695	1112.308	1317.538	0.664
0.896	899.032	0.999	14.828
1/14/2017 2:30:00 AM	189000.000	60.933	16.846
140.693	1112.818	1318.115	0.664
0.896	898.619	0.999	14.828
1/14/2017 2:45:00 AM	189900.000	60.929	16.846
140.683	1112.310	1317.494	0.664
0.896	899.030	0.999	14.832
1/14/2017 3:00:00 AM	190800.000	60.926	16.845
140.677	1112.456	1317.691	0.664
0.896	898.912	0.999	14.830
1/14/2017 3:15:00 AM	191700.000	60.919	16.846
140.661	1112.311	1317.490	0.664
0.896	899.029	0.999	14.839
1/14/2017 3:30:00 AM	192600.000	60.930	16.845
140.686	1112.178	1317.370	0.664
0.896	899.136	0.999	14.825
1/14/2017 3:45:00 AM	193500.000	60.926	16.845
140.677	1112.335	1317.553	0.664
0.896	899.009	0.999	14.829
1/14/2017 4:00:00 AM	194400.000	60.924	16.843
140.671	1113.041	1318.446	0.665
0.897	898.440	0.999	14.828
1/14/2017 4:15:00 AM	195300.000	60.924	16.844
140.671	1113.272	1318.702	0.665
0.897	898.253	0.999	14.832
1/14/2017 4:30:00 AM	196200.000	60.917	16.843
140.657	1113.171	1318.605	0.665
0.897	898.335	0.999	14.840
1/14/2017 4:45:00 AM	197100.000	60.926	16.844
140.677	1113.565	1319.049	0.665
0.897	898.017	0.999	14.829
1/14/2017 5:00:00 AM	198000.000	60.921	16.845
140.664	1114.047	1319.578	0.665
0.897	897.628	0.999	14.837
1/14/2017 5:15:00 AM	198900.000	60.933	16.845
140.693	1114.361	1319.953	0.665
0.898	897.375	0.999	14.824
1/14/2017 5:30:00 AM	199800.000	60.918	16.844
140.658	1114.587	1320.249	0.666
0.898	897.193	0.999	14.838
1/14/2017 5:45:00 AM	200700.000	60.931	16.846
140.688	1114.821	1320.482	0.666
0.898	897.005	0.999	14.825
1/14/2017 6:00:00 AM	201600.000	60.933	16.845
140.692	1114.404	1320.006	0.665
0.898	897.341	0.999	14.827
1/14/2017 6:15:00 AM	202500.000	60.935	16.845
140.697	1113.737	1319.218	0.665
0.897	897.878	0.999	14.826
1/14/2017 6:30:00 AM	203400.000	60.934	16.846
140.695	1113.443	1318.852	0.665

0.897	898.115	0.999	14.827
1/14/2017 6:45:00 AM	204300.000	60.939	16.845
140.707	1113.536	1318.970	0.665
0.897	898.040	0.999	14.822
1/14/2017 7:00:00 AM	205200.000	60.931	16.845
140.688	1115.336	1321.118	0.666
0.898	896.591	0.999	14.832
1/14/2017 7:15:00 AM	206100.000	60.934	16.844
140.696	1113.632	1319.123	0.665
0.897	897.963	0.999	14.830
1/14/2017 7:30:00 AM	207000.000	60.932	16.845
140.691	1113.750	1319.234	0.665
0.897	897.868	0.999	14.829
1/14/2017 7:45:00 AM	207900.000	60.936	16.844
140.698	1113.643	1319.146	0.665
0.897	897.954	0.999	14.827
1/14/2017 8:00:00 AM	208800.000	60.934	16.844
140.695	1115.518	1321.358	0.666
0.899	896.444	0.999	14.829
1/14/2017 8:15:00 AM	209700.000	60.939	16.844
140.705	1113.504	1318.982	0.665
0.897	898.066	0.999	14.826
1/14/2017 8:30:00 AM	210600.000	60.931	16.844
140.688	1114.209	1319.803	0.665
0.897	897.498	0.999	14.832
1/14/2017 8:45:00 AM	211500.000	60.926	16.845
140.676	1114.416	1320.033	0.666
0.898	897.331	0.999	14.835
1/14/2017 9:00:00 AM	212400.000	60.919	16.844
140.659	1114.433	1320.058	0.666
0.898	897.317	0.999	14.838
1/14/2017 9:15:00 AM	213300.000	60.919	16.845
140.660	1114.175	1319.724	0.665
0.897	897.525	0.999	14.838
1/14/2017 9:30:00 AM	214200.000	60.912	16.845
140.644	1113.903	1319.426	0.665
0.897	897.744	0.999	14.843
1/14/2017 9:45:00 AM	215100.000	60.905	16.846
140.628	1113.228	1318.582	0.665
0.897	898.289	0.999	14.843
1/14/2017 10:00:00 AM	216000.000	60.904	16.846
140.626	1112.943	1318.257	0.665
0.896	898.519	0.999	14.844
1/14/2017 10:15:00 AM	216900.000	60.909	16.844
140.638	1113.515	1319.000	0.665
0.897	898.057	0.999	14.834
1/14/2017 10:30:00 AM	217800.000	60.910	16.846
140.639	1113.979	1319.484	0.665
0.897	897.683	0.999	14.833
1/14/2017 10:45:00 AM	218700.000	60.907	16.846
140.632	1114.295	1319.845	0.665
0.897	897.429	0.999	14.831
1/14/2017 11:00:00 AM	219600.000	60.909	16.844
140.636	1113.692	1319.191	0.665

0.897	897.914	0.999	14.828
1/14/2017 11:15:00 AM	220500.000	60.905	16.845
140.628	1113.516	1318.956	0.665
0.897	898.057	0.999	14.828
1/14/2017 11:30:00 AM	221400.000	60.906	16.845
140.630	1113.763	1319.237	0.665
0.897	897.857	0.999	14.827
1/14/2017 11:45:00 AM	222300.000	60.918	16.845
140.658	1113.880	1319.380	0.665
0.897	897.763	0.999	14.814
1/14/2017 12:00:00 PM	223200.000	60.910	16.846
140.640	1113.831	1319.313	0.665
0.897	897.803	0.999	14.818
1/14/2017 12:15:00 PM	224100.000	60.916	16.845
140.652	1113.786	1319.284	0.665
0.897	897.839	0.999	14.811
1/14/2017 12:30:00 PM	225000.000	60.915	16.846
140.651	1113.660	1319.098	0.665
0.897	897.940	0.999	14.810
1/14/2017 12:45:00 PM	225900.000	60.914	16.846
140.649	1113.509	1318.932	0.665
0.897	898.062	0.999	14.803
1/14/2017 1:00:00 PM	226800.000	60.917	16.845
140.656	1113.508	1318.943	0.665
0.897	898.062	0.999	14.801
1/14/2017 1:15:00 PM	227700.000	60.924	16.845
140.671	1113.747	1319.231	0.665
0.897	897.870	0.999	14.793
1/14/2017 1:30:00 PM	228600.000	60.919	16.845
140.661	1113.494	1318.933	0.665
0.897	898.074	0.999	14.794
1/14/2017 1:45:00 PM	229500.000	60.927	16.844
140.678	1113.649	1319.138	0.665
0.897	897.949	0.999	14.792
1/14/2017 2:00:00 PM	230400.000	60.925	16.844
140.673	1113.654	1319.136	0.665
0.897	897.945	0.999	14.795
1/14/2017 2:15:00 PM	231300.000	60.925	16.845
140.675	1114.458	1320.075	0.666
0.898	897.297	0.999	14.794
1/14/2017 2:30:00 PM	232200.000	60.924	16.844
140.671	1114.295	1319.922	0.665
0.898	897.428	0.999	14.799
1/14/2017 2:45:00 PM	233100.000	60.921	16.844
140.664	1113.562	1319.037	0.665
0.897	898.019	0.999	14.801
1/14/2017 3:00:00 PM	234000.000	60.921	16.844
140.666	1113.446	1318.889	0.665
0.897	898.113	0.999	14.793
1/14/2017 3:15:00 PM	234900.000	60.925	16.845
140.674	1113.058	1318.409	0.665
0.897	898.426	0.999	14.785
1/14/2017 3:30:00 PM	235800.000	60.918	16.846
140.657	1113.801	1319.273	0.665

0.897	897.827	0.999	14.794
1/14/2017 3:45:00 PM	236700.000	60.915	16.845
140.651	1113.343	1318.741	0.665
0.897	898.196	0.999	14.794
1/14/2017 4:00:00 PM	237600.000	60.911	16.847
140.641	1113.840	1319.290	0.665
0.897	897.795	0.999	14.797
1/14/2017 4:15:00 PM	238500.000	60.910	16.847
140.639	1113.413	1318.791	0.665
0.897	898.139	0.999	14.796
1/14/2017 4:30:00 PM	239400.000	60.902	16.845
140.620	1113.096	1318.467	0.665
0.897	898.395	0.999	14.805
1/14/2017 4:45:00 PM	240300.000	60.909	16.845
140.638	1113.712	1319.194	0.665
0.897	897.898	0.999	14.800
1/14/2017 5:00:00 PM	241200.000	60.905	16.845
140.628	1113.295	1318.692	0.665
0.897	898.235	0.999	14.804
1/14/2017 5:15:00 PM	242100.000	60.917	16.845
140.656	1113.708	1319.192	0.665
0.897	897.901	0.999	14.794
1/14/2017 5:30:00 PM	243000.000	60.912	16.845
140.644	1113.998	1319.539	0.665
0.897	897.667	0.999	14.795
1/14/2017 5:45:00 PM	243900.000	60.915	16.845
140.651	1113.900	1319.412	0.665
0.897	897.747	0.999	14.791
1/14/2017 6:00:00 PM	244800.000	60.910	16.845
140.639	1113.532	1318.980	0.665
0.897	898.044	0.999	14.797
1/14/2017 6:15:00 PM	245700.000	60.920	16.844
140.662	1113.314	1318.738	0.665
0.897	898.219	0.999	14.801
1/14/2017 6:30:00 PM	246600.000	60.910	16.844
140.640	1114.075	1319.645	0.665
0.897	897.606	0.999	14.795
1/14/2017 6:45:00 PM	247500.000	60.910	16.846
140.639	1113.724	1319.174	0.665
0.897	897.889	0.999	14.800
1/14/2017 7:00:00 PM	248400.000	60.916	16.845
140.652	1113.347	1318.749	0.665
0.897	898.192	0.999	14.791
1/14/2017 7:15:00 PM	249300.000	60.911	16.845
140.642	1113.642	1319.116	0.665
0.897	897.955	0.999	14.793
1/14/2017 7:30:00 PM	250200.000	60.909	16.844
140.636	1113.623	1319.107	0.665
0.897	897.970	0.999	14.796
1/14/2017 7:45:00 PM	251100.000	60.907	16.845
140.632	1113.346	1318.753	0.665
0.897	898.193	0.999	14.792
1/14/2017 8:00:00 PM	252000.000	60.909	16.845
140.638	1112.779	1318.086	0.664

0.896	898.651	0.999	14.793
1/14/2017 8:15:00 PM	252900.000	60.897	16.844
140.609	1113.169	1318.567	0.665
0.897	898.336	0.999	14.805
1/14/2017 8:30:00 PM	253800.000	60.909	16.844
140.638	1113.455	1318.900	0.665
0.897	898.105	0.999	14.792
1/14/2017 8:45:00 PM	254700.000	60.903	16.844
140.623	1113.203	1318.602	0.665
0.897	898.309	0.999	14.797
1/14/2017 9:00:00 PM	255600.000	60.912	16.846
140.644	1113.434	1318.833	0.665
0.897	898.122	0.999	14.791
1/14/2017 9:15:00 PM	256500.000	60.899	16.845
140.614	1112.810	1318.108	0.664
0.896	898.626	0.999	14.800
1/14/2017 9:30:00 PM	257400.000	60.906	16.844
140.630	1113.054	1318.443	0.665
0.897	898.429	0.999	14.793
1/14/2017 9:45:00 PM	258300.000	60.908	16.844
140.635	1112.970	1318.326	0.665
0.896	898.497	0.999	14.794
1/14/2017 10:00:00 PM	259200.000	60.910	16.846
140.640	1114.042	1319.556	0.665
0.897	897.633	0.999	14.792
1/14/2017 10:15:00 PM	260100.000	60.907	16.845
140.633	1113.240	1318.640	0.665
0.897	898.279	0.999	14.792
1/14/2017 10:30:00 PM	261000.000	60.911	16.844
140.643	1113.806	1319.319	0.665
0.897	897.822	0.999	14.794
1/14/2017 10:45:00 PM	261900.000	60.905	16.845
140.627	1114.524	1320.164	0.666
0.898	897.244	0.999	14.797
1/14/2017 11:00:00 PM	262800.000	60.914	16.845
140.649	1114.323	1319.902	0.665
0.898	897.406	0.999	14.791
1/14/2017 11:15:00 PM	263700.000	60.908	16.844
140.635	1114.112	1319.697	0.665
0.897	897.576	0.999	14.795
1/14/2017 11:30:00 PM	264600.000	60.900	16.843
140.617	1114.039	1319.623	0.665
0.897	897.635	0.999	14.796
1/14/2017 11:45:00 PM	265500.000	60.894	16.845
140.603	1113.983	1319.512	0.665
0.897	897.680	0.999	14.802
1/15/2017 12:00:00 AM	266400.000	60.902	16.845
140.620	1114.028	1319.561	0.665
0.897	897.643	0.999	14.797
1/15/2017 12:15:00 AM	267300.000	60.897	16.844
140.609	1113.463	1318.930	0.665
0.897	898.099	0.999	14.799
1/15/2017 12:30:00 AM	268200.000	60.902	16.845
140.621	1113.597	1319.042	0.665

0.897	897.991	0.999	14.796
1/15/2017 12:45:00 AM	269100.000	60.905	16.845
140.627	1113.672	1319.149	0.665
0.897	897.931	0.999	14.790
1/15/2017 1:00:00 AM	270000.000	60.892	16.845
140.599	1113.605	1319.075	0.665
0.897	897.985	0.999	14.793
1/15/2017 1:15:00 AM	270900.000	60.892	16.845
140.599	1113.927	1319.449	0.665
0.897	897.725	0.999	14.794
1/15/2017 1:30:00 AM	271800.000	60.903	16.844
140.624	1113.847	1319.364	0.665
0.897	897.790	0.999	14.786
1/15/2017 1:45:00 AM	272700.000	60.917	16.845
140.656	1114.138	1319.707	0.665
0.897	897.555	0.999	14.793
1/15/2017 2:00:00 AM	273600.000	60.896	16.845
140.606	1114.163	1319.734	0.665
0.897	897.534	0.999	14.794
1/15/2017 2:15:00 AM	274500.000	60.906	16.845
140.630	1114.176	1319.730	0.665
0.897	897.524	0.999	14.786
1/15/2017 2:30:00 AM	275400.000	60.896	16.844
140.607	1113.929	1319.467	0.665
0.897	897.723	0.999	14.796
1/15/2017 2:45:00 AM	276300.000	60.894	16.844
140.602	1114.276	1319.890	0.665
0.898	897.444	0.999	14.800
1/15/2017 3:00:00 AM	277200.000	60.901	16.845
140.618	1114.026	1319.573	0.665
0.897	897.645	0.999	14.793
1/15/2017 3:15:00 AM	278100.000	60.897	16.845
140.610	1114.581	1320.220	0.666
0.898	897.198	0.999	14.798
1/15/2017 3:30:00 AM	279000.000	60.902	16.846
140.621	1114.053	1319.563	0.665
0.897	897.624	0.999	14.794
1/15/2017 3:45:00 AM	279900.000	60.905	16.844
140.627	1113.547	1319.015	0.665
0.897	898.031	0.999	14.792
1/15/2017 4:00:00 AM	280800.000	60.905	16.845
140.627	1113.102	1318.469	0.665
0.897	898.390	0.999	14.798
1/15/2017 4:15:00 AM	281700.000	60.907	16.844
140.631	1113.661	1319.149	0.665
0.897	897.940	0.999	14.798
1/15/2017 4:30:00 AM	282600.000	60.917	16.845
140.655	1114.601	1320.242	0.666
0.898	897.182	0.999	14.788
1/15/2017 4:45:00 AM	283500.000	60.913	16.845
140.646	1115.800	1321.675	0.666
0.899	896.218	0.999	14.791
1/15/2017 5:00:00 AM	284400.000	60.918	16.844
140.658	1114.155	1319.752	0.665

0.897	897.541	0.999	14.787
1/15/2017 5:15:00 AM	285300.000	60.908	16.844
140.634	1114.870	1320.595	0.666
0.898	896.965	0.999	14.792
1/15/2017 5:30:00 AM	286200.000	60.920	16.844
140.663	1115.357	1321.156	0.666
0.898	896.574	0.999	14.790
1/15/2017 5:45:00 AM	287100.000	60.916	16.844
140.653	1113.698	1319.196	0.665
0.897	897.909	0.999	14.792
1/15/2017 6:00:00 AM	288000.000	60.922	16.844
140.667	1113.628	1319.110	0.665
0.897	897.966	0.999	14.786
1/15/2017 6:15:00 AM	288900.000	60.915	16.844
140.651	1115.343	1321.165	0.666
0.898	896.585	0.999	14.793
1/15/2017 6:30:00 AM	289800.000	60.920	16.841
140.662	1114.991	1320.813	0.666
0.898	896.869	0.999	14.792
1/15/2017 6:45:00 AM	290700.000	60.927	16.844
140.678	1116.760	1322.830	0.667
0.900	895.448	0.999	14.786
1/15/2017 7:00:00 AM	291600.000	60.927	16.845
140.679	1116.802	1322.847	0.667
0.900	895.414	0.999	14.789
1/15/2017 7:15:00 AM	292500.000	60.927	16.844
140.679	1115.331	1321.140	0.666
0.898	896.595	0.999	14.789
1/15/2017 7:30:00 AM	293400.000	60.933	16.844
140.692	1115.031	1320.782	0.666
0.898	896.836	0.999	14.787
1/15/2017 7:45:00 AM	294300.000	60.933	16.844
140.693	1113.210	1318.613	0.665
0.897	898.303	0.999	14.786
1/15/2017 8:00:00 AM	295200.000	60.929	16.844
140.682	1114.453	1320.105	0.666
0.898	897.301	0.999	14.793
1/15/2017 8:15:00 AM	296100.000	60.931	16.843
140.688	1113.419	1318.902	0.665
0.897	898.134	0.999	14.792
1/15/2017 8:30:00 AM	297000.000	60.933	16.845
140.691	1112.597	1317.881	0.664
0.896	898.798	0.999	14.794
1/15/2017 8:45:00 AM	297900.000	60.930	16.845
140.685	1112.951	1318.283	0.665
0.896	898.512	0.999	14.799
1/15/2017 9:00:00 AM	298800.000	60.920	16.844
140.663	1111.673	1316.819	0.664
0.895	899.545	0.999	14.803
1/15/2017 9:15:00 AM	299700.000	60.930	16.844
140.686	1113.263	1318.678	0.665
0.897	898.260	0.999	14.804
1/15/2017 9:30:00 AM	300600.000	60.928	16.845
140.682	1112.525	1317.791	0.664

0.896	898.856	0.999	14.803
1/15/2017 9:45:00 AM	301500.000	60.926	16.847
140.677	1112.708	1317.955	0.664
0.896	898.709	0.999	14.806
1/15/2017 10:00:00 AM	302400.000	60.930	16.845
140.685	1112.655	1317.937	0.664
0.896	898.751	0.999	14.806
1/15/2017 10:15:00 AM	303300.000	60.922	16.844
140.667	1112.860	1318.211	0.665
0.896	898.586	0.999	14.812
1/15/2017 10:30:00 AM	304200.000	60.921	16.845
140.664	1113.968	1319.503	0.665
0.897	897.692	0.999	14.814
1/15/2017 10:45:00 AM	305100.000	60.927	16.845
140.679	1113.754	1319.236	0.665
0.897	897.865	0.999	14.811
1/15/2017 11:00:00 AM	306000.000	60.923	16.844
140.669	1113.676	1319.185	0.665
0.897	897.927	0.999	14.809
1/15/2017 11:15:00 AM	306900.000	60.927	16.844
140.678	1114.742	1320.435	0.666
0.898	897.068	0.999	14.803
1/15/2017 11:30:00 AM	307800.000	60.929	16.843
140.682	1114.406	1320.073	0.666
0.898	897.339	0.999	14.803
1/15/2017 11:45:00 AM	308700.000	60.934	16.844
140.694	1114.732	1320.418	0.666
0.898	897.077	0.999	14.799
1/15/2017 12:00:00 PM	309600.000	60.937	16.844
140.701	1115.379	1321.197	0.666
0.898	896.556	0.999	14.793
1/15/2017 12:15:00 PM	310500.000	60.952	16.845
140.737	1115.503	1321.299	0.666
0.898	896.457	0.999	14.792
1/15/2017 12:30:00 PM	311400.000	60.944	16.845
140.718	1114.487	1320.115	0.666
0.898	897.274	0.999	14.782
1/15/2017 12:45:00 PM	312300.000	60.940	16.844
140.708	1115.080	1320.828	0.666
0.898	896.796	0.999	14.778
1/15/2017 1:00:00 PM	313200.000	60.943	16.844
140.716	1114.317	1319.945	0.665
0.898	897.410	0.999	14.773
1/15/2017 1:15:00 PM	314100.000	60.948	16.843
140.728	1114.292	1319.931	0.665
0.898	897.431	0.999	14.769
1/15/2017 1:30:00 PM	315000.000	60.938	16.844
140.705	1113.860	1319.391	0.665
0.897	897.779	0.999	14.779
1/15/2017 1:45:00 PM	315900.000	60.947	16.845
140.725	1115.279	1321.047	0.666
0.898	896.637	0.999	14.769
1/15/2017 2:00:00 PM	316800.000	60.948	16.843
140.726	1115.449	1321.312	0.666

0.898	896.500	0.999	14.770
1/15/2017 2:15:00 PM	317700.000	60.943	16.844
140.715	1115.082	1320.843	0.666
0.898	896.795	0.999	14.778
1/15/2017 2:30:00 PM	318600.000	60.943	16.844
140.715	1116.443	1322.443	0.667
0.899	895.701	0.999	14.780
1/15/2017 2:45:00 PM	319500.000	60.955	16.843
140.742	1116.046	1322.013	0.667
0.899	896.021	0.999	14.774
1/15/2017 3:00:00 PM	320400.000	60.959	16.843
140.752	1117.121	1323.274	0.667
0.900	895.158	0.999	14.770
1/15/2017 3:15:00 PM	321300.000	60.954	16.843
140.742	1115.184	1320.980	0.666
0.898	896.713	0.999	14.774
1/15/2017 3:30:00 PM	322200.000	60.951	16.844
140.735	1116.008	1321.929	0.667
0.899	896.051	0.999	14.777
1/15/2017 3:45:00 PM	323100.000	60.957	16.844
140.748	1114.596	1320.251	0.666
0.898	897.186	0.999	14.773
1/15/2017 4:00:00 PM	324000.000	60.959	16.843
140.753	1114.754	1320.485	0.666
0.898	897.059	0.999	14.776
1/15/2017 4:15:00 PM	324900.000	60.954	16.843
140.740	1116.340	1322.357	0.667
0.899	895.784	0.999	14.781
1/15/2017 4:30:00 PM	325800.000	60.964	16.843
140.765	1116.840	1322.963	0.667
0.900	895.383	0.999	14.772
1/15/2017 4:45:00 PM	326700.000	60.959	16.845
140.753	1117.635	1323.846	0.668
0.900	894.747	0.999	14.779
1/15/2017 5:00:00 PM	327600.000	60.968	16.844
140.774	1116.210	1322.182	0.667
0.899	895.889	0.999	14.776
1/15/2017 5:15:00 PM	328500.000	60.971	16.844
140.781	1117.420	1323.617	0.667
0.900	894.919	0.999	14.772
1/15/2017 5:30:00 PM	329400.000	60.959	16.844
140.753	1117.279	1323.446	0.667
0.900	895.031	0.999	14.784
1/15/2017 5:45:00 PM	330300.000	60.965	16.843
140.767	1115.221	1321.047	0.666
0.898	896.683	0.999	14.778
1/15/2017 6:00:00 PM	331200.000	60.964	16.845
140.763	1116.137	1322.075	0.667
0.899	895.947	0.999	14.779
1/15/2017 6:15:00 PM	332100.000	60.969	16.844
140.775	1113.331	1318.777	0.665
0.897	898.205	0.999	14.773
1/15/2017 6:30:00 PM	333000.000	60.959	16.844
140.752	1112.073	1317.269	0.664

0.896	899.221	0.999	14.781
1/15/2017 6:45:00 PM	333900.000	60.964	16.844
140.765	1110.994	1315.995	0.663
0.895	900.095	0.999	14.780
1/15/2017 7:00:00 PM	334800.000	60.956	16.845
140.745	1111.398	1316.440	0.664
0.895	899.768	0.999	14.790
1/15/2017 7:15:00 PM	335700.000	60.960	16.845
140.756	1110.620	1315.537	0.663
0.895	900.398	0.999	14.784
1/15/2017 7:30:00 PM	336600.000	60.963	16.845
140.763	1110.729	1315.658	0.663
0.895	900.310	0.999	14.786
1/15/2017 7:45:00 PM	337500.000	60.957	16.845
140.748	1110.438	1315.302	0.663
0.894	900.546	0.999	14.787
1/15/2017 8:00:00 PM	338400.000	60.949	16.843
140.729	1110.481	1315.417	0.663
0.894	900.510	0.999	14.794
1/15/2017 8:15:00 PM	339300.000	60.958	16.845
140.750	1111.224	1316.239	0.664
0.895	899.909	0.999	14.786
1/15/2017 8:30:00 PM	340200.000	60.951	16.845
140.734	1111.294	1316.327	0.664
0.895	899.852	0.999	14.790
1/15/2017 8:45:00 PM	341100.000	60.953	16.845
140.739	1110.792	1315.733	0.663
0.895	900.258	0.999	14.792
1/15/2017 9:00:00 PM	342000.000	60.951	16.844
140.734	1110.664	1315.623	0.663
0.895	900.362	0.999	14.792
1/15/2017 9:15:00 PM	342900.000	60.947	16.845
140.724	1110.910	1315.864	0.663
0.895	900.163	0.999	14.795
1/15/2017 9:30:00 PM	343800.000	60.953	16.844
140.739	1110.498	1315.418	0.663
0.894	900.497	0.999	14.792
1/15/2017 9:45:00 PM	344700.000	60.952	16.845
140.737	1112.051	1317.222	0.664
0.896	899.239	0.999	14.792
1/15/2017 10:00:00 PM	345600.000	60.954	16.845
140.742	1112.670	1317.962	0.664
0.896	898.739	0.999	14.790
1/15/2017 10:15:00 PM	346500.000	60.953	16.842
140.738	1111.806	1317.020	0.664
0.896	899.437	0.999	14.792
1/15/2017 10:30:00 PM	347400.000	60.950	16.845
140.731	1111.771	1316.894	0.664
0.895	899.466	0.999	14.798
1/15/2017 10:45:00 PM	348300.000	60.946	16.844
140.722	1111.272	1316.332	0.664
0.895	899.870	0.999	14.800
1/15/2017 11:00:00 PM	349200.000	60.947	16.844
140.724	1110.941	1315.935	0.663

0.895	900.138	0.999	14.801
1/15/2017 11:15:00 PM	350100.000	60.952	16.843
140.735	1112.162	1317.407	0.664
0.896	899.150	0.999	14.796
1/15/2017 11:30:00 PM	351000.000	60.938	16.845
140.704	1112.637	1317.926	0.664
0.896	898.766	0.999	14.811
1/15/2017 11:45:00 PM	351900.000	60.946	16.845
140.721	1112.672	1317.950	0.664
0.896	898.737	0.999	14.800
1/16/2017 12:00:00 AM	352800.000	60.947	16.845
140.726	1112.460	1317.701	0.664
0.896	898.908	0.999	14.797
1/16/2017 12:15:00 AM	353700.000	60.944	16.844
140.717	1112.150	1317.370	0.664
0.896	899.159	0.999	14.797
1/16/2017 12:30:00 AM	354600.000	60.943	16.844
140.716	1112.033	1317.234	0.664
0.896	899.254	0.999	14.794
1/16/2017 12:45:00 AM	355500.000	60.938	16.844
140.705	1113.054	1318.428	0.665
0.897	898.429	0.999	14.793
1/16/2017 1:00:00 AM	356400.000	60.937	16.844
140.702	1113.240	1318.661	0.665
0.897	898.279	0.999	14.792
1/16/2017 1:15:00 AM	357300.000	60.937	16.843
140.703	1112.891	1318.287	0.665
0.896	898.561	0.999	14.791
1/16/2017 1:30:00 AM	358200.000	60.940	16.843
140.708	1112.823	1318.183	0.665
0.896	898.615	0.999	14.789
1/16/2017 1:45:00 AM	359100.000	60.938	16.844
140.703	1113.208	1318.636	0.665
0.897	898.305	0.999	14.788
1/16/2017 2:00:00 AM	360000.000	60.935	16.844
140.698	1113.153	1318.560	0.665
0.897	898.349	0.999	14.788
1/16/2017 2:15:00 AM	360900.000	60.944	16.845
140.718	1113.627	1319.080	0.665
0.897	897.967	0.999	14.782
1/16/2017 2:30:00 AM	361800.000	60.948	16.844
140.728	1113.200	1318.601	0.665
0.897	898.311	0.999	14.775
1/16/2017 2:45:00 AM	362700.000	60.946	16.844
140.723	1112.507	1317.795	0.664
0.896	898.871	0.999	14.779
1/16/2017 3:00:00 AM	363600.000	60.949	16.844
140.728	1112.704	1318.011	0.664
0.896	898.711	0.999	14.779
1/16/2017 3:15:00 AM	364500.000	60.951	16.844
140.734	1113.575	1319.042	0.665
0.897	898.009	0.999	14.784
1/16/2017 3:30:00 AM	365400.000	60.941	16.844
140.712	1112.767	1318.104	0.664

0.896	898.660	0.999	14.789
1/16/2017 3:45:00 AM	366300.000	60.945	16.843
140.721	1112.195	1317.442	0.664
0.896	899.123	0.999	14.785
1/16/2017 4:00:00 AM	367200.000	60.948	16.844
140.727	1112.703	1318.017	0.664
0.896	898.713	0.999	14.788
1/16/2017 4:15:00 AM	368100.000	60.953	16.843
140.738	1112.911	1318.286	0.665
0.896	898.545	0.999	14.782
1/16/2017 4:30:00 AM	369000.000	60.952	16.843
140.735	1113.855	1319.406	0.665
0.897	897.783	0.999	14.784
1/16/2017 4:45:00 AM	369900.000	60.952	16.843
140.737	1113.292	1318.744	0.665
0.897	898.237	0.999	14.785
1/16/2017 5:00:00 AM	370800.000	60.953	16.844
140.738	1113.214	1318.633	0.665
0.897	898.300	0.999	14.780
1/16/2017 5:15:00 AM	371700.000	60.950	16.844
140.731	1112.625	1317.931	0.664
0.896	898.775	0.999	14.793
1/16/2017 5:30:00 AM	372600.000	60.956	16.844
140.745	1113.017	1318.389	0.665
0.897	898.459	0.999	14.792
1/16/2017 5:45:00 AM	373500.000	60.956	16.844
140.745	1111.768	1316.905	0.664
0.895	899.468	0.999	14.796
1/16/2017 6:00:00 AM	374400.000	60.957	16.844
140.747	1111.036	1316.064	0.663
0.895	900.060	0.999	14.795
1/16/2017 6:15:00 AM	375300.000	60.964	16.844
140.764	1111.825	1316.970	0.664
0.896	899.422	0.999	14.792
1/16/2017 6:30:00 AM	376200.000	60.961	16.843
140.758	1111.137	1316.188	0.663
0.895	899.979	0.999	14.793
1/16/2017 6:45:00 AM	377100.000	60.958	16.843
140.750	1112.285	1317.561	0.664
0.896	899.051	0.999	14.798
1/16/2017 7:00:00 AM	378000.000	60.974	16.843
140.787	1111.849	1317.042	0.664
0.896	899.403	0.999	14.789
1/16/2017 7:15:00 AM	378900.000	60.956	16.844
140.747	1112.583	1317.877	0.664
0.896	898.810	0.999	14.802
1/16/2017 7:30:00 AM	379800.000	60.965	16.843
140.767	1111.608	1316.770	0.664
0.895	899.598	0.999	14.797
1/16/2017 7:45:00 AM	380700.000	60.964	16.843
140.764	1113.243	1318.685	0.665
0.897	898.277	0.999	14.800
1/16/2017 8:00:00 AM	381600.000	60.970	16.845
140.778	1112.648	1317.931	0.664

0.896	898.757	0.999	14.792
1/16/2017 8:15:00 AM	382500.000	60.965	16.843
140.767	1111.119	1316.175	0.663
0.895	899.993	0.999	14.803
1/16/2017 8:30:00 AM	383400.000	60.959	16.844
140.753	1111.093	1316.131	0.663
0.895	900.015	0.999	14.808
1/16/2017 8:45:00 AM	384300.000	60.959	16.844
140.752	1111.911	1317.098	0.664
0.896	899.353	0.999	14.805
1/16/2017 9:00:00 AM	385200.000	60.953	16.845
140.740	1111.351	1316.406	0.664
0.895	899.806	0.999	14.808
1/16/2017 9:15:00 AM	386100.000	60.949	16.844
140.729	1111.630	1316.752	0.664
0.895	899.580	0.999	14.809
1/16/2017 9:30:00 AM	387000.000	60.954	16.845
140.741	1110.190	1315.026	0.663
0.894	900.746	0.999	14.801
1/16/2017 9:45:00 AM	387900.000	60.950	16.844
140.731	1110.313	1315.196	0.663
0.894	900.647	0.999	14.807
1/16/2017 10:00:00 AM	388800.000	60.947	16.845
140.724	1111.654	1316.741	0.664
0.895	899.560	0.999	14.812
1/16/2017 10:15:00 AM	389700.000	60.949	16.844
140.729	1112.311	1317.553	0.664
0.896	899.029	0.999	14.809
1/16/2017 10:30:00 AM	390600.000	60.956	16.844
140.746	1111.875	1317.055	0.664
0.896	899.382	0.999	14.815
1/16/2017 10:45:00 AM	391500.000	60.938	16.843
140.704	1112.050	1317.283	0.664
0.896	899.240	0.999	14.811
1/16/2017 11:00:00 AM	392400.000	60.936	16.844
140.699	1111.840	1317.001	0.664
0.896	899.410	0.999	14.809
1/16/2017 11:15:00 AM	393300.000	60.936	16.844
140.699	1112.841	1318.175	0.665
0.896	898.601	0.999	14.809
1/16/2017 11:30:00 AM	394200.000	60.932	16.844
140.690	1113.233	1318.655	0.665
0.897	898.285	0.999	14.811
1/16/2017 11:45:00 AM	395100.000	60.936	16.844
140.700	1112.636	1317.941	0.664
0.896	898.766	0.999	14.806
1/16/2017 12:00:00 PM	396000.000	60.943	16.844
140.716	1112.791	1318.137	0.665
0.896	898.641	0.999	14.795
1/16/2017 12:15:00 PM	396900.000	60.944	16.843
140.719	1112.882	1318.276	0.665
0.896	898.568	0.999	14.792
1/16/2017 12:30:00 PM	397800.000	60.946	16.843
140.723	1113.563	1319.075	0.665

0.897	898.018	0.999	14.790
1/16/2017 12:45:00 PM	398700.000	60.945	16.844
140.720	1114.045	1319.604	0.665
0.897	897.630	0.999	14.788
1/16/2017 1:00:00 PM	399600.000	60.943	16.844
140.715	1112.475	1317.755	0.664
0.896	898.897	0.999	14.786
1/16/2017 1:15:00 PM	400500.000	60.953	16.844
140.739	1112.709	1318.027	0.664
0.896	898.707	0.999	14.779
1/16/2017 1:30:00 PM	401400.000	60.954	16.843
140.740	1113.170	1318.596	0.665
0.897	898.336	0.999	14.778
1/16/2017 1:45:00 PM	402300.000	60.954	16.843
140.741	1113.226	1318.660	0.665
0.897	898.290	0.999	14.777
1/16/2017 2:00:00 PM	403200.000	60.964	16.843
140.763	1113.246	1318.687	0.665
0.897	898.274	0.999	14.770
1/16/2017 2:15:00 PM	404100.000	60.960	16.844
140.754	1113.376	1318.835	0.665
0.897	898.169	0.999	14.773
1/16/2017 2:30:00 PM	405000.000	60.959	16.844
140.752	1114.519	1320.190	0.666
0.898	897.248	0.999	14.775
1/16/2017 2:45:00 PM	405900.000	60.962	16.843
140.759	1114.068	1319.677	0.665
0.897	897.611	0.999	14.775
1/16/2017 3:00:00 PM	406800.000	60.967	16.842
140.772	1112.703	1318.069	0.664
0.896	898.713	0.999	14.770
1/16/2017 3:15:00 PM	407700.000	60.964	16.844
140.764	1114.169	1319.767	0.665
0.897	897.530	0.999	14.771
1/16/2017 3:30:00 PM	408600.000	60.969	16.843
140.775	1113.036	1318.443	0.665
0.897	898.444	0.999	14.769
1/16/2017 3:45:00 PM	409500.000	60.968	16.842
140.773	1113.098	1318.538	0.665
0.897	898.393	0.999	14.771
1/16/2017 4:00:00 PM	410400.000	60.972	16.842
140.783	1113.010	1318.436	0.665
0.897	898.465	0.999	14.769
1/16/2017 4:15:00 PM	411300.000	60.967	16.843
140.771	1112.661	1318.002	0.664
0.896	898.746	0.999	14.771
1/16/2017 4:30:00 PM	412200.000	60.960	16.842
140.754	1113.436	1318.938	0.665
0.897	898.120	0.999	14.775
1/16/2017 4:45:00 PM	413100.000	60.960	16.843
140.755	1113.815	1319.358	0.665
0.897	897.815	0.999	14.770
1/16/2017 5:00:00 PM	414000.000	60.970	16.843
140.777	1115.996	1321.954	0.667

0.899	896.061	0.999	14.765
1/16/2017 5:15:00 PM	414900.000	60.965	16.843
140.765	1114.146	1319.776	0.665
0.897	897.548	0.999	14.772
1/16/2017 5:30:00 PM	415800.000	60.967	16.842
140.770	1112.073	1317.323	0.664
0.896	899.222	0.999	14.770
1/16/2017 5:45:00 PM	416700.000	60.965	16.844
140.767	1113.407	1318.856	0.665
0.897	898.144	0.999	14.776
1/16/2017 6:00:00 PM	417600.000	60.962	16.844
140.760	1113.134	1318.548	0.665
0.897	898.365	0.999	14.775
1/16/2017 6:15:00 PM	418500.000	60.967	16.843
140.771	1113.310	1318.775	0.665
0.897	898.223	0.999	14.770
1/16/2017 6:30:00 PM	419400.000	60.969	16.843
140.776	1112.655	1317.992	0.664
0.896	898.751	0.999	14.769
1/16/2017 6:45:00 PM	420300.000	60.965	16.843
140.767	1112.305	1317.590	0.664
0.896	899.034	0.999	14.771
1/16/2017 7:00:00 PM	421200.000	60.968	16.843
140.772	1112.074	1317.322	0.664
0.896	899.221	0.999	14.769
1/16/2017 7:15:00 PM	422100.000	60.968	16.844
140.773	1111.893	1317.076	0.664
0.896	899.367	0.999	14.771
1/16/2017 7:30:00 PM	423000.000	60.967	16.843
140.770	1110.428	1315.357	0.663
0.894	900.553	0.999	14.775
1/16/2017 7:45:00 PM	423900.000	60.968	16.843
140.773	1111.056	1316.108	0.663
0.895	900.045	0.999	14.770
1/16/2017 8:00:00 PM	424800.000	60.968	16.842
140.774	1111.328	1316.446	0.664
0.895	899.824	0.999	14.771
1/16/2017 8:15:00 PM	425700.000	60.966	16.843
140.768	1112.337	1317.623	0.664
0.896	899.008	0.999	14.773
1/16/2017 8:30:00 PM	426600.000	60.962	16.843
140.758	1110.963	1316.006	0.663
0.895	900.120	0.999	14.779
1/16/2017 8:45:00 PM	427500.000	60.955	16.844
140.743	1112.162	1317.395	0.664
0.896	899.149	0.999	14.784
1/16/2017 9:00:00 PM	428400.000	60.951	16.842
140.734	1110.777	1315.814	0.663
0.895	900.271	0.999	14.790
1/16/2017 9:15:00 PM	429300.000	60.960	16.843
140.754	1112.900	1318.279	0.665
0.896	898.554	0.999	14.786
1/16/2017 9:30:00 PM	430200.000	60.962	16.843
140.759	1112.516	1317.835	0.664

0.896	898.863	0.999	14.778
1/16/2017 9:45:00 PM	431100.000	60.952	16.844
140.737	1113.197	1318.621	0.665
0.897	898.314	0.999	14.784
1/16/2017 10:00:00 PM	432000.000	60.953	16.843
140.739	1111.894	1317.086	0.664
0.896	899.366	0.999	14.785
1/16/2017 10:15:00 PM	432900.000	60.958	16.843
140.751	1111.166	1316.223	0.664
0.895	899.955	0.999	14.779
1/16/2017 10:30:00 PM	433800.000	60.958	16.844
140.750	1111.277	1316.349	0.664
0.895	899.866	0.999	14.779
1/16/2017 10:45:00 PM	434700.000	60.954	16.843
140.740	1111.797	1316.978	0.664
0.896	899.445	0.999	14.784
1/16/2017 11:00:00 PM	435600.000	60.949	16.844
140.730	1112.979	1318.357	0.665
0.896	898.490	0.999	14.785
1/16/2017 11:15:00 PM	436500.000	60.957	16.843
140.749	1112.237	1317.513	0.664
0.896	899.089	0.999	14.780
1/16/2017 11:30:00 PM	437400.000	60.961	16.843
140.756	1110.217	1315.096	0.663
0.894	900.725	0.999	14.774
1/16/2017 11:45:00 PM	438300.000	60.956	16.844
140.747	1108.578	1313.141	0.662
0.893	902.057	0.999	14.776
1/17/2017 12:00:00 AM	439200.000	60.954	16.844
140.740	1109.013	1313.659	0.662
0.893	901.703	0.999	14.778
1/17/2017 12:15:00 AM	440100.000	60.957	16.845
140.748	1109.297	1313.957	0.662
0.893	901.471	0.999	14.775
1/17/2017 12:30:00 AM	441000.000	60.947	16.844
140.724	1108.752	1313.358	0.662
0.893	901.915	0.999	14.776
1/17/2017 12:45:00 AM	441900.000	60.951	16.844
140.735	1108.370	1312.900	0.662
0.893	902.226	0.999	14.775
1/17/2017 1:00:00 AM	442800.000	60.943	16.844
140.716	1109.212	1313.903	0.662
0.893	901.541	0.999	14.780
1/17/2017 1:15:00 AM	443700.000	60.947	16.843
140.725	1109.495	1314.262	0.662
0.894	901.311	0.999	14.774
1/17/2017 1:30:00 AM	444600.000	60.949	16.843
140.729	1109.952	1314.798	0.663
0.894	900.940	0.999	14.775
1/17/2017 1:45:00 AM	445500.000	60.938	16.843
140.705	1110.185	1315.069	0.663
0.894	900.751	0.999	14.782
1/17/2017 2:00:00 AM	446400.000	60.947	16.843
140.725	1110.325	1315.245	0.663

0.894	900.637	0.999	14.780
1/17/2017 2:15:00 AM	447300.000	60.943	16.843
140.715	1110.383	1315.309	0.663
0.894	900.590	0.999	14.775
1/17/2017 2:30:00 AM	448200.000	60.942	16.843
140.714	1110.064	1314.934	0.663
0.894	900.849	0.999	14.775
1/17/2017 2:45:00 AM	449100.000	60.960	16.842
140.755	1109.782	1314.638	0.663
0.894	901.078	0.999	14.772
1/17/2017 3:00:00 AM	450000.000	60.934	16.843
140.694	1110.286	1315.180	0.663
0.894	900.669	0.999	14.777
1/17/2017 3:15:00 AM	450900.000	60.933	16.842
140.693	1110.726	1315.728	0.663
0.895	900.312	0.999	14.777
1/17/2017 3:30:00 AM	451800.000	60.942	16.843
140.714	1111.563	1316.701	0.664
0.895	899.634	0.999	14.767
1/17/2017 3:45:00 AM	452700.000	60.935	16.842
140.697	1112.503	1317.836	0.664
0.896	898.874	0.999	14.776
1/17/2017 4:00:00 AM	453600.000	60.940	16.844
140.708	1112.622	1317.939	0.664
0.896	898.778	0.999	14.775
1/17/2017 4:15:00 AM	454500.000	60.954	16.842
140.741	1112.690	1318.076	0.664
0.896	898.723	0.999	14.778
1/17/2017 4:30:00 AM	455400.000	60.937	16.842
140.702	1112.755	1318.134	0.665
0.896	898.671	0.999	14.773
1/17/2017 4:45:00 AM	456300.000	60.939	16.841
140.706	1112.492	1317.851	0.664
0.896	898.883	0.999	14.774
1/17/2017 5:00:00 AM	457200.000	60.932	16.841
140.690	1113.652	1319.246	0.665
0.897	897.947	0.999	14.784
1/17/2017 5:15:00 AM	458100.000	60.946	16.843
140.723	1113.070	1318.478	0.665
0.897	898.416	0.999	14.770
1/17/2017 5:30:00 AM	459000.000	60.938	16.843
140.703	1113.147	1318.590	0.665
0.897	898.354	0.999	14.775
1/17/2017 5:45:00 AM	459900.000	60.937	16.843
140.702	1111.293	1316.373	0.664
0.895	899.853	0.999	14.773
1/17/2017 6:00:00 AM	460800.000	60.941	16.844
140.710	1111.481	1316.565	0.664
0.895	899.701	0.999	14.772
1/17/2017 6:15:00 AM	461700.000	60.939	16.842
140.705	1111.082	1316.170	0.663
0.895	900.024	0.999	14.773
1/17/2017 6:30:00 AM	462600.000	60.942	16.844
140.712	1111.406	1316.494	0.664

0.895	899.761	0.999	14.773
1/17/2017 6:45:00 AM	463500.000	60.942	16.843
140.713	1111.672	1316.828	0.664
0.895	899.546	0.999	14.775
1/17/2017 7:00:00 AM	464400.000	60.940	16.842
140.709	1112.035	1317.283	0.664
0.896	899.252	0.999	14.773
1/17/2017 7:15:00 AM	465300.000	60.933	16.843
140.693	1111.629	1316.792	0.664
0.895	899.581	0.999	14.781
1/17/2017 7:30:00 AM	466200.000	60.942	16.843
140.712	1111.760	1316.948	0.664
0.896	899.474	0.999	14.775
1/17/2017 7:45:00 AM	467100.000	60.940	16.843
140.708	1111.726	1316.884	0.664
0.895	899.502	0.999	14.780
1/17/2017 8:00:00 AM	468000.000	60.952	16.842
140.737	1111.554	1316.708	0.664
0.895	899.641	0.999	14.769
1/17/2017 8:15:00 AM	468900.000	60.946	16.844
140.723	1111.305	1316.379	0.664
0.895	899.843	0.999	14.767
1/17/2017 8:30:00 AM	469800.000	60.947	16.844
140.724	1110.641	1315.596	0.663
0.895	900.381	0.999	14.749
1/17/2017 8:45:00 AM	470700.000	60.940	16.844
140.707	1110.862	1315.834	0.663
0.895	900.202	0.999	14.756
1/17/2017 9:00:00 AM	471600.000	60.917	16.843
140.656	1110.761	1315.743	0.663
0.895	900.284	0.999	14.770
1/17/2017 9:15:00 AM	472500.000	60.918	16.844
140.658	1111.192	1316.235	0.664
0.895	899.935	0.999	14.774
1/17/2017 9:30:00 AM	473400.000	60.900	16.843
140.616	1111.871	1317.065	0.664
0.896	899.385	0.999	14.795
1/17/2017 9:45:00 AM	474300.000	60.889	16.844
140.591	1112.264	1317.502	0.664
0.896	899.067	0.999	14.802
1/17/2017 10:00:00 AM	475200.000	60.886	16.842
140.584	1112.576	1317.928	0.664
0.896	898.815	0.999	14.801
1/17/2017 10:15:00 AM	476100.000	60.868	16.843
140.542	1112.082	1317.329	0.664
0.896	899.214	0.999	14.811
1/17/2017 10:30:00 AM	477000.000	60.861	16.841
140.525	1111.569	1316.757	0.664
0.895	899.629	0.999	14.806
1/17/2017 10:45:00 AM	477900.000	60.853	16.844
140.508	1111.968	1317.161	0.664
0.896	899.307	0.999	14.797
1/17/2017 11:00:00 AM	478800.000	60.847	16.841
140.493	1112.020	1317.305	0.664

0.896	899.265	0.999	14.797
1/17/2017 11:15:00 AM	479700.000	60.842	16.842
140.482	1113.121	1318.590	0.665
0.897	898.375	0.999	14.790
1/17/2017 11:30:00 AM	480600.000	60.836	16.840
140.467	1112.505	1317.914	0.664
0.896	898.872	0.999	14.792
1/17/2017 11:45:00 AM	481500.000	60.830	16.838
140.454	1112.730	1318.232	0.665
0.896	898.691	0.999	14.792
1/17/2017 12:00:00 PM	482400.000	60.824	16.843
140.440	1113.124	1318.547	0.665
0.897	898.373	0.999	14.787
1/17/2017 12:15:00 PM	483300.000	60.820	16.843
140.431	1112.905	1318.292	0.665
0.896	898.550	0.999	14.788
1/17/2017 12:30:00 PM	484200.000	60.821	16.843
140.433	1113.171	1318.621	0.665
0.897	898.335	0.999	14.778
1/17/2017 12:45:00 PM	485100.000	60.815	16.843
140.420	1112.997	1318.409	0.665
0.897	898.475	0.999	14.778
1/17/2017 1:00:00 PM	486000.000	60.812	16.843
140.414	1112.811	1318.195	0.665
0.896	898.625	0.999	14.778
1/17/2017 1:15:00 PM	486900.000	60.820	16.843
140.431	1113.179	1318.608	0.665
0.897	898.328	0.999	14.769
1/17/2017 1:30:00 PM	487800.000	60.818	16.844
140.427	1113.114	1318.515	0.665
0.897	898.380	0.999	14.768
1/17/2017 1:45:00 PM	488700.000	60.817	16.844
140.425	1113.166	1318.576	0.665
0.897	898.339	0.999	14.768
1/17/2017 2:00:00 PM	489600.000	60.818	16.841
140.426	1113.280	1318.784	0.665
0.897	898.247	0.999	14.774
1/17/2017 2:15:00 PM	490500.000	60.822	16.843
140.436	1113.411	1318.882	0.665
0.897	898.141	0.999	14.774
1/17/2017 2:30:00 PM	491400.000	60.824	16.841
140.441	1113.086	1318.560	0.665
0.897	898.404	0.999	14.770
1/17/2017 2:45:00 PM	492300.000	60.829	16.843
140.452	1112.770	1318.139	0.665
0.896	898.658	0.999	14.774
1/17/2017 3:00:00 PM	493200.000	60.836	16.843
140.469	1112.768	1318.120	0.664
0.896	898.660	0.999	14.772
1/17/2017 3:15:00 PM	494100.000	60.836	16.842
140.468	1112.909	1318.325	0.665
0.896	898.546	0.999	14.779
1/17/2017 3:30:00 PM	495000.000	60.842	16.843
140.482	1112.393	1317.684	0.664

0.896	898.963	0.999	14.772
1/17/2017 3:45:00 PM	495900.000	60.847	16.843
140.493	1112.839	1318.204	0.665
0.896	898.603	0.999	14.771
1/17/2017 4:00:00 PM	496800.000	60.852	16.844
140.505	1112.353	1317.613	0.664
0.896	898.995	0.999	14.775
1/17/2017 4:15:00 PM	497700.000	60.843	16.843
140.484	1111.438	1316.550	0.664
0.895	899.735	0.999	14.786
1/17/2017 4:30:00 PM	498600.000	60.844	16.842
140.488	1113.314	1318.808	0.665
0.897	898.219	0.999	14.790
1/17/2017 4:45:00 PM	499500.000	60.860	16.844
140.524	1113.817	1319.355	0.665
0.897	897.814	0.999	14.780
1/17/2017 5:00:00 PM	500400.000	60.852	16.842
140.505	1113.656	1319.201	0.665
0.897	897.943	0.999	14.789
1/17/2017 5:15:00 PM	501300.000	60.851	16.843
140.504	1113.593	1319.111	0.665
0.897	897.994	0.999	14.794
1/17/2017 5:30:00 PM	502200.000	60.858	16.842
140.520	1113.512	1319.044	0.665
0.897	898.059	0.999	14.794
1/17/2017 5:45:00 PM	503100.000	60.859	16.843
140.522	1112.856	1318.237	0.665
0.896	898.589	0.999	14.791
1/17/2017 6:00:00 PM	504000.000	60.862	16.844
140.528	1112.166	1317.378	0.664
0.896	899.147	0.999	14.790
1/17/2017 6:15:00 PM	504900.000	60.854	16.844
140.511	1112.781	1318.128	0.665
0.896	898.649	0.999	14.800
1/17/2017 6:30:00 PM	505800.000	60.858	16.843
140.518	1112.706	1318.068	0.664
0.896	898.710	0.999	14.796
1/17/2017 6:45:00 PM	506700.000	60.861	16.844
140.526	1112.115	1317.342	0.664
0.896	899.187	0.999	14.796
1/17/2017 7:00:00 PM	507600.000	60.862	16.843
140.529	1112.541	1317.856	0.664
0.896	898.844	0.999	14.797
1/17/2017 7:15:00 PM	508500.000	60.863	16.841
140.532	1111.898	1317.155	0.664
0.896	899.363	0.999	14.794
1/17/2017 7:30:00 PM	509400.000	60.859	16.844
140.521	1111.465	1316.572	0.664
0.895	899.713	0.999	14.798
1/17/2017 7:45:00 PM	510300.000	60.863	16.843
140.531	1111.525	1316.645	0.664
0.895	899.665	0.999	14.801
1/17/2017 8:00:00 PM	511200.000	60.865	16.842
140.534	1112.456	1317.780	0.664

0.896	898.912	0.999	14.802
1/17/2017 8:15:00 PM	512100.000	60.866	16.843
140.538	1112.567	1317.891	0.664
0.896	898.822	0.999	14.805
1/17/2017 8:30:00 PM	513000.000	60.872	16.844
140.552	1112.522	1317.821	0.664
0.896	898.859	0.999	14.805
1/17/2017 8:45:00 PM	513900.000	60.873	16.844
140.553	1112.345	1317.604	0.664
0.896	899.001	0.999	14.806
1/17/2017 9:00:00 PM	514800.000	60.878	16.843
140.565	1112.646	1318.000	0.664
0.896	898.758	0.999	14.802
1/17/2017 9:15:00 PM	515700.000	60.880	16.843
140.570	1111.323	1316.419	0.664
0.895	899.828	0.999	14.795
1/17/2017 9:30:00 PM	516600.000	60.881	16.844
140.572	1111.715	1316.868	0.664
0.895	899.511	0.999	14.794
1/17/2017 9:45:00 PM	517500.000	60.889	16.842
140.590	1111.753	1316.954	0.664
0.896	899.481	0.999	14.790
1/17/2017 10:00:00 PM	518400.000	60.883	16.843
140.577	1113.001	1318.420	0.665
0.897	898.472	0.999	14.790
1/17/2017 10:15:00 PM	519300.000	60.894	16.843
140.602	1113.542	1319.048	0.665
0.897	898.035	0.999	14.788
1/17/2017 10:30:00 PM	520200.000	60.887	16.843
140.586	1112.655	1317.986	0.664
0.896	898.752	0.999	14.795
1/17/2017 10:45:00 PM	521100.000	60.888	16.844
140.588	1112.002	1317.205	0.664
0.896	899.279	0.999	14.794
1/17/2017 11:00:00 PM	522000.000	60.900	16.843
140.616	1110.781	1315.784	0.663
0.895	900.268	0.999	14.787
1/17/2017 11:15:00 PM	522900.000	60.890	16.843
140.593	1110.255	1315.160	0.663
0.894	900.694	0.999	14.797
1/17/2017 11:30:00 PM	523800.000	60.887	16.842
140.586	1110.752	1315.779	0.663
0.895	900.291	0.999	14.792
1/17/2017 11:45:00 PM	524700.000	60.895	16.843
140.606	1110.938	1315.971	0.663
0.895	900.140	0.999	14.790
1/18/2017 12:00:00 AM	525600.000	60.899	16.842
140.613	1110.700	1315.725	0.663
0.895	900.333	0.999	14.777
1/18/2017 12:15:00 AM	526500.000	60.894	16.840
140.602	1110.846	1315.930	0.663
0.895	900.215	0.999	14.783
1/18/2017 12:30:00 AM	527400.000	60.897	16.843
140.609	1112.476	1317.793	0.664

0.896	898.896	0.999	14.775
1/18/2017 12:45:00 AM	528300.000	60.895	16.843
140.604	1112.614	1317.951	0.664
0.896	898.784	0.999	14.779
1/18/2017 1:00:00 AM	529200.000	60.896	16.842
140.607	1111.672	1316.863	0.664
0.895	899.546	0.999	14.775
1/18/2017 1:15:00 AM	530100.000	60.895	16.842
140.605	1112.175	1317.457	0.664
0.896	899.139	0.999	14.775
1/18/2017 1:30:00 AM	531000.000	60.895	16.842
140.604	1112.207	1317.490	0.664
0.896	899.113	0.999	14.784
1/18/2017 1:45:00 AM	531900.000	60.887	16.842
140.587	1111.980	1317.216	0.664
0.896	899.297	0.999	14.792
1/18/2017 2:00:00 AM	532800.000	60.897	16.840
140.609	1111.553	1316.783	0.664
0.895	899.642	0.999	14.784
1/18/2017 2:15:00 AM	533700.000	60.891	16.843
140.595	1111.763	1316.946	0.664
0.896	899.472	0.999	14.788
1/18/2017 2:30:00 AM	534600.000	60.894	16.843
140.601	1111.849	1317.034	0.664
0.896	899.403	0.999	14.791
1/18/2017 2:45:00 AM	535500.000	60.894	16.841
140.602	1111.965	1317.232	0.664
0.896	899.309	0.999	14.789
1/18/2017 3:00:00 AM	536400.000	60.895	16.842
140.604	1112.816	1318.212	0.665
0.896	898.621	0.999	14.782
1/18/2017 3:15:00 AM	537300.000	60.891	16.840
140.596	1112.994	1318.474	0.665
0.897	898.478	0.999	14.783
1/18/2017 3:30:00 AM	538200.000	60.896	16.839
140.608	1112.698	1318.155	0.665
0.896	898.717	0.999	14.785
1/18/2017 3:45:00 AM	539100.000	60.895	16.842
140.605	1113.069	1318.506	0.665
0.897	898.417	0.999	14.783
1/18/2017 4:00:00 AM	540000.000	60.906	16.843
140.631	1113.522	1319.027	0.665
0.897	898.051	0.999	14.777
1/18/2017 4:15:00 AM	540900.000	60.903	16.844
140.623	1113.771	1319.298	0.665
0.897	897.850	0.999	14.785
1/18/2017 4:30:00 AM	541800.000	60.902	16.842
140.620	1112.842	1318.253	0.665
0.896	898.600	0.999	14.784
1/18/2017 4:45:00 AM	542700.000	60.904	16.842
140.625	1112.869	1318.284	0.665
0.896	898.579	0.999	14.786
1/18/2017 5:00:00 AM	543600.000	60.909	16.841
140.637	1113.440	1318.987	0.665

0.897	898.117	0.999	14.785
1/18/2017 5:15:00 AM	544500.000	60.906	16.841
140.630	1112.677	1318.094	0.664
0.896	898.733	0.999	14.779
1/18/2017 5:30:00 AM	545400.000	60.913	16.841
140.647	1112.006	1317.281	0.664
0.896	899.275	0.999	14.778
1/18/2017 5:45:00 AM	546300.000	60.922	16.842
140.667	1111.722	1316.916	0.664
0.896	899.505	0.999	14.768
1/18/2017 6:00:00 AM	547200.000	60.916	16.843
140.654	1112.066	1317.289	0.664
0.896	899.227	0.999	14.779
1/18/2017 6:15:00 AM	548100.000	60.914	16.843
140.648	1111.442	1316.571	0.664
0.895	899.732	0.999	14.785
1/18/2017 6:30:00 AM	549000.000	60.916	16.844
140.652	1111.093	1316.131	0.663
0.895	900.014	0.999	14.789
1/18/2017 6:45:00 AM	549900.000	60.917	16.843
140.655	1111.660	1316.813	0.664
0.895	899.556	0.999	14.788
1/18/2017 7:00:00 AM	550800.000	60.946	16.842
140.722	1110.252	1315.171	0.663
0.894	900.697	0.999	14.770
1/18/2017 7:15:00 AM	551700.000	60.927	16.843
140.679	1111.160	1316.232	0.664
0.895	899.960	0.999	14.773
1/18/2017 7:30:00 AM	552600.000	60.926	16.843
140.677	1110.125	1315.006	0.663
0.894	900.799	0.999	14.776
1/18/2017 7:45:00 AM	553500.000	60.928	16.843
140.681	1110.763	1315.764	0.663
0.895	900.282	0.999	14.764
1/18/2017 8:00:00 AM	554400.000	60.932	16.841
140.690	1110.869	1315.931	0.663
0.895	900.196	0.999	14.758
1/18/2017 8:15:00 AM	555300.000	60.932	16.842
140.689	1111.091	1316.160	0.663
0.895	900.016	0.999	14.759
1/18/2017 8:30:00 AM	556200.000	60.935	16.842
140.698	1112.358	1317.671	0.664
0.896	898.991	0.999	14.755
1/18/2017 8:45:00 AM	557100.000	60.942	16.843
140.713	1112.477	1317.800	0.664
0.896	898.895	0.999	14.746
1/18/2017 9:00:00 AM	558000.000	60.944	16.842
140.718	1111.396	1316.534	0.664
0.895	899.769	0.999	14.741
1/18/2017 9:15:00 AM	558900.000	60.939	16.843
140.706	1111.528	1316.657	0.664
0.895	899.662	0.999	14.745
1/18/2017 9:30:00 AM	559800.000	60.946	16.842
140.722	1111.312	1316.430	0.664

0.895	899.837	0.999	14.738
1/18/2017 9:45:00 AM	560700.000	60.940	16.843
140.708	1111.478	1316.614	0.664
0.895	899.703	0.999	14.742
1/18/2017 10:00:00 AM	561600.000	60.942	16.843
140.714	1111.536	1316.661	0.664
0.895	899.656	0.999	14.742
1/18/2017 10:15:00 AM	562500.000	60.938	16.840
140.704	1111.128	1316.267	0.664
0.895	899.986	0.999	14.772
1/18/2017 10:30:00 AM	563400.000	60.944	16.842
140.717	1110.191	1315.094	0.663
0.894	900.746	0.999	14.777
1/18/2017 10:45:00 AM	564300.000	60.937	16.842
140.702	1111.309	1316.432	0.664
0.895	899.839	0.999	14.783
1/18/2017 11:00:00 AM	565200.000	60.947	16.842
140.724	1111.582	1316.747	0.664
0.895	899.619	0.999	14.776
1/18/2017 11:15:00 AM	566100.000	60.949	16.842
140.729	1110.664	1315.656	0.663
0.895	900.363	0.999	14.772
1/18/2017 11:30:00 AM	567000.000	60.946	16.843
140.722	1110.393	1315.331	0.663
0.894	900.582	0.999	14.773
1/18/2017 11:45:00 AM	567900.000	60.942	16.842
140.714	1110.471	1315.449	0.663
0.895	900.518	0.999	14.771
1/18/2017 12:00:00 PM	568800.000	60.952	16.843
140.737	1110.763	1315.751	0.663
0.895	900.282	0.999	14.760
1/18/2017 12:15:00 PM	569700.000	60.949	16.842
140.729	1110.505	1315.484	0.663
0.895	900.491	0.999	14.761
1/18/2017 12:30:00 PM	570600.000	60.955	16.842
140.743	1111.285	1316.389	0.664
0.895	899.859	0.999	14.746
1/18/2017 12:45:00 PM	571500.000	60.954	16.841
140.741	1110.336	1315.323	0.663
0.894	900.629	0.999	14.743
1/18/2017 1:00:00 PM	572400.000	60.955	16.841
140.744	1111.446	1316.638	0.664
0.895	899.729	0.999	14.740
1/18/2017 1:15:00 PM	573300.000	60.962	16.841
140.759	1111.852	1317.111	0.664
0.896	899.400	0.999	14.730
1/18/2017 1:30:00 PM	574200.000	60.970	16.842
140.777	1111.442	1316.597	0.664
0.895	899.732	0.999	14.725
1/18/2017 1:45:00 PM	575100.000	60.967	16.842
140.772	1110.125	1315.027	0.663
0.894	900.799	0.999	14.723
1/18/2017 2:00:00 PM	576000.000	60.970	16.841
140.779	1110.685	1315.718	0.663

0.895	900.345	0.999	14.714
1/18/2017 2:15:00 PM	576900.000	60.974	16.843
140.786	1112.229	1317.488	0.664
0.896	899.095	0.999	14.706
1/18/2017 2:30:00 PM	577800.000	60.974	16.841
140.787	1112.025	1317.298	0.664
0.896	899.260	0.999	14.700
1/18/2017 2:45:00 PM	578700.000	60.978	16.841
140.796	1112.184	1317.486	0.664
0.896	899.132	0.999	14.690
1/18/2017 3:00:00 PM	579600.000	60.986	16.841
140.815	1111.995	1317.286	0.664
0.896	899.285	0.999	14.676
1/18/2017 3:15:00 PM	580500.000	60.982	16.841
140.806	1112.694	1318.111	0.664
0.896	898.720	0.999	14.673
1/18/2017 3:30:00 PM	581400.000	60.987	16.842
140.817	1112.133	1317.417	0.664
0.896	899.173	0.999	14.667
1/18/2017 3:45:00 PM	582300.000	60.986	16.841
140.815	1111.659	1316.888	0.664
0.895	899.556	0.999	14.672
1/18/2017 4:00:00 PM	583200.000	60.985	16.843
140.813	1111.590	1316.740	0.664
0.895	899.613	0.999	14.672
1/18/2017 4:15:00 PM	584100.000	60.996	16.843
140.838	1111.706	1316.873	0.664
0.895	899.518	0.999	14.660
1/18/2017 4:30:00 PM	585000.000	60.998	16.842
140.843	1111.026	1316.109	0.663
0.895	900.069	0.999	14.654
1/18/2017 4:45:00 PM	585900.000	61.013	16.842
140.878	1112.435	1317.779	0.664
0.896	898.929	0.999	14.657
1/18/2017 5:00:00 PM	586800.000	61.005	16.842
140.860	1112.254	1317.567	0.664
0.896	899.075	0.999	14.647
1/18/2017 5:15:00 PM	587700.000	61.008	16.842
140.865	1111.707	1316.908	0.664
0.895	899.518	0.999	14.638
1/18/2017 5:30:00 PM	588600.000	61.011	16.841
140.872	1111.282	1316.431	0.664
0.895	899.862	0.999	14.635
1/18/2017 5:45:00 PM	589500.000	61.011	16.841
140.873	1113.202	1318.692	0.665
0.897	898.310	0.999	14.632
1/18/2017 6:00:00 PM	590400.000	61.014	16.842
140.880	1113.103	1318.559	0.665
0.897	898.390	0.999	14.630
1/18/2017 6:15:00 PM	591300.000	61.025	16.842
140.905	1113.016	1318.448	0.665
0.897	898.460	0.999	14.622
1/18/2017 6:30:00 PM	592200.000	61.018	16.840
140.890	1110.960	1316.064	0.663

0.895	900.123	0.999	14.629
1/18/2017 6:45:00 PM	593100.000	61.022	16.841
140.899	1111.645	1316.869	0.664
0.895	899.567	0.999	14.627
1/18/2017 7:00:00 PM	594000.000	61.020	16.841
140.892	1111.420	1316.589	0.664
0.895	899.750	0.999	14.631
1/18/2017 7:15:00 PM	594900.000	61.023	16.842
140.900	1111.703	1316.912	0.664
0.896	899.520	0.999	14.629
1/18/2017 7:30:00 PM	595800.000	61.027	16.841
140.909	1111.844	1317.086	0.664
0.896	899.407	0.999	14.635
1/18/2017 7:45:00 PM	596700.000	61.032	16.841
140.921	1112.497	1317.875	0.664
0.896	898.879	0.999	14.637
1/18/2017 8:00:00 PM	597600.000	61.029	16.841
140.913	1110.304	1315.275	0.663
0.894	900.654	0.999	14.639
1/18/2017 8:15:00 PM	598500.000	61.037	16.841
140.933	1113.962	1319.603	0.665
0.897	897.697	0.999	14.640
1/18/2017 8:30:00 PM	599400.000	61.038	16.843
140.935	1114.773	1320.512	0.666
0.898	897.043	0.999	14.641
1/18/2017 8:45:00 PM	600300.000	61.041	16.841
140.942	1112.598	1318.003	0.664
0.896	898.797	0.999	14.645
1/18/2017 9:00:00 PM	601200.000	61.031	16.842
140.918	1109.968	1314.843	0.663
0.894	900.927	0.999	14.653
1/18/2017 9:15:00 PM	602100.000	61.042	16.842
140.944	1113.774	1319.362	0.665
0.897	897.848	0.999	14.646
1/18/2017 9:30:00 PM	603000.000	61.042	16.841
140.944	1113.601	1319.164	0.665
0.897	897.988	0.999	14.647
1/18/2017 9:45:00 PM	603900.000	61.046	16.842
140.953	1112.670	1318.054	0.664
0.896	898.739	0.999	14.649
1/18/2017 10:00:00 PM	604800.000	61.037	16.841
140.933	1112.122	1317.420	0.664
0.896	899.182	0.999	14.658
1/18/2017 10:15:00 PM	605700.000	61.047	16.841
140.957	1110.735	1315.772	0.663
0.895	900.305	0.999	14.657
1/18/2017 10:30:00 PM	606600.000	61.047	16.840
140.955	1111.098	1316.241	0.664
0.895	900.011	0.999	14.660
1/18/2017 10:45:00 PM	607500.000	61.052	16.841
140.966	1113.079	1318.567	0.665
0.897	898.409	0.999	14.655
1/18/2017 11:00:00 PM	608400.000	61.048	16.841
140.959	1113.859	1319.476	0.665

0.897	897.779	0.999	14.656
1/18/2017 11:15:00 PM	609300.000	61.043	16.841
140.946	1111.323	1316.479	0.664
0.895	899.828	0.999	14.665
1/18/2017 11:30:00 PM	610200.000	61.055	16.840
140.975	1112.578	1318.003	0.664
0.896	898.813	0.999	14.657
1/18/2017 11:45:00 PM	611100.000	61.044	16.841
140.949	1110.103	1315.031	0.663
0.894	900.818	0.999	14.670

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: $\mu\text{S}/\text{cm}$

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
1/12/2017	0:00:00	0	33.828	15.9	2102.8
1/12/2017	0:15:00	0	33.879	15.9	2102.8
1/12/2017	0:30:00	0	33.828	15.9	2102.8
1/12/2017	0:45:00	0	33.874	15.9	2102.8
1/12/2017	1:00:00	0	33.876	15.9	2102.8
1/12/2017	1:15:00	0	33.926	15.9	2102.8
1/12/2017	1:30:00	0	33.909	15.9	2100.4
1/12/2017	1:45:00	0	33.83	15.9	2102.8
1/12/2017	2:00:00	0	33.843	15.9	2102.8
1/12/2017	2:15:00	0	33.821	15.9	2102.8
1/12/2017	2:30:00	0	33.817	15.9	2100.4
1/12/2017	2:45:00	0	33.877	15.9	2102.8
1/12/2017	3:00:00	0	33.878	15.9	2102.8
1/12/2017	3:15:00	0	33.883	15.9	2102.8
1/12/2017	3:30:00	0	33.911	15.9	2102.8
1/12/2017	3:45:00	0	33.868	15.9	2102.8
1/12/2017	4:00:00	0	33.871	15.9	2102.8
1/12/2017	4:15:00	0	33.875	15.9	2102.8
1/12/2017	4:30:00	0	33.899	15.9	2102.8
1/12/2017	4:45:00	0	33.948	15.9	2102.8
1/12/2017	5:00:00	0	33.891	15.9	2102.8
1/12/2017	5:15:00	0	33.885	15.9	2102.8
1/12/2017	5:30:00	0	33.908	15.9	2102.8
1/12/2017	5:45:00	0	33.953	15.9	2102.8
1/12/2017	6:00:00	0	33.944	15.9	2102.8
1/12/2017	6:15:00	0	33.939	15.9	2102.8
1/12/2017	6:30:00	0	33.919	15.9	2102.8
1/12/2017	6:45:00	0	33.914	15.9	2102.8
1/12/2017	7:00:00	0	33.884	15.9	2104
1/12/2017	7:15:00	0	33.896	15.9	2102.8
1/12/2017	7:30:00	0	33.902	15.9	2104

1/12/2017	7:45:00	0	33.91	15.9	2104
1/12/2017	8:00:00	0	33.922	15.9	2102.8
1/12/2017	8:15:00	0	33.935	15.9	2104
1/12/2017	8:30:00	0	33.885	15.9	2104
1/12/2017	8:45:00	0	33.935	15.9	2104
1/12/2017	9:00:00	0	33.948	15.9	2104
1/12/2017	9:15:00	0	33.937	15.9	2105.1
1/12/2017	9:30:00	0	33.95	15.9	2104
1/12/2017	9:45:00	0	33.94	15.9	2104
1/12/2017	10:00:00	0	33.953	15.9	2102.8
1/12/2017	10:15:00	0	33.987	15.9	2104
1/12/2017	10:30:00	0	33.96	15.9	2105.1
1/12/2017	10:45:00	0	33.98	15.9	2104
1/12/2017	11:00:00	0	34.001	15.9	2105.1
1/12/2017	11:15:00	0	34.047	15.9	2105.1
1/12/2017	11:30:00	0	34.033	15.9	2105.1
1/12/2017	11:45:00	0	33.996	15.9	2105.1
1/12/2017	12:00:00	0	34.02	15.9	2106.3
1/12/2017	12:15:00	0	34.047	15.9	2106.3
1/12/2017	12:30:00	0	34.029	15.9	2106.3
1/12/2017	12:45:00	0	34.051	15.9	2106.3
1/12/2017	13:00:00	0	34.073	15.9	2106.3
1/12/2017	13:15:00	0	34.056	15.9	2105.1
1/12/2017	13:30:00	0	34.016	15.9	2106.3
1/12/2017	13:45:00	0	34.036	15.9	2106.3
1/12/2017	14:00:00	0	34.02	15.9	2106.3
1/12/2017	14:15:00	0	34.079	15.9	2108.7
1/12/2017	14:30:00	0	34.034	15.9	2106.3
1/12/2017	14:45:00	0	34.029	15.9	2108.7
1/12/2017	15:00:00	0	34.025	15.9	2111.1
1/12/2017	15:15:00	0	34.083	15.9	2111.1
1/12/2017	15:30:00	0	34.061	15.9	2111.1
1/12/2017	15:45:00	0	34.056	15.9	2111.1
1/12/2017	16:00:00	0	34.054	15.9	2111.1
1/12/2017	16:15:00	0	34.172	15.9	2111.1
1/12/2017	16:30:00	0	34.113	15.9	2111.1
1/12/2017	16:45:00	0	34.092	15.9	2111.1
1/12/2017	17:00:00	0	34.128	15.9	2111.1
1/12/2017	17:15:00	0	34.163	15.9	2111.1
1/12/2017	17:30:00	0	34.143	15.9	2111.1
1/12/2017	17:45:00	0	34.123	15.9	2111.1
1/12/2017	18:00:00	0	34.097	15.9	2111.1
1/12/2017	18:15:00	0	34.192	15.9	2111.1
1/12/2017	18:30:00	0	34.129	15.9	2111.1
1/12/2017	18:45:00	0	34.179	15.9	2109.9
1/12/2017	19:00:00	0	34.169	15.9	2111.1
1/12/2017	19:15:00	0	34.184	15.9	2109.9

1/12/2017	19:30:00	0	34.16	15.9	2111.1
1/12/2017	19:45:00	0	34.196	15.9	2111.1
1/12/2017	20:00:00	0	34.208	15.9	2111.1
1/12/2017	20:15:00	0	34.204	15.9	2111.1
1/12/2017	20:30:00	0	34.238	15.9	2111.1
1/12/2017	20:45:00	0	34.157	15.9	2112.2
1/12/2017	21:00:00	0	34.251	15.9	2112.2
1/12/2017	21:15:00	0	34.212	15.9	2114.6
1/12/2017	21:30:00	0	34.228	15.9	2114.6
1/12/2017	21:45:00	0	34.265	15.9	2114.6
1/12/2017	22:00:00	0	34.282	15.9	2114.6
1/12/2017	22:15:00	0	34.24	15.9	2115.8
1/12/2017	22:30:00	0	34.28	15.9	2115.8
1/12/2017	22:45:00	0	34.284	15.9	2115.8
1/12/2017	23:00:00	0	34.261	15.9	2115.8
1/12/2017	23:15:00	0	34.262	15.9	2117
1/12/2017	23:30:00	0	34.342	15.9	2117
1/12/2017	23:45:00	0	34.32	15.9	2117
1/13/2017	0:00:00	0	34.318	15.9	2117
1/13/2017	0:15:00	0	34.336	15.9	2119.3
1/13/2017	0:30:00	0	34.316	15.9	2119.3
1/13/2017	0:45:00	0	34.336	15.9	2119.3
1/13/2017	1:00:00	0	34.337	15.9	2119.3
1/13/2017	1:15:00	0	34.351	15.9	2120.5
1/13/2017	1:30:00	0	34.388	15.9	2120.5
1/13/2017	1:45:00	0	34.303	15.9	2120.5
1/13/2017	2:00:00	0	34.376	15.9	2120.5
1/13/2017	2:15:00	0	34.311	15.9	2120.5
1/13/2017	2:30:00	0	34.388	15.9	2121.7
1/13/2017	2:45:00	0	34.345	15.9	2122.9
1/13/2017	3:00:00	0	34.437	15.9	2122.9
1/13/2017	3:15:00	0	34.42	15.9	2122.9
1/13/2017	3:30:00	0	34.416	15.9	2122.9
1/13/2017	3:45:00	0	34.432	15.9	2122.9
1/13/2017	4:00:00	0	34.435	15.9	2125.2
1/13/2017	4:15:00	0	34.449	15.9	2125.2
1/13/2017	4:30:00	0	34.466	15.9	2126.4
1/13/2017	4:45:00	0	34.428	15.9	2126.4
1/13/2017	5:00:00	0	34.399	15.9	2126.4
1/13/2017	5:15:00	0	34.456	15.9	2126.4
1/13/2017	5:30:00	0	34.436	15.9	2127.6
1/13/2017	5:45:00	0	34.511	15.9	2127.6
1/13/2017	6:00:00	0	34.548	15.9	2127.6
1/13/2017	6:15:00	0	34.508	15.9	2128.8
1/13/2017	6:30:00	0	34.523	15.9	2128.8
1/13/2017	6:45:00	0	34.497	15.9	2128.8
1/13/2017	7:00:00	0	34.471	15.9	2131.1

1/13/2017	7:15:00	0	34.565	15.9	2131.1
1/13/2017	7:30:00	0	34.538	15.9	2131.1
1/13/2017	7:45:00	0	34.511	15.9	2132.3
1/13/2017	8:00:00	0	34.51	15.9	2132.3
1/13/2017	8:15:00	0	34.541	15.9	2132.3
1/13/2017	8:30:00	0	34.505	15.9	2133.5
1/13/2017	8:45:00	0	34.533	15.9	2133.5
1/13/2017	9:00:00	0	34.547	15.9	2134.7
1/13/2017	9:15:00	0	34.562	15.9	2134.7
1/13/2017	9:30:00	0	34.514	15.9	2134.7
1/13/2017	9:45:00	0	34.485	15.9	2134.7
1/13/2017	10:00:00	0	34.595	15.9	2137.1
1/13/2017	10:15:00	0	34.511	15.9	2137.1
1/13/2017	10:30:00	0	34.605	15.9	2138.2
1/13/2017	10:45:00	0	34.545	15.9	2138.2
1/13/2017	11:00:00	0	34.605	15.9	2138.2
1/13/2017	11:15:00	0	34.587	15.9	2139.4
1/13/2017	11:30:00	0	34.593	15.9	2139.4
1/13/2017	11:45:00	0	34.557	15.9	2139.4
1/13/2017	12:00:00	0	34.619	15.9	2139.4
1/13/2017	12:15:00	0	34.628	15.9	2140.6
1/13/2017	12:30:00	0	34.561	15.9	2143
1/13/2017	12:45:00	0	34.622	15.9	2143
1/13/2017	13:00:00	0	34.572	15.9	2144.1
1/13/2017	13:15:00	0	34.636	15.9	2144.1
1/13/2017	13:30:00	0	34.615	15.9	2145.3
1/13/2017	13:45:00	0	34.693	15.9	2147.7
1/13/2017	14:00:00	0	34.607	15.9	2147.7
1/13/2017	14:15:00	0	34.657	15.9	2147.7
1/13/2017	14:30:00	0	34.616	15.9	2147.7
1/13/2017	14:45:00	0	34.672	15.9	2148.9
1/13/2017	15:00:00	0	34.655	15.9	2148.9
1/13/2017	15:15:00	0	34.676	15.9	2150.1
1/13/2017	15:30:00	0	34.657	15.9	2150.1
1/13/2017	15:45:00	0	34.625	15.9	2151.2
1/13/2017	16:00:00	0	34.647	15.9	2151.2
1/13/2017	16:15:00	0	34.692	15.9	2153.6
1/13/2017	16:30:00	0	34.696	15.9	2153.6
1/13/2017	16:45:00	0	34.654	15.9	2154.8
1/13/2017	17:00:00	0	34.679	15.9	2156
1/13/2017	17:15:00	0	34.737	15.9	2156
1/13/2017	17:30:00	0	34.734	15.9	2157.1
1/13/2017	17:45:00	0	34.751	15.9	2157.1
1/13/2017	18:00:00	0	34.752	15.9	2157.1
1/13/2017	18:15:00	0	34.776	15.9	2159.5
1/13/2017	18:30:00	0	34.741	15.9	2159.5
1/13/2017	18:45:00	0	34.714	15.9	2160.7

1/13/2017	19:00:00	0	34.707	15.9	2161.9
1/13/2017	19:15:00	0	34.744	15.9	2161.9
1/13/2017	19:30:00	0	34.706	15.9	2163.1
1/13/2017	19:45:00	0	34.766	15.9	2165.4
1/13/2017	20:00:00	0	34.759	15.9	2165.4
1/13/2017	20:15:00	0	34.75	15.9	2165.4
1/13/2017	20:30:00	0	34.738	15.9	2166.6
1/13/2017	20:45:00	0	34.772	15.9	2167.8
1/13/2017	21:00:00	0	34.807	15.9	2167.8
1/13/2017	21:15:00	0	34.782	15.9	2169
1/13/2017	21:30:00	0	34.764	15.9	2169
1/13/2017	21:45:00	0	34.777	15.9	2171.3
1/13/2017	22:00:00	0	34.816	15.9	2171.3
1/13/2017	22:15:00	0	34.812	15.9	2172.5
1/13/2017	22:30:00	0	34.89	15.9	2173.7
1/13/2017	22:45:00	0	34.845	15.9	2173.7
1/13/2017	23:00:00	0	34.829	15.9	2174.9
1/13/2017	23:15:00	0	34.814	15.9	2174.9
1/13/2017	23:30:00	0	34.832	15.9	2177.2
1/13/2017	23:45:00	0	34.837	15.9	2177.2
1/14/2017	0:00:00	0	34.884	15.9	2178.4
1/14/2017	0:15:00	0	34.902	15.9	2179.6
1/14/2017	0:30:00	0	34.823	15.9	2179.6
1/14/2017	0:45:00	0	34.842	15.9	2182
1/14/2017	1:00:00	0	34.905	15.9	2182
1/14/2017	1:15:00	0	34.888	15.9	2183.2
1/14/2017	1:30:00	0	34.935	15.9	2183.2
1/14/2017	1:45:00	0	34.889	15.9	2183.2
1/14/2017	2:00:00	0	34.871	15.9	2184.3
1/14/2017	2:15:00	0	34.866	15.9	2185.5
1/14/2017	2:30:00	0	34.868	15.9	2187.9
1/14/2017	2:45:00	0	34.866	15.9	2187.9
1/14/2017	3:00:00	0	34.886	15.9	2187.9
1/14/2017	3:15:00	0	34.904	15.9	2189.1
1/14/2017	3:30:00	0	34.93	15.9	2189.1
1/14/2017	3:45:00	0	34.932	15.9	2190.2
1/14/2017	4:00:00	0	34.973	15.9	2190.2
1/14/2017	4:15:00	0	34.87	15.9	2191.4
1/14/2017	4:30:00	0	34.904	15.9	2193.8
1/14/2017	4:45:00	0	34.945	15.9	2195
1/14/2017	5:00:00	0	34.909	15.9	2195
1/14/2017	5:15:00	0	34.938	15.9	2195
1/14/2017	5:30:00	0	34.938	15.9	2196.2
1/14/2017	5:45:00	0	34.939	15.9	2197.3
1/14/2017	6:00:00	0	35.001	15.9	2199.7
1/14/2017	6:15:00	0	34.995	15.9	2199.7
1/14/2017	6:30:00	0	34.936	15.9	2199.7

1/14/2017	6:45:00	0	34.911	15.9	2200.9
1/14/2017	7:00:00	0	34.973	15.9	2200.9
1/14/2017	7:15:00	0	34.992	15.9	2202.1
1/14/2017	7:30:00	0	34.973	15.9	2203.2
1/14/2017	7:45:00	0	35.013	15.9	2203.2
1/14/2017	8:00:00	0	34.971	15.9	2203.2
1/14/2017	8:15:00	0	35.003	15.9	2205.6
1/14/2017	8:30:00	0	34.912	15.9	2206.8
1/14/2017	8:45:00	0	35.004	15.9	2206.8
1/14/2017	9:00:00	0	34.994	15.9	2208
1/14/2017	9:15:00	0	34.984	15.9	2208
1/14/2017	9:30:00	0	35.001	15.9	2208
1/14/2017	9:45:00	0	34.981	15.9	2209.2
1/14/2017	10:00:00	0	34.962	15.9	2211.5
1/14/2017	10:15:00	0	35.007	15.9	2211.5
1/14/2017	10:30:00	0	35.027	15.9	2211.5
1/14/2017	10:45:00	0	35.051	15.9	2212.7
1/14/2017	11:00:00	0	35.021	15.9	2213.9
1/14/2017	11:15:00	0	35.028	15.9	2213.9
1/14/2017	11:30:00	0	35.053	15.9	2216.3
1/14/2017	11:45:00	0	35.023	15.9	2216.3
1/14/2017	12:00:00	0	35.092	15.9	2216.3
1/14/2017	12:15:00	0	34.967	15.9	2217.4
1/14/2017	12:30:00	0	34.994	15.9	2217.4
1/14/2017	12:45:00	0	35.059	15.9	2218.6
1/14/2017	13:00:00	0	34.994	15.9	2218.6
1/14/2017	13:15:00	0	35.001	15.9	2219.8
1/14/2017	13:30:00	0	34.982	15.9	2219.8
1/14/2017	13:45:00	0	35.004	15.9	2222.2
1/14/2017	14:00:00	0	35.017	15.9	2223.3
1/14/2017	14:15:00	0	35.013	15.9	2223.3
1/14/2017	14:30:00	0	34.988	15.9	2224.5
1/14/2017	14:45:00	0	34.991	15.9	2224.5
1/14/2017	15:00:00	0	34.979	15.9	2225.7
1/14/2017	15:15:00	0	35.06	15.9	2225.7
1/14/2017	15:30:00	0	35.061	15.9	2224.5
1/14/2017	15:45:00	0	35.06	15.9	2228.1
1/14/2017	16:00:00	0	35.079	15.9	2228.1
1/14/2017	16:15:00	0	35.024	15.9	2228.1
1/14/2017	16:30:00	0	35.06	15.9	2229.3
1/14/2017	16:45:00	0	35.036	15.9	2229.3
1/14/2017	17:00:00	0	35.005	15.9	2229.3
1/14/2017	17:15:00	0	35.068	15.9	2230.4
1/14/2017	17:30:00	0	35.053	15.9	2231.6
1/14/2017	17:45:00	0	35.052	15.9	2231.6
1/14/2017	18:00:00	0	35.067	15.9	2231.6
1/14/2017	18:15:00	0	35.066	15.9	2234

1/14/2017	18:30:00	0	35.09	15.9	2234
1/14/2017	18:45:00	0	35.089	15.9	2235.2
1/14/2017	19:00:00	0	35.109	15.9	2234
1/14/2017	19:15:00	0	35.091	15.9	2234
1/14/2017	19:30:00	0	35.132	15.9	2236.3
1/14/2017	19:45:00	0	35.072	15.9	2235.2
1/14/2017	20:00:00	0	35.127	15.9	2237.5
1/14/2017	20:15:00	0	35.111	15.9	2239.9
1/14/2017	20:30:00	0	35.049	15.9	2237.5
1/14/2017	20:45:00	0	35.07	15.9	2239.9
1/14/2017	21:00:00	0	35.053	15.9	2239.9
1/14/2017	21:15:00	0	35.132	15.9	2239.9
1/14/2017	21:30:00	0	35.113	15.9	2239.9
1/14/2017	21:45:00	0	35.093	15.9	2241.1
1/14/2017	22:00:00	0	35.097	15.9	2241.1
1/14/2017	22:15:00	0	35.114	15.9	2242.3
1/14/2017	22:30:00	0	35.151	15.9	2242.3
1/14/2017	22:45:00	0	35.115	15.9	2242.3
1/14/2017	23:00:00	0	35.09	15.9	2242.3
1/14/2017	23:15:00	0	35.095	15.9	2244.6
1/14/2017	23:30:00	0	35.093	15.9	2245.8
1/14/2017	23:45:00	0	35.117	15.9	2245.8
1/15/2017	0:00:00	0	35.118	15.9	2245.8
1/15/2017	0:15:00	0	35.117	15.9	2245.8
1/15/2017	0:30:00	0	35.16	15.9	2245.8
1/15/2017	0:45:00	0	35.126	15.9	2247
1/15/2017	1:00:00	0	35.131	15.9	2247
1/15/2017	1:15:00	0	35.148	15.9	2247
1/15/2017	1:30:00	0	35.089	15.9	2248.2
1/15/2017	1:45:00	0	35.166	15.9	2248.2
1/15/2017	2:00:00	0	35.166	15.9	2248.2
1/15/2017	2:15:00	0	35.104	15.9	2248.2
1/15/2017	2:30:00	0	35.127	15.9	2250.5
1/15/2017	2:45:00	0	35.144	15.9	2248.2
1/15/2017	3:00:00	0	35.145	15.9	2250.5
1/15/2017	3:15:00	0	35.128	15.9	2250.5
1/15/2017	3:30:00	0	35.125	15.9	2250.5
1/15/2017	3:45:00	0	35.125	15.9	2248.2
1/15/2017	4:00:00	0	35.085	15.9	2250.5
1/15/2017	4:15:00	0	35.126	15.9	2251.7
1/15/2017	4:30:00	0	35.15	15.9	2251.7
1/15/2017	4:45:00	0	35.173	15.9	2251.7
1/15/2017	5:00:00	0	35.197	15.9	2252.9
1/15/2017	5:15:00	0	35.157	15.9	2252.9
1/15/2017	5:30:00	0	35.141	15.9	2254.1
1/15/2017	5:45:00	0	35.14	15.9	2254.1
1/15/2017	6:00:00	0	35.182	15.9	2254.1

1/15/2017	6:15:00	0	35.14	15.9	2254.1
1/15/2017	6:30:00	0	35.18	15.9	2256.4
1/15/2017	6:45:00	0	35.199	15.9	2254.1
1/15/2017	7:00:00	0	35.142	15.9	2256.4
1/15/2017	7:15:00	0	35.143	15.9	2256.4
1/15/2017	7:30:00	0	35.123	15.9	2254.1
1/15/2017	7:45:00	0	35.201	15.9	2254.1
1/15/2017	8:00:00	0	35.174	15.9	2256.4
1/15/2017	8:15:00	0	35.146	15.9	2256.4
1/15/2017	8:30:00	0	35.175	15.9	2256.4
1/15/2017	8:45:00	0	35.203	15.9	2257.6
1/15/2017	9:00:00	0	35.099	15.9	2257.6
1/15/2017	9:15:00	0	35.17	15.9	2256.4
1/15/2017	9:30:00	0	35.205	15.9	2257.6
1/15/2017	9:45:00	0	35.114	15.9	2257.6
1/15/2017	10:00:00	0	35.107	15.9	2256.4
1/15/2017	10:15:00	0	35.183	15.9	2256.4
1/15/2017	10:30:00	0	35.145	15.9	2257.6
1/15/2017	10:45:00	0	35.188	15.9	2257.6
1/15/2017	11:00:00	0	35.154	15.9	2257.6
1/15/2017	11:15:00	0	35.146	15.9	2257.6
1/15/2017	11:30:00	0	35.132	15.9	2258.8
1/15/2017	11:45:00	0	35.137	15.9	2258.8
1/15/2017	12:00:00	0	35.105	15.9	2258.8
1/15/2017	12:15:00	0	35.211	15.9	2258.8
1/15/2017	12:30:00	0	35.187	15.9	2258.8
1/15/2017	12:45:00	0	35.195	15.9	2258.8
1/15/2017	13:00:00	0	35.16	15.9	2258.8
1/15/2017	13:15:00	0	35.15	15.9	2258.8
1/15/2017	13:30:00	0	35.175	15.9	2258.8
1/15/2017	13:45:00	0	35.139	15.9	2260
1/15/2017	14:00:00	0	35.189	15.9	2260
1/15/2017	14:15:00	0	35.166	15.9	2260
1/15/2017	14:30:00	0	35.122	15.9	2260
1/15/2017	14:45:00	0	35.157	15.9	2260
1/15/2017	15:00:00	0	35.16	15.9	2260
1/15/2017	15:15:00	0	35.144	15.9	2260
1/15/2017	15:30:00	0	35.181	15.9	2262.3
1/15/2017	15:45:00	0	35.187	15.9	2260
1/15/2017	16:00:00	0	35.188	15.9	2260
1/15/2017	16:15:00	0	35.161	15.9	2262.3
1/15/2017	16:30:00	0	35.186	15.9	2262.3
1/15/2017	16:45:00	0	35.187	15.9	2262.3
1/15/2017	17:00:00	0	35.19	15.9	2262.3
1/15/2017	17:15:00	0	35.212	15.9	2262.3
1/15/2017	17:30:00	0	35.189	15.9	2263.5
1/15/2017	17:45:00	0	35.181	15.9	2262.3

1/15/2017	18:00:00	0	35.167	15.9	2263.5
1/15/2017	18:15:00	0	35.161	15.9	2262.3
1/15/2017	18:30:00	0	35.161	15.9	2262.3
1/15/2017	18:45:00	0	35.216	15.9	2263.5
1/15/2017	19:00:00	0	35.189	15.9	2262.3
1/15/2017	19:15:00	0	35.212	15.9	2263.5
1/15/2017	19:30:00	0	35.211	15.9	2263.5
1/15/2017	19:45:00	0	35.227	15.9	2263.5
1/15/2017	20:00:00	0	35.171	15.9	2263.5
1/15/2017	20:15:00	0	35.191	15.9	2263.5
1/15/2017	20:30:00	0	35.15	15.9	2263.5
1/15/2017	20:45:00	0	35.188	15.9	2263.5
1/15/2017	21:00:00	0	35.184	15.9	2263.5
1/15/2017	21:15:00	0	35.141	15.9	2263.5
1/15/2017	21:30:00	0	35.143	15.9	2263.5
1/15/2017	21:45:00	0	35.12	15.9	2263.5
1/15/2017	22:00:00	0	35.221	15.9	2263.5
1/15/2017	22:15:00	0	35.202	15.9	2263.5
1/15/2017	22:30:00	0	35.217	15.9	2263.5
1/15/2017	22:45:00	0	35.171	15.9	2264.7
1/15/2017	23:00:00	0	35.168	15.9	2264.7
1/15/2017	23:15:00	0	35.206	15.9	2263.5
1/15/2017	23:30:00	0	35.187	15.9	2263.5
1/15/2017	23:45:00	0	35.172	15.9	2264.7
1/16/2017	0:00:00	0	35.196	15.9	2263.5
1/16/2017	0:15:00	0	35.205	15.9	2264.7
1/16/2017	0:30:00	0	35.227	15.9	2264.7
1/16/2017	0:45:00	0	35.211	15.9	2264.7
1/16/2017	1:00:00	0	35.232	15.9	2264.7
1/16/2017	1:15:00	0	35.175	15.9	2264.7
1/16/2017	1:30:00	0	35.197	15.9	2264.7
1/16/2017	1:45:00	0	35.221	15.9	2264.7
1/16/2017	2:00:00	0	35.243	15.9	2264.7
1/16/2017	2:15:00	0	35.208	15.9	2264.7
1/16/2017	2:30:00	0	35.235	15.9	2264.7
1/16/2017	2:45:00	0	35.212	15.9	2264.7
1/16/2017	3:00:00	0	35.183	15.9	2264.7
1/16/2017	3:15:00	0	35.197	15.9	2264.7
1/16/2017	3:30:00	0	35.224	15.9	2264.7
1/16/2017	3:45:00	0	35.211	15.9	2264.7
1/16/2017	4:00:00	0	35.167	15.9	2264.7
1/16/2017	4:15:00	0	35.222	15.9	2264.7
1/16/2017	4:30:00	0	35.226	15.9	2264.7
1/16/2017	4:45:00	0	35.171	15.9	2263.5
1/16/2017	5:00:00	0	35.228	15.9	2264.7
1/16/2017	5:15:00	0	35.153	15.9	2264.7
1/16/2017	5:30:00	0	35.148	15.9	2264.7

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1/16/2017	6:00:00	0	35.228	15.9	2264.7
1/16/2017	6:15:00	0	35.168	15.9	2264.7
1/16/2017	6:30:00	0	35.185	15.9	2263.5
1/16/2017	6:45:00	0	35.181	15.9	2264.7
1/16/2017	7:00:00	0	35.198	15.9	2264.7
1/16/2017	7:15:00	0	35.215	15.9	2264.7
1/16/2017	7:30:00	0	35.173	15.9	2264.7
1/16/2017	7:45:00	0	35.192	15.9	2264.7
1/16/2017	8:00:00	0	35.189	15.9	2264.7
1/16/2017	8:15:00	0	35.161	15.9	2264.7
1/16/2017	8:30:00	0	35.153	15.9	2264.7
1/16/2017	8:45:00	0	35.203	15.9	2264.7
1/16/2017	9:00:00	0	35.182	15.9	2264.7
1/16/2017	9:15:00	0	35.137	15.9	2264.7
1/16/2017	9:30:00	0	35.12	15.9	2264.7
1/16/2017	9:45:00	0	35.111	15.9	2264.7
1/16/2017	10:00:00	0	35.141	15.9	2264.7
1/16/2017	10:15:00	0	35.156	15.9	2264.7
1/16/2017	10:30:00	0	35.216	15.9	2264.7
1/16/2017	10:45:00	0	35.143	15.9	2264.7
1/16/2017	11:00:00	0	35.174	15.9	2264.7
1/16/2017	11:15:00	0	35.166	15.9	2264.7
1/16/2017	11:30:00	0	35.15	15.9	2264.7
1/16/2017	11:45:00	0	35.159	15.9	2264.7
1/16/2017	12:00:00	0	35.214	15.9	2264.7
1/16/2017	12:15:00	0	35.145	15.9	2264.7
1/16/2017	12:30:00	0	35.133	15.9	2264.7
1/16/2017	12:45:00	0	35.162	15.9	2264.7
1/16/2017	13:00:00	0	35.193	15.9	2264.7
1/16/2017	13:15:00	0	35.212	15.9	2264.7
1/16/2017	13:30:00	0	35.177	15.9	2264.7
1/16/2017	13:45:00	0	35.18	15.9	2264.7
1/16/2017	14:00:00	0	35.162	15.9	2264.7
1/16/2017	14:15:00	0	35.166	15.9	2264.7
1/16/2017	14:30:00	0	35.121	15.9	2264.7
1/16/2017	14:45:00	0	35.124	15.9	2264.7
1/16/2017	15:00:00	0	35.125	15.9	2264.7
1/16/2017	15:15:00	0	35.148	15.9	2264.7
1/16/2017	15:30:00	0	35.046	15.9	2264.7
1/16/2017	15:45:00	0	35.151	15.9	2264.7
1/16/2017	16:00:00	0	35.094	15.9	2264.7
1/16/2017	16:15:00	0	35.16	15.9	2264.7
1/16/2017	16:30:00	0	35.125	15.9	2264.7
1/16/2017	16:45:00	0	35.171	15.9	2264.7
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1/16/2017	17:15:00	0	35.148	15.9	2264.7

1/16/2017	17:30:00	0	35.125	15.9	2265.9
1/16/2017	17:45:00	0	35.145	15.9	2264.7
1/16/2017	18:00:00	0	35.137	15.9	2264.7
1/16/2017	18:15:00	0	35.099	15.9	2264.7
1/16/2017	18:30:00	0	35.122	15.9	2265.9
1/16/2017	18:45:00	0	35.145	15.9	2264.7
1/16/2017	19:00:00	0	35.102	15.9	2264.7
1/16/2017	19:15:00	0	35.173	15.9	2264.7
1/16/2017	19:30:00	0	35.113	15.9	2264.7
1/16/2017	19:45:00	0	35.133	15.9	2264.7
1/16/2017	20:00:00	0	35.157	15.9	2264.7
1/16/2017	20:15:00	0	35.171	15.9	2264.7
1/16/2017	20:30:00	0	35.167	15.9	2264.7
1/16/2017	20:45:00	0	35.086	15.9	2264.7
1/16/2017	21:00:00	0	35.146	15.9	2264.7
1/16/2017	21:15:00	0	35.141	15.9	2264.7
1/16/2017	21:30:00	0	35.131	15.9	2264.7
1/16/2017	21:45:00	0	35.153	15.9	2264.7
1/16/2017	22:00:00	0	35.156	15.9	2264.7
1/16/2017	22:15:00	0	35.097	15.9	2264.7
1/16/2017	22:30:00	0	35.14	15.9	2264.7
1/16/2017	22:45:00	0	35.157	15.9	2264.7
1/16/2017	23:00:00	0	35.14	15.9	2264.7
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1/16/2017	23:30:00	0	35.138	15.9	2264.7
1/16/2017	23:45:00	0	35.12	15.9	2264.7
1/17/2017	0:00:00	0	35.079	15.9	2265.9
1/17/2017	0:15:00	0	35.122	15.9	2264.7
1/17/2017	0:30:00	0	35.149	15.9	2264.7
1/17/2017	0:45:00	0	35.151	15.9	2264.7
1/17/2017	1:00:00	0	35.145	15.9	2264.7
1/17/2017	1:15:00	0	35.142	15.9	2264.7
1/17/2017	1:30:00	0	35.106	15.9	2264.7
1/17/2017	1:45:00	0	35.156	15.9	2265.9
1/17/2017	2:00:00	0	35.113	15.9	2264.7
1/17/2017	2:15:00	0	35.154	15.9	2264.7
1/17/2017	2:30:00	0	35.165	15.9	2264.7
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1/17/2017	3:00:00	0	35.143	15.9	2264.7
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1/17/2017	3:30:00	0	35.096	15.9	2264.7
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1/17/2017	4:00:00	0	35.121	15.9	2265.9
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1/17/2017	4:30:00	0	35.138	15.9	2264.7
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1/17/2017	5:00:00	0	35.101	15.9	2265.9

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1/17/2017	6:00:00	0	35.136	15.9	2264.7
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1/17/2017	6:45:00	0	35.09	15.9	2265.9
1/17/2017	7:00:00	0	35.149	15.9	2265.9
1/17/2017	7:15:00	0	35.118	15.9	2264.7
1/17/2017	7:30:00	0	35.113	15.9	2265.9
1/17/2017	7:45:00	0	35.058	15.9	2264.7
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1/17/2017	8:15:00	0	35.152	15.9	2264.7
1/17/2017	8:30:00	0	35.137	15.9	2263.5
1/17/2017	8:45:00	0	35.095	15.9	2265.9
1/17/2017	9:00:00	0	35.07	15.9	2265.9
1/17/2017	9:15:00	0	35.105	15.9	2264.7
1/17/2017	9:30:00	0	35.046	15.9	2264.7
1/17/2017	9:45:00	0	35.067	15.9	2264.7
1/17/2017	10:00:00	0	35.045	15.9	2263.5
1/17/2017	10:15:00	0	35.025	15.9	2264.7
1/17/2017	10:30:00	0	35.122	15.9	2263.5
1/17/2017	10:45:00	0	35.055	15.9	2264.7
1/17/2017	11:00:00	0	35.055	15.9	2265.9
1/17/2017	11:15:00	0	35.04	15.9	2264.7
1/17/2017	11:30:00	0	35.088	15.9	2264.7
1/17/2017	11:45:00	0	35.063	15.9	2264.7
1/17/2017	12:00:00	0	35.08	15.9	2264.7
1/17/2017	12:15:00	0	35.023	15.9	2265.9
1/17/2017	12:30:00	0	35.112	15.9	2264.7
1/17/2017	12:45:00	0	35.114	15.9	2264.7
1/17/2017	13:00:00	0	35.101	15.9	2264.7
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1/17/2017	13:30:00	0	35.069	15.9	2265.9
1/17/2017	13:45:00	0	35.078	15.9	2265.9
1/17/2017	14:00:00	0	35.07	15.9	2264.7
1/17/2017	14:15:00	0	35.05	15.9	2263.5
1/17/2017	14:30:00	0	35.051	15.9	2265.9
1/17/2017	14:45:00	0	35.045	15.9	2263.5
1/17/2017	15:00:00	0	35.055	15.9	2263.5
1/17/2017	15:15:00	0	35.036	15.9	2265.9
1/17/2017	15:30:00	0	35.078	15.9	2264.7
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1/17/2017	16:00:00	0	35.021	15.9	2264.7
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1/17/2017	16:30:00	0	35.029	15.9	2264.7
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1/17/2017	17:00:00	0	35.014	15.9	2264.7
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1/17/2017	17:30:00	0	35.011	15.9	2264.7
1/17/2017	17:45:00	0	35.052	15.9	2265.9
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1/17/2017	18:15:00	0	35.063	15.9	2264.7
1/17/2017	18:30:00	0	35.061	15.9	2264.7
1/17/2017	18:45:00	0	35.011	15.9	2264.7
1/17/2017	19:00:00	0	35.029	15.9	2263.5
1/17/2017	19:15:00	0	35.01	15.9	2264.7
1/17/2017	19:30:00	0	35.005	15.9	2265.9
1/17/2017	19:45:00	0	35.002	15.9	2263.5
1/17/2017	20:00:00	0	35.042	15.9	2264.7
1/17/2017	20:15:00	0	34.997	15.9	2265.9
1/17/2017	20:30:00	0	35.03	15.9	2264.7
1/17/2017	20:45:00	0	35.035	15.9	2264.7
1/17/2017	21:00:00	0	35.085	15.9	2265.9
1/17/2017	21:15:00	0	35.032	15.9	2264.7
1/17/2017	21:30:00	0	35.013	15.9	2263.5
1/17/2017	21:45:00	0	35.076	15.9	2265.9
1/17/2017	22:00:00	0	35.08	15.9	2264.7
1/17/2017	22:15:00	0	35.016	15.9	2264.7
1/17/2017	22:30:00	0	35.06	15.9	2264.7
1/17/2017	22:45:00	0	35.039	15.9	2264.7
1/17/2017	23:00:00	0	34.996	15.9	2263.5
1/17/2017	23:15:00	0	35.066	15.9	2264.7
1/17/2017	23:30:00	0	35.03	15.9	2263.5
1/17/2017	23:45:00	0	34.994	15.9	2264.7
1/18/2017	0:00:00	0	35.115	15.9	2264.7
1/18/2017	0:15:00	0	34.983	15.9	2264.7
1/18/2017	0:30:00	0	35.038	15.9	2263.5
1/18/2017	0:45:00	0	35.017	15.9	2264.7
1/18/2017	1:00:00	0	35.066	15.9	2264.7
1/18/2017	1:15:00	0	35	15.9	2264.7
1/18/2017	1:30:00	0	35.022	15.9	2264.7
1/18/2017	1:45:00	0	34.96	15.9	2264.7
1/18/2017	2:00:00	0	34.993	15.9	2263.5
1/18/2017	2:15:00	0	34.977	15.9	2264.7
1/18/2017	2:30:00	0	34.949	15.9	2263.5
1/18/2017	2:45:00	0	35.014	15.9	2264.7
1/18/2017	3:00:00	0	35.072	15.9	2264.7
1/18/2017	3:15:00	0	35.033	15.9	2263.5
1/18/2017	3:30:00	0	34.965	15.9	2263.5
1/18/2017	3:45:00	0	35.024	15.9	2264.7
1/18/2017	4:00:00	0	35.046	15.9	2263.5
1/18/2017	4:15:00	0	35.023	15.9	2264.7
1/18/2017	4:30:00	0	35.04	15.9	2264.7

1/18/2017	4:45:00	0	34.986	15.9	2265.9
1/18/2017	5:00:00	0	35.01	15.9	2265.9
1/18/2017	5:15:00	0	35.011	15.9	2263.5
1/18/2017	5:30:00	0	34.996	15.9	2264.7
1/18/2017	5:45:00	0	34.961	15.9	2264.7
1/18/2017	6:00:00	0	34.989	15.9	2263.5
1/18/2017	6:15:00	0	34.943	15.9	2262.3
1/18/2017	6:30:00	0	35.017	15.9	2263.5
1/18/2017	6:45:00	0	34.98	15.9	2263.5
1/18/2017	7:00:00	0	34.98	15.9	2264.7
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1/18/2017	7:30:00	0	35.069	15.9	2263.5
1/18/2017	7:45:00	0	35	15.9	2264.7
1/18/2017	8:00:00	0	34.986	15.9	2264.7
1/18/2017	8:15:00	0	35.032	15.9	2263.5
1/18/2017	8:30:00	0	34.997	15.9	2263.5
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1/18/2017	9:00:00	0	35.01	15.9	2264.7
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1/18/2017	9:30:00	0	34.988	15.9	2263.5
1/18/2017	9:45:00	0	34.981	15.9	2263.5
1/18/2017	10:00:00	0	35.012	15.9	2264.7
1/18/2017	10:15:00	0	34.875	15.9	2263.5
1/18/2017	10:30:00	0	34.922	15.9	2263.5
1/18/2017	10:45:00	0	34.9	15.9	2263.5
1/18/2017	11:00:00	0	34.941	15.9	2262.3
1/18/2017	11:15:00	0	34.995	15.9	2263.5
1/18/2017	11:30:00	0	34.984	15.9	2264.7
1/18/2017	11:45:00	0	34.974	15.9	2263.5
1/18/2017	12:00:00	0	34.987	15.9	2263.5
1/18/2017	12:15:00	0	35.004	15.9	2263.5
1/18/2017	12:30:00	0	34.968	15.9	2263.5
1/18/2017	12:45:00	0	35.019	15.9	2263.5
1/18/2017	13:00:00	0	34.947	15.9	2263.5
1/18/2017	13:15:00	0	35.022	15.9	2263.5
1/18/2017	13:30:00	0	34.988	15.9	2263.5
1/18/2017	13:45:00	0	34.996	15.9	2263.5
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1/18/2017	14:30:00	0	35.061	15.9	2263.5
1/18/2017	14:45:00	0	35.083	15.9	2263.5
1/18/2017	15:00:00	0	35.005	15.9	2263.5
1/18/2017	15:15:00	0	35.058	15.9	2263.5
1/18/2017	15:30:00	0	34.968	15.9	2264.7
1/18/2017	15:45:00	0	35.002	15.9	2264.7
1/18/2017	16:00:00	0	34.99	15.9	2263.5
1/18/2017	16:15:00	0	35.002	15.9	2264.7

1/18/2017	16:30:00	0	35.019	15.9	2263.5
1/18/2017	16:45:00	0	35.007	15.9	2263.5
1/18/2017	17:00:00	0	35	15.9	2264.7
1/18/2017	17:15:00	0	34.967	15.9	2263.5
1/18/2017	17:30:00	0	34.98	15.9	2263.5
1/18/2017	17:45:00	0	35.006	15.9	2263.5
1/18/2017	18:00:00	0	34.95	15.9	2263.5
1/18/2017	18:15:00	0	34.978	15.9	2263.5
1/18/2017	18:30:00	0	34.938	15.9	2264.7
1/18/2017	18:45:00	0	34.955	15.9	2263.5
1/18/2017	19:00:00	0	34.942	15.9	2263.5
1/18/2017	19:15:00	0	34.957	15.9	2263.5
1/18/2017	19:30:00	0	34.916	15.9	2263.5
1/18/2017	19:45:00	0	34.893	15.9	2263.5
1/18/2017	20:00:00	0	34.917	15.9	2262.3
1/18/2017	20:15:00	0	34.922	15.9	2263.5
1/18/2017	20:30:00	0	34.918	15.9	2263.5
1/18/2017	20:45:00	0	34.932	15.9	2263.5
1/18/2017	21:00:00	0	34.905	15.9	2263.5
1/18/2017	21:15:00	0	34.886	15.9	2264.7
1/18/2017	21:30:00	0	34.909	15.9	2264.7
1/18/2017	21:45:00	0	34.926	15.9	2264.7
1/18/2017	22:00:00	0	34.87	15.9	2263.5
1/18/2017	22:15:00	0	34.888	15.9	2264.7
1/18/2017	22:30:00	0	34.941	15.9	2264.7
1/18/2017	22:45:00	0	34.888	15.9	2263.5
1/18/2017	23:00:00	0	34.846	15.9	2263.5
1/18/2017	23:15:00	0	34.915	15.9	2263.5
1/18/2017	23:30:00	0	34.926	15.9	2263.5
1/18/2017	23:45:00	0	34.925	15.9	2264.7

Report Date: 1/20/2017 8:28:47 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_2017-01-19_12-56-43-976-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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.
	Sensor SN: 441205
	Cell Constant: 1.00383 Cell Offset: 0
	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
1/19/2017 12:55:27 PM Log Download - Used Battery: 17% Used Memory: 39% User Name: EHernandez Interval -
Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:45:00 PM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-

Log Data:
Record Count: 732
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		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A)	
658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A)	
658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A)	
658.7ft		Sensor: Baro-Adj Calc			
SN#: 441205		SN#: 441205		SN#: 441205	
SN#: 441205		SN#: 000000		SN#: 441205	
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 (ppt)		Resistivity (ohm-cm)	Water Density (g/cm3)		Barometric
Pressure (PSI)					
-----	-----	-----	-----	-----	-----
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1/12/2017 12:00:00 AM	7200.000	118.615	19.236		
270.360	34393.910	38649.266	24.813		
26.282	29.075	1.017	14.679		
1/12/2017 12:15:00 AM	8100.000	118.611	19.235		
270.351	34376.066	38629.500	24.799		
26.268	29.090	1.017	14.679		
1/12/2017 12:30:00 AM	9000.000	118.621	19.235		
270.375	34374.813	38628.160	24.798		
26.267	29.091	1.017	14.671		
1/12/2017 12:45:00 AM	9900.000	118.619	19.236		
270.368	34388.129	38642.547	24.809		
26.277	29.080	1.017	14.669		
1/12/2017 1:00:00 AM	10800.000	118.630	19.236		
270.394	34387.559	38641.551	24.808		
26.276	29.080	1.017	14.663		
1/12/2017 1:15:00 AM	11700.000	118.635	19.236		
270.405	34389.723	38644.410	24.810		
26.278	29.078	1.017	14.661		
1/12/2017 1:30:00 AM	12600.000	118.632	19.237		
270.399	34411.039	38667.566	24.826		
26.294	29.060	1.017	14.663		
1/12/2017 1:45:00 AM	13500.000	118.647	19.236		
270.433	34409.215	38666.172	24.825		
26.293	29.062	1.017	14.660		
1/12/2017 2:00:00 AM	14400.000	118.645	19.236		
270.429	34403.871	38660.309	24.821		
26.289	29.066	1.017	14.658		
1/12/2017 2:15:00 AM	15300.000	118.635	19.235		

270.406	34391.668	38646.957	24.812
26.280	29.077	1.017	14.663
1/12/2017 2:30:00 AM	16200.000	118.640	19.235
270.418	34402.465	38659.012	24.820
26.288	29.068	1.017	14.668
1/12/2017 2:45:00 AM	17100.000	118.642	19.236
270.421	34389.410	38644.211	24.810
26.278	29.079	1.017	14.665
1/12/2017 3:00:00 AM	18000.000	118.641	19.236
270.419	34388.754	38643.320	24.809
26.277	29.079	1.017	14.667
1/12/2017 3:15:00 AM	18900.000	118.649	19.235
270.439	34402.926	38659.531	24.821
26.288	29.067	1.017	14.659
1/12/2017 3:30:00 AM	19800.000	118.647	19.235
270.434	34375.730	38629.121	24.799
26.268	29.090	1.017	14.654
1/12/2017 3:45:00 AM	20700.000	118.641	19.235
270.420	34366.965	38619.273	24.792
26.261	29.098	1.017	14.666
1/12/2017 4:00:00 AM	21600.000	118.648	19.235
270.435	34382.270	38636.395	24.804
26.273	29.085	1.017	14.655
1/12/2017 4:15:00 AM	22500.000	118.650	19.235
270.439	34390.957	38646.523	24.811
26.280	29.077	1.017	14.657
1/12/2017 4:30:00 AM	23400.000	118.646	19.235
270.431	34388.336	38643.137	24.809
26.277	29.080	1.017	14.656
1/12/2017 4:45:00 AM	24300.000	118.657	19.235
270.456	34362.961	38614.621	24.789
26.258	29.101	1.017	14.651
1/12/2017 5:00:00 AM	25200.000	118.652	19.236
270.445	34415.309	38673.313	24.830
26.298	29.057	1.017	14.651
1/12/2017 5:15:00 AM	26100.000	118.648	19.235
270.435	34401.016	38657.980	24.820
26.287	29.069	1.017	14.654
1/12/2017 5:30:00 AM	27000.000	118.658	19.236
270.458	34361.613	38612.605	24.787
26.257	29.102	1.017	14.651
1/12/2017 5:45:00 AM	27900.000	118.672	19.235
270.490	34405.305	38662.426	24.823
26.290	29.065	1.017	14.648
1/12/2017 6:00:00 AM	28800.000	118.661	19.236
270.465	34386.520	38640.668	24.807
26.276	29.081	1.017	14.656
1/12/2017 6:15:00 AM	29700.000	118.662	19.235
270.467	34392.824	38648.332	24.813
26.281	29.076	1.017	14.657
1/12/2017 6:30:00 AM	30600.000	118.682	19.236
270.514	34386.625	38640.574	24.807
26.276	29.081	1.017	14.650
1/12/2017 6:45:00 AM	31500.000	118.675	19.236
270.496	34378.199	38631.543	24.801
26.269	29.088	1.017	14.658

1/12/2017 7:00:00 AM	32400.000	118.680	19.235
270.509	34409.523	38667.242	24.826
26.294	29.062	1.017	14.663
1/12/2017 7:15:00 AM	33300.000	118.694	19.235
270.540	34390.668	38646.055	24.811
26.279	29.078	1.017	14.660
1/12/2017 7:30:00 AM	34200.000	118.702	19.235
270.559	34386.910	38641.609	24.808
26.276	29.081	1.017	14.668
1/12/2017 7:45:00 AM	35100.000	118.700	19.236
270.554	34381.770	38635.555	24.804
26.272	29.085	1.017	14.676
1/12/2017 8:00:00 AM	36000.000	118.723	19.235
270.606	34366.152	38618.359	24.791
26.260	29.098	1.017	14.675
1/12/2017 8:15:00 AM	36900.000	118.722	19.236
270.604	34369.469	38621.648	24.794
26.263	29.096	1.017	14.682
1/12/2017 8:30:00 AM	37800.000	118.726	19.236
270.614	34377.410	38630.000	24.800
26.268	29.089	1.017	14.690
1/12/2017 8:45:00 AM	38700.000	118.733	19.236
270.629	34376.637	38629.059	24.799
26.268	29.090	1.017	14.690
1/12/2017 9:00:00 AM	39600.000	118.748	19.237
270.664	34397.789	38652.750	24.816
26.284	29.072	1.017	14.702
1/12/2017 9:15:00 AM	40500.000	118.758	19.236
270.685	34396.477	38651.859	24.815
26.283	29.073	1.017	14.693
1/12/2017 9:30:00 AM	41400.000	118.773	19.236
270.720	34376.605	38629.246	24.799
26.268	29.090	1.017	14.694
1/12/2017 9:45:00 AM	42300.000	118.773	19.236
270.720	34400.219	38656.355	24.818
26.286	29.070	1.017	14.710
1/12/2017 10:00:00 AM	43200.000	118.789	19.236
270.757	34409.031	38666.105	24.825
26.293	29.062	1.017	14.705
1/12/2017 10:15:00 AM	44100.000	118.786	19.235
270.751	34410.117	38667.613	24.826
26.294	29.061	1.017	14.706
1/12/2017 10:30:00 AM	45000.000	118.795	19.236
270.770	34397.793	38653.559	24.816
26.284	29.072	1.017	14.706
1/12/2017 10:45:00 AM	45900.000	118.796	19.236
270.773	34394.543	38649.609	24.814
26.282	29.074	1.017	14.711
1/12/2017 11:00:00 AM	46800.000	118.814	19.236
270.814	34380.301	38633.398	24.802
26.271	29.086	1.017	14.705
1/12/2017 11:15:00 AM	47700.000	118.810	19.236
270.806	34388.039	38642.016	24.808
26.277	29.080	1.017	14.704
1/12/2017 11:30:00 AM	48600.000	118.813	19.236
270.812	34369.586	38621.863	24.794

26.263	29.095	1.017	14.712
1/12/2017 11:45:00 AM	49500.000	118.811	19.236
270.808	34397.871	38653.141	24.816
26.284	29.072	1.017	14.705
1/12/2017 12:00:00 PM	50400.000	118.813	19.236
270.811	34398.590	38653.875	24.817
26.285	29.071	1.017	14.703
1/12/2017 12:15:00 PM	51300.000	118.814	19.236
270.814	34413.633	38670.852	24.829
26.296	29.058	1.017	14.701
1/12/2017 12:30:00 PM	52200.000	118.811	19.236
270.808	34387.336	38641.371	24.808
26.276	29.080	1.017	14.701
1/12/2017 12:45:00 PM	53100.000	118.811	19.236
270.806	34364.434	38615.922	24.790
26.259	29.100	1.017	14.695
1/12/2017 1:00:00 PM	54000.000	118.810	19.235
270.804	34396.879	38652.887	24.816
26.284	29.072	1.017	14.697
1/12/2017 1:15:00 PM	54900.000	118.803	19.235
270.788	34388.813	38643.672	24.809
26.278	29.079	1.017	14.699
1/12/2017 1:30:00 PM	55800.000	118.795	19.236
270.770	34397.898	38653.750	24.817
26.285	29.072	1.017	14.694
1/12/2017 1:45:00 PM	56700.000	118.782	19.236
270.740	34355.332	38605.410	24.782
26.252	29.108	1.017	14.697
1/12/2017 2:00:00 PM	57600.000	118.781	19.235
270.738	34395.945	38651.688	24.815
26.283	29.073	1.017	14.699
1/12/2017 2:15:00 PM	58500.000	118.770	19.236
270.713	34377.520	38630.406	24.800
26.269	29.089	1.017	14.692
1/12/2017 2:30:00 PM	59400.000	118.757	19.235
270.684	34364.930	38617.344	24.791
26.260	29.099	1.017	14.698
1/12/2017 2:45:00 PM	60300.000	118.751	19.235
270.670	34374.555	38627.945	24.798
26.267	29.091	1.017	14.695
1/12/2017 3:00:00 PM	61200.000	118.728	19.235
270.618	34374.930	38628.223	24.798
26.267	29.091	1.017	14.701
1/12/2017 3:15:00 PM	62100.000	118.717	19.235
270.592	34388.289	38643.160	24.809
26.277	29.080	1.017	14.703
1/12/2017 3:30:00 PM	63000.000	118.708	19.235
270.572	34374.332	38627.621	24.798
26.267	29.091	1.017	14.701
1/12/2017 3:45:00 PM	63900.000	118.696	19.235
270.545	34368.254	38620.723	24.793
26.262	29.097	1.017	14.704
1/12/2017 4:00:00 PM	64800.000	118.684	19.235
270.518	34384.887	38639.195	24.806
26.275	29.083	1.017	14.707
1/12/2017 4:15:00 PM	65700.000	118.672	19.235

270.490	34352.609	38603.211	24.781
26.250	29.110	1.017	14.706
1/12/2017 4:30:00 PM	66600.000	118.657	19.235
270.455	34380.961	38635.289	24.803
26.272	29.086	1.017	14.710
1/12/2017 4:45:00 PM	67500.000	118.656	19.235
270.455	34385.883	38640.531	24.807
26.276	29.082	1.017	14.705
1/12/2017 5:00:00 PM	68400.000	118.622	19.235
270.377	34377.809	38631.816	24.801
26.270	29.089	1.017	14.706
1/12/2017 5:15:00 PM	69300.000	118.618	19.234
270.368	34370.410	38623.797	24.795
26.264	29.095	1.017	14.713
1/12/2017 5:30:00 PM	70200.000	118.616	19.235
270.363	34364.313	38616.805	24.790
26.259	29.100	1.017	14.701
1/12/2017 5:45:00 PM	71100.000	118.591	19.234
270.305	34401.031	38658.129	24.820
26.288	29.069	1.017	14.712
1/12/2017 6:00:00 PM	72000.000	118.585	19.235
270.291	34371.441	38624.816	24.796
26.265	29.094	1.017	14.705
1/12/2017 6:15:00 PM	72900.000	118.570	19.235
270.257	34366.254	38618.984	24.792
26.261	29.098	1.017	14.718
1/12/2017 6:30:00 PM	73800.000	118.577	19.235
270.273	34389.133	38644.543	24.810
26.278	29.079	1.017	14.710
1/12/2017 6:45:00 PM	74700.000	118.562	19.235
270.239	34362.398	38614.066	24.788
26.258	29.102	1.017	14.719
1/12/2017 7:00:00 PM	75600.000	118.554	19.236
270.222	34381.523	38634.980	24.803
26.272	29.085	1.017	14.725
1/12/2017 7:15:00 PM	76500.000	118.552	19.236
270.218	34375.684	38628.785	24.799
26.268	29.090	1.017	14.725
1/12/2017 7:30:00 PM	77400.000	118.544	19.236
270.198	34336.309	38584.246	24.767
26.237	29.124	1.017	14.726
1/12/2017 7:45:00 PM	78300.000	118.536	19.236
270.180	34367.285	38618.840	24.792
26.261	29.097	1.017	14.731
1/12/2017 8:00:00 PM	79200.000	118.532	19.236
270.171	34359.715	38610.547	24.786
26.255	29.104	1.017	14.735
1/12/2017 8:15:00 PM	80100.000	118.544	19.236
270.198	34335.461	38582.859	24.766
26.236	29.124	1.017	14.734
1/12/2017 8:30:00 PM	81000.000	118.536	19.236
270.181	34367.641	38619.242	24.792
26.261	29.097	1.017	14.740
1/12/2017 8:45:00 PM	81900.000	118.539	19.236
270.187	34357.113	38607.551	24.784
26.253	29.106	1.017	14.741

1/12/2017 9:00:00 PM	82800.000	118.554	19.236
270.222	34382.645	38636.102	24.804
26.273	29.084	1.017	14.733
1/12/2017 9:15:00 PM	83700.000	118.545	19.235
270.201	34341.941	38591.000	24.772
26.242	29.119	1.017	14.736
1/12/2017 9:30:00 PM	84600.000	118.552	19.236
270.216	34370.039	38622.371	24.794
26.263	29.095	1.017	14.744
1/12/2017 9:45:00 PM	85500.000	118.565	19.235
270.246	34354.609	38605.313	24.782
26.252	29.108	1.017	14.741
1/12/2017 10:00:00 PM	86400.000	118.557	19.235
270.227	34380.090	38634.242	24.803
26.271	29.087	1.017	14.740
1/12/2017 10:15:00 PM	87300.000	118.552	19.235
270.216	34391.434	38647.129	24.812
26.280	29.077	1.017	14.751
1/12/2017 10:30:00 PM	88200.000	118.565	19.235
270.247	34380.883	38634.699	24.803
26.272	29.086	1.017	14.749
1/12/2017 10:45:00 PM	89100.000	118.569	19.236
270.255	34395.406	38650.152	24.814
26.282	29.074	1.017	14.747
1/12/2017 11:00:00 PM	90000.000	118.570	19.236
270.258	34393.262	38648.387	24.813
26.281	29.075	1.017	14.754
1/12/2017 11:15:00 PM	90900.000	118.576	19.235
270.272	34367.145	38619.473	24.792
26.261	29.098	1.017	14.755
1/12/2017 11:30:00 PM	91800.000	118.585	19.235
270.292	34391.512	38646.703	24.812
26.280	29.077	1.017	14.752
1/12/2017 11:45:00 PM	92700.000	118.600	19.236
270.325	34397.699	38653.453	24.816
26.284	29.072	1.017	14.750
1/13/2017 12:00:00 AM	93600.000	118.604	19.235
270.335	34394.340	38650.105	24.814
26.282	29.075	1.017	14.752
1/13/2017 12:15:00 AM	94500.000	118.605	19.236
270.336	34376.234	38629.406	24.799
26.268	29.090	1.017	14.756
1/13/2017 12:30:00 AM	95400.000	118.614	19.236
270.357	34390.039	38644.918	24.810
26.279	29.078	1.017	14.751
1/13/2017 12:45:00 AM	96300.000	118.623	19.235
270.378	34395.359	38650.965	24.815
26.283	29.074	1.017	14.747
1/13/2017 1:00:00 AM	97200.000	118.617	19.236
270.364	34372.035	38624.688	24.796
26.265	29.093	1.017	14.754
1/13/2017 1:15:00 AM	98100.000	118.620	19.235
270.371	34383.402	38637.742	24.805
26.274	29.084	1.017	14.759
1/13/2017 1:30:00 AM	99000.000	118.637	19.235
270.411	34370.750	38623.375	24.795

26.264	29.095	1.017	14.753
1/13/2017 1:45:00 AM	99900.000	118.636	19.235
270.408	34376.461	38629.945	24.800
26.268	29.090	1.017	14.760
1/13/2017 2:00:00 AM	100800.000	118.629	19.236
270.393	34400.402	38656.410	24.818
26.286	29.069	1.017	14.762
1/13/2017 2:15:00 AM	101700.000	118.639	19.235
270.415	34381.297	38635.598	24.804
26.272	29.086	1.017	14.762
1/13/2017 2:30:00 AM	102600.000	118.643	19.236
270.424	34383.023	38636.742	24.804
26.273	29.084	1.017	14.755
1/13/2017 2:45:00 AM	103500.000	118.640	19.236
270.417	34398.859	38654.828	24.817
26.285	29.071	1.017	14.762
1/13/2017 3:00:00 AM	104400.000	118.636	19.236
270.409	34385.996	38639.867	24.807
26.275	29.082	1.017	14.771
1/13/2017 3:15:00 AM	105300.000	118.621	19.236
270.373	34377.773	38630.691	24.800
26.269	29.089	1.017	14.771
1/13/2017 3:30:00 AM	106200.000	118.620	19.235
270.373	34367.844	38620.551	24.793
26.262	29.097	1.017	14.767
1/13/2017 3:45:00 AM	107100.000	118.624	19.235
270.380	34372.512	38625.352	24.796
26.265	29.093	1.017	14.774
1/13/2017 4:00:00 AM	108000.000	118.622	19.235
270.377	34362.902	38614.852	24.789
26.258	29.101	1.017	14.773
1/13/2017 4:15:00 AM	108900.000	118.626	19.236
270.384	34371.250	38623.734	24.795
26.264	29.094	1.017	14.772
1/13/2017 4:30:00 AM	109800.000	118.633	19.235
270.400	34382.035	38636.496	24.804
26.273	29.085	1.017	14.770
1/13/2017 4:45:00 AM	110700.000	118.628	19.236
270.389	34384.281	38637.871	24.805
26.274	29.083	1.017	14.772
1/13/2017 5:00:00 AM	111600.000	118.626	19.236
270.386	34401.016	38657.027	24.819
26.287	29.069	1.017	14.776
1/13/2017 5:15:00 AM	112500.000	118.621	19.235
270.373	34368.254	38620.508	24.793
26.262	29.097	1.017	14.783
1/13/2017 5:30:00 AM	113400.000	118.614	19.235
270.358	34368.441	38621.152	24.793
26.262	29.096	1.017	14.778
1/13/2017 5:45:00 AM	114300.000	118.622	19.236
270.376	34378.805	38632.293	24.801
26.270	29.088	1.017	14.776
1/13/2017 6:00:00 AM	115200.000	118.617	19.235
270.364	34390.699	38646.234	24.811
26.279	29.078	1.017	14.784
1/13/2017 6:15:00 AM	116100.000	118.625	19.235

270.384	34390.008	38644.953	24.810
26.279	29.078	1.017	14.777
1/13/2017 6:30:00 AM	117000.000	118.621	19.235
270.373	34387.766	38642.793	24.809
26.277	29.080	1.017	14.780
1/13/2017 6:45:00 AM	117900.000	118.618	19.235
270.367	34389.840	38644.762	24.810
26.278	29.078	1.017	14.788
1/13/2017 7:00:00 AM	118800.000	118.627	19.237
270.387	34364.113	38614.766	24.789
26.258	29.100	1.017	14.789
1/13/2017 7:15:00 AM	119700.000	118.629	19.236
270.392	34388.992	38643.672	24.809
26.278	29.079	1.017	14.789
1/13/2017 7:30:00 AM	120600.000	118.641	19.236
270.419	34373.758	38626.469	24.797
26.266	29.092	1.017	14.791
1/13/2017 7:45:00 AM	121500.000	118.679	19.235
270.505	34372.473	38625.605	24.797
26.265	29.093	1.017	14.798
1/13/2017 8:00:00 AM	122400.000	118.654	19.236
270.449	34382.180	38635.934	24.804
26.272	29.085	1.017	14.793
1/13/2017 8:15:00 AM	123300.000	118.660	19.235
270.463	34402.078	38658.516	24.820
26.288	29.068	1.017	14.798
1/13/2017 8:30:00 AM	124200.000	118.663	19.236
270.470	34362.148	38613.422	24.788
26.257	29.102	1.017	14.803
1/13/2017 8:45:00 AM	125100.000	118.665	19.236
270.473	34382.438	38635.934	24.804
26.272	29.085	1.017	14.805
1/13/2017 9:00:00 AM	126000.000	118.672	19.236
270.489	34395.215	38650.367	24.814
26.282	29.074	1.017	14.806
1/13/2017 9:15:00 AM	126900.000	118.678	19.236
270.503	34391.074	38646.082	24.811
26.279	29.077	1.017	14.815
1/13/2017 9:30:00 AM	127800.000	118.678	19.236
270.504	34378.168	38630.926	24.800
26.269	29.088	1.017	14.812
1/13/2017 9:45:00 AM	128700.000	118.696	19.236
270.546	34377.023	38629.641	24.799
26.268	29.089	1.017	14.816
1/13/2017 10:00:00 AM	129600.000	118.708	19.236
270.573	34368.035	38619.969	24.793
26.262	29.097	1.017	14.818
1/13/2017 10:15:00 AM	130500.000	118.713	19.236
270.585	34379.684	38632.836	24.802
26.270	29.087	1.017	14.821
1/13/2017 10:30:00 AM	131400.000	118.709	19.236
270.574	34383.777	38637.656	24.805
26.274	29.083	1.017	14.826
1/13/2017 10:45:00 AM	132300.000	118.728	19.235
270.617	34392.727	38648.070	24.813
26.281	29.076	1.017	14.824

1/13/2017 11:00:00 AM	133200.000	118.739	19.236
270.642	34376.391	38629.289	24.799
26.268	29.090	1.017	14.822
1/13/2017 11:15:00 AM	134100.000	118.734	19.236
270.631	34397.051	38652.645	24.816
26.284	29.072	1.017	14.825
1/13/2017 11:30:00 AM	135000.000	118.745	19.236
270.657	34376.512	38629.563	24.799
26.268	29.090	1.017	14.817
1/13/2017 11:45:00 AM	135900.000	118.764	19.236
270.699	34378.988	38631.922	24.801
26.270	29.088	1.017	14.815
1/13/2017 12:00:00 PM	136800.000	118.755	19.237
270.678	34372.223	38623.879	24.795
26.264	29.093	1.017	14.816
1/13/2017 12:15:00 PM	137700.000	118.765	19.236
270.701	34386.918	38641.410	24.808
26.276	29.081	1.017	14.814
1/13/2017 12:30:00 PM	138600.000	118.773	19.235
270.720	34373.102	38625.953	24.797
26.266	29.093	1.017	14.801
1/13/2017 12:45:00 PM	139500.000	118.761	19.236
270.693	34417.027	38675.176	24.832
26.299	29.055	1.017	14.804
1/13/2017 1:00:00 PM	140400.000	118.769	19.235
270.711	34380.992	38634.883	24.803
26.272	29.086	1.017	14.804
1/13/2017 1:15:00 PM	141300.000	118.767	19.235
270.706	34386.730	38641.844	24.808
26.276	29.081	1.017	14.802
1/13/2017 1:30:00 PM	142200.000	118.765	19.236
270.703	34369.410	38621.512	24.794
26.263	29.096	1.017	14.802
1/13/2017 1:45:00 PM	143100.000	118.747	19.235
270.662	34387.363	38642.195	24.808
26.277	29.080	1.017	14.805
1/13/2017 2:00:00 PM	144000.000	118.755	19.235
270.680	34394.992	38650.555	24.814
26.282	29.074	1.017	14.799
1/13/2017 2:15:00 PM	144900.000	118.740	19.236
270.644	34374.391	38627.332	24.798
26.267	29.091	1.017	14.807
1/13/2017 2:30:00 PM	145800.000	118.742	19.235
270.649	34397.102	38653.359	24.816
26.284	29.072	1.017	14.807
1/13/2017 2:45:00 PM	146700.000	118.727	19.235
270.616	34385.508	38640.551	24.807
26.276	29.082	1.017	14.808
1/13/2017 3:00:00 PM	147600.000	118.723	19.235
270.606	34365.113	38617.262	24.791
26.260	29.099	1.017	14.808
1/13/2017 3:15:00 PM	148500.000	118.719	19.235
270.596	34378.742	38632.652	24.802
26.270	29.088	1.017	14.809
1/13/2017 3:30:00 PM	149400.000	118.694	19.235
270.540	34379.180	38632.922	24.802

26.270	29.087	1.017	14.805
1/13/2017 3:45:00 PM	150300.000	118.674	19.235
270.494	34371.348	38624.121	24.796
26.264	29.094	1.017	14.813
1/13/2017 4:00:00 PM	151200.000	118.681	19.235
270.511	34372.277	38625.754	24.797
26.266	29.093	1.017	14.802
1/13/2017 4:15:00 PM	152100.000	118.675	19.235
270.498	34345.410	38595.270	24.775
26.245	29.116	1.017	14.797
1/13/2017 4:30:00 PM	153000.000	118.642	19.234
270.423	34345.727	38595.980	24.775
26.245	29.116	1.017	14.804
1/13/2017 4:45:00 PM	153900.000	118.645	19.234
270.429	34364.031	38616.551	24.790
26.259	29.100	1.017	14.801
1/13/2017 5:00:00 PM	154800.000	118.618	19.234
270.367	34368.352	38621.406	24.794
26.263	29.097	1.017	14.803
1/13/2017 5:15:00 PM	155700.000	118.615	19.235
270.360	34369.234	38621.824	24.794
26.263	29.096	1.017	14.795
1/13/2017 5:30:00 PM	156600.000	118.597	19.235
270.318	34393.578	38649.250	24.813
26.281	29.075	1.017	14.801
1/13/2017 5:45:00 PM	157500.000	118.585	19.235
270.292	34358.367	38609.680	24.785
26.255	29.105	1.017	14.809
1/13/2017 6:00:00 PM	158400.000	118.577	19.235
270.275	34384.465	38639.008	24.806
26.275	29.083	1.017	14.807
1/13/2017 6:15:00 PM	159300.000	118.554	19.235
270.222	34370.078	38622.770	24.795
26.263	29.095	1.017	14.808
1/13/2017 6:30:00 PM	160200.000	118.555	19.236
270.224	34355.801	38606.289	24.783
26.252	29.107	1.017	14.801
1/13/2017 6:45:00 PM	161100.000	118.548	19.235
270.208	34364.281	38616.184	24.790
26.259	29.100	1.017	14.799
1/13/2017 7:00:00 PM	162000.000	118.533	19.236
270.172	34336.625	38584.895	24.768
26.238	29.123	1.017	14.812
1/13/2017 7:15:00 PM	162900.000	118.533	19.236
270.173	34335.219	38583.246	24.766
26.237	29.125	1.017	14.811
1/13/2017 7:30:00 PM	163800.000	118.525	19.236
270.156	34338.371	38586.281	24.769
26.239	29.122	1.017	14.806
1/13/2017 7:45:00 PM	164700.000	118.505	19.235
270.110	34340.906	38589.988	24.771
26.241	29.120	1.017	14.811
1/13/2017 8:00:00 PM	165600.000	118.500	19.235
270.099	34352.738	38603.133	24.781
26.250	29.110	1.017	14.817
1/13/2017 8:15:00 PM	166500.000	118.511	19.236

270.123	34337.371	38585.008	24.768
26.238	29.123	1.017	14.810
1/13/2017 8:30:00 PM	167400.000	118.507	19.236
270.114	34337.434	38585.227	24.768
26.238	29.123	1.017	14.819
1/13/2017 8:45:00 PM	168300.000	118.495	19.236
270.086	34351.391	38600.910	24.779
26.249	29.111	1.017	14.824
1/13/2017 9:00:00 PM	169200.000	118.494	19.236
270.085	34319.332	38565.020	24.754
26.224	29.138	1.017	14.830
1/13/2017 9:15:00 PM	170100.000	118.499	19.235
270.096	34351.734	38601.941	24.780
26.249	29.111	1.017	14.833
1/13/2017 9:30:00 PM	171000.000	118.494	19.236
270.084	34363.781	38615.188	24.789
26.258	29.100	1.017	14.830
1/13/2017 9:45:00 PM	171900.000	118.500	19.235
270.099	34372.277	38625.090	24.796
26.265	29.093	1.017	14.834
1/13/2017 10:00:00 PM	172800.000	118.511	19.235
270.123	34365.133	38617.504	24.791
26.260	29.099	1.017	14.836
1/13/2017 10:15:00 PM	173700.000	118.523	19.236
270.151	34353.609	38603.688	24.781
26.251	29.109	1.017	14.831
1/13/2017 10:30:00 PM	174600.000	118.519	19.235
270.141	34361.281	38612.734	24.787
26.257	29.103	1.017	14.836
1/13/2017 10:45:00 PM	175500.000	118.528	19.235
270.163	34379.219	38632.828	24.802
26.270	29.087	1.017	14.835
1/13/2017 11:00:00 PM	176400.000	118.526	19.235
270.158	34356.992	38607.852	24.784
26.253	29.106	1.017	14.832
1/13/2017 11:15:00 PM	177300.000	118.529	19.235
270.163	34398.004	38654.371	24.817
26.285	29.071	1.017	14.833
1/13/2017 11:30:00 PM	178200.000	118.535	19.236
270.179	34368.164	38620.184	24.793
26.262	29.097	1.017	14.836
1/13/2017 11:45:00 PM	179100.000	118.548	19.236
270.207	34384.660	38638.719	24.806
26.274	29.083	1.017	14.833
1/14/2017 12:00:00 AM	180000.000	118.563	19.236
270.241	34366.844	38618.629	24.792
26.261	29.098	1.017	14.828
1/14/2017 12:15:00 AM	180900.000	118.556	19.235
270.225	34365.434	38617.621	24.791
26.260	29.099	1.017	14.831
1/14/2017 12:30:00 AM	181800.000	118.567	19.235
270.250	34383.176	38637.273	24.805
26.273	29.084	1.017	14.834
1/14/2017 12:45:00 AM	182700.000	118.578	19.236
270.276	34365.809	38617.617	24.791
26.260	29.099	1.017	14.829

1/14/2017 1:00:00 AM	183600.000	118.577	19.235
270.274	34376.996	38630.836	24.800
26.269	29.089	1.017	14.834
1/14/2017 1:15:00 AM	184500.000	118.588	19.235
270.298	34384.887	38639.703	24.807
26.275	29.083	1.017	14.830
1/14/2017 1:30:00 AM	185400.000	118.618	19.235
270.368	34387.602	38642.309	24.808
26.277	29.080	1.017	14.824
1/14/2017 1:45:00 AM	186300.000	118.598	19.235
270.321	34387.668	38642.383	24.808
26.277	29.080	1.017	14.831
1/14/2017 2:00:00 AM	187200.000	118.593	19.236
270.310	34369.039	38621.320	24.794
26.262	29.096	1.017	14.830
1/14/2017 2:15:00 AM	188100.000	118.606	19.235
270.340	34374.629	38628.031	24.798
26.267	29.091	1.017	14.828
1/14/2017 2:30:00 AM	189000.000	118.607	19.235
270.342	34350.668	38600.883	24.779
26.249	29.112	1.017	14.828
1/14/2017 2:45:00 AM	189900.000	118.604	19.235
270.335	34372.613	38625.621	24.797
26.265	29.093	1.017	14.832
1/14/2017 3:00:00 AM	190800.000	118.601	19.235
270.328	34381.805	38636.238	24.804
26.273	29.085	1.017	14.830
1/14/2017 3:15:00 AM	191700.000	118.602	19.235
270.331	34369.473	38622.309	24.794
26.263	29.096	1.017	14.839
1/14/2017 3:30:00 AM	192600.000	118.614	19.235
270.357	34375.297	38628.707	24.799
26.268	29.091	1.017	14.825
1/14/2017 3:45:00 AM	193500.000	118.602	19.235
270.332	34392.246	38648.195	24.813
26.281	29.076	1.017	14.829
1/14/2017 4:00:00 AM	194400.000	118.611	19.235
270.352	34367.594	38619.980	24.793
26.262	29.097	1.017	14.828
1/14/2017 4:15:00 AM	195300.000	118.606	19.235
270.340	34356.145	38607.113	24.783
26.253	29.107	1.017	14.832
1/14/2017 4:30:00 AM	196200.000	118.610	19.236
270.348	34377.301	38630.449	24.800
26.269	29.089	1.017	14.840
1/14/2017 4:45:00 AM	197100.000	118.605	19.235
270.338	34374.891	38628.027	24.798
26.267	29.091	1.017	14.829
1/14/2017 5:00:00 AM	198000.000	118.601	19.236
270.329	34384.176	38637.887	24.805
26.274	29.083	1.017	14.837
1/14/2017 5:15:00 AM	198900.000	118.611	19.235
270.350	34373.078	38626.500	24.797
26.266	29.093	1.017	14.824
1/14/2017 5:30:00 AM	199800.000	118.591	19.235
270.305	34387.387	38642.223	24.808

26.277	29.080	1.017	14.838
1/14/2017 5:45:00 AM	200700.000	118.604	19.235
270.336	34360.395	38611.961	24.787
26.256	29.103	1.017	14.825
1/14/2017 6:00:00 AM	201600.000	118.602	19.236
270.331	34368.914	38621.180	24.793
26.262	29.096	1.017	14.827
1/14/2017 6:15:00 AM	202500.000	118.598	19.235
270.322	34366.250	38618.395	24.791
26.261	29.098	1.017	14.826
1/14/2017 6:30:00 AM	203400.000	118.599	19.236
270.323	34396.168	38651.652	24.815
26.283	29.073	1.017	14.827
1/14/2017 6:45:00 AM	204300.000	118.606	19.235
270.339	34370.727	38623.285	24.795
26.264	29.095	1.017	14.822
1/14/2017 7:00:00 AM	205200.000	118.596	19.235
270.316	34377.109	38630.891	24.800
26.269	29.089	1.017	14.832
1/14/2017 7:15:00 AM	206100.000	118.601	19.235
270.328	34386.387	38641.539	24.808
26.276	29.081	1.017	14.830
1/14/2017 7:30:00 AM	207000.000	118.598	19.235
270.322	34395.793	38651.738	24.815
26.283	29.073	1.017	14.829
1/14/2017 7:45:00 AM	207900.000	118.600	19.236
270.327	34374.270	38627.043	24.798
26.266	29.092	1.017	14.827
1/14/2017 8:00:00 AM	208800.000	118.609	19.236
270.346	34365.898	38617.496	24.791
26.260	29.099	1.017	14.829
1/14/2017 8:15:00 AM	209700.000	118.616	19.236
270.362	34377.051	38630.250	24.800
26.269	29.089	1.017	14.826
1/14/2017 8:30:00 AM	210600.000	118.618	19.236
270.367	34368.012	38619.797	24.792
26.261	29.097	1.017	14.832
1/14/2017 8:45:00 AM	211500.000	118.616	19.236
270.362	34382.848	38636.328	24.804
26.273	29.084	1.017	14.835
1/14/2017 9:00:00 AM	212400.000	118.624	19.236
270.382	34368.168	38620.117	24.793
26.262	29.097	1.017	14.838
1/14/2017 9:15:00 AM	213300.000	118.627	19.236
270.388	34362.961	38614.266	24.789
26.258	29.101	1.017	14.838
1/14/2017 9:30:00 AM	214200.000	118.639	19.236
270.414	34375.078	38627.813	24.798
26.267	29.091	1.017	14.843
1/14/2017 9:45:00 AM	215100.000	118.647	19.236
270.433	34385.102	38638.793	24.806
26.274	29.082	1.017	14.843
1/14/2017 10:00:00 AM	216000.000	118.647	19.235
270.432	34362.590	38614.281	24.789
26.258	29.101	1.017	14.844
1/14/2017 10:15:00 AM	216900.000	118.661	19.235

270.465	34388.168	38643.098	24.809
26.277	29.080	1.017	14.834
1/14/2017 10:30:00 AM	217800.000	118.681	19.235
270.512	34370.598	38623.355	24.795
26.264	29.095	1.017	14.833
1/14/2017 10:45:00 AM	218700.000	118.683	19.236
270.515	34386.941	38641.145	24.808
26.276	29.081	1.017	14.831
1/14/2017 11:00:00 AM	219600.000	118.697	19.235
270.547	34360.176	38611.492	24.787
26.256	29.103	1.017	14.828
1/14/2017 11:15:00 AM	220500.000	118.690	19.236
270.530	34378.582	38632.043	24.801
26.270	29.088	1.017	14.828
1/14/2017 11:30:00 AM	221400.000	118.703	19.236
270.560	34399.574	38655.125	24.818
26.285	29.070	1.017	14.827
1/14/2017 11:45:00 AM	222300.000	118.713	19.235
270.583	34374.793	38627.996	24.798
26.267	29.091	1.017	14.814
1/14/2017 12:00:00 PM	223200.000	118.713	19.235
270.585	34376.984	38630.316	24.800
26.269	29.089	1.017	14.818
1/14/2017 12:15:00 PM	224100.000	118.716	19.236
270.591	34383.152	38636.734	24.804
26.273	29.084	1.017	14.811
1/14/2017 12:30:00 PM	225000.000	118.726	19.235
270.614	34389.461	38644.336	24.810
26.278	29.079	1.017	14.810
1/14/2017 12:45:00 PM	225900.000	118.723	19.236
270.607	34366.816	38618.246	24.791
26.260	29.098	1.017	14.803
1/14/2017 1:00:00 PM	226800.000	118.740	19.236
270.645	34384.320	38638.422	24.806
26.274	29.083	1.017	14.801
1/14/2017 1:15:00 PM	227700.000	118.742	19.236
270.651	34366.309	38618.027	24.791
26.260	29.098	1.017	14.793
1/14/2017 1:30:00 PM	228600.000	118.738	19.236
270.639	34367.027	38618.617	24.792
26.261	29.098	1.017	14.794
1/14/2017 1:45:00 PM	229500.000	118.735	19.236
270.634	34396.262	38651.840	24.815
26.283	29.073	1.017	14.792
1/14/2017 2:00:00 PM	230400.000	118.740	19.235
270.644	34372.074	38624.863	24.796
26.265	29.093	1.017	14.795
1/14/2017 2:15:00 PM	231300.000	118.743	19.236
270.651	34357.488	38608.117	24.784
26.254	29.106	1.017	14.794
1/14/2017 2:30:00 PM	232200.000	118.736	19.235
270.636	34378.969	38633.203	24.802
26.271	29.088	1.017	14.799
1/14/2017 2:45:00 PM	233100.000	118.722	19.235
270.603	34392.660	38648.070	24.813
26.281	29.076	1.017	14.801

1/14/2017 3:00:00 PM	234000.000	118.729	19.236
270.621	34364.559	38616.285	24.790
26.259	29.100	1.017	14.793
1/14/2017 3:15:00 PM	234900.000	118.723	19.235
270.606	34349.730	38600.125	24.778
26.248	29.112	1.017	14.785
1/14/2017 3:30:00 PM	235800.000	118.715	19.235
270.589	34381.652	38635.563	24.804
26.272	29.085	1.017	14.794
1/14/2017 3:45:00 PM	236700.000	118.695	19.235
270.542	34373.738	38626.809	24.797
26.266	29.092	1.017	14.794
1/14/2017 4:00:00 PM	237600.000	118.693	19.235
270.538	34372.207	38625.309	24.796
26.265	29.093	1.017	14.797
1/14/2017 4:15:00 PM	238500.000	118.676	19.235
270.500	34369.008	38621.566	24.794
26.263	29.096	1.017	14.796
1/14/2017 4:30:00 PM	239400.000	118.653	19.236
270.447	34356.430	38607.078	24.783
26.253	29.107	1.017	14.805
1/14/2017 4:45:00 PM	240300.000	118.659	19.235
270.460	34367.816	38620.449	24.793
26.262	29.097	1.017	14.800
1/14/2017 5:00:00 PM	241200.000	118.646	19.235
270.431	34357.801	38609.488	24.785
26.254	29.105	1.017	14.804
1/14/2017 5:15:00 PM	242100.000	118.648	19.235
270.435	34371.945	38625.313	24.796
26.265	29.093	1.017	14.794
1/14/2017 5:30:00 PM	243000.000	118.621	19.235
270.375	34362.430	38614.320	24.789
26.258	29.102	1.017	14.795
1/14/2017 5:45:00 PM	243900.000	118.619	19.234
270.368	34368.730	38622.055	24.794
26.263	29.096	1.017	14.791
1/14/2017 6:00:00 PM	244800.000	118.604	19.235
270.334	34363.445	38615.762	24.790
26.259	29.101	1.017	14.797
1/14/2017 6:15:00 PM	245700.000	118.597	19.234
270.318	34367.883	38621.531	24.794
26.263	29.097	1.017	14.801
1/14/2017 6:30:00 PM	246600.000	118.577	19.235
270.274	34361.719	38613.523	24.788
26.257	29.102	1.017	14.795
1/14/2017 6:45:00 PM	247500.000	118.572	19.234
270.262	34349.418	38600.496	24.779
26.248	29.113	1.017	14.800
1/14/2017 7:00:00 PM	248400.000	118.571	19.235
270.260	34342.098	38591.473	24.772
26.242	29.119	1.017	14.791
1/14/2017 7:15:00 PM	249300.000	118.551	19.235
270.214	34360.121	38612.023	24.787
26.256	29.104	1.017	14.793
1/14/2017 7:30:00 PM	250200.000	118.540	19.234
270.190	34336.184	38585.258	24.768

26.238	29.124	1.017	14.796
1/14/2017 7:45:00 PM	251100.000	118.535	19.236
270.178	34367.875	38620.012	24.793
26.262	29.097	1.017	14.792
1/14/2017 8:00:00 PM	252000.000	118.539	19.235
270.187	34352.172	38602.496	24.780
26.250	29.110	1.017	14.793
1/14/2017 8:15:00 PM	252900.000	118.511	19.235
270.123	34374.270	38627.406	24.798
26.267	29.092	1.017	14.805
1/14/2017 8:30:00 PM	253800.000	118.523	19.235
270.151	34352.418	38602.852	24.780
26.250	29.110	1.017	14.792
1/14/2017 8:45:00 PM	254700.000	118.511	19.236
270.123	34369.117	38621.254	24.793
26.262	29.096	1.017	14.797
1/14/2017 9:00:00 PM	255600.000	118.511	19.236
270.124	34335.809	38583.824	24.767
26.237	29.124	1.017	14.791
1/14/2017 9:15:00 PM	256500.000	118.502	19.236
270.102	34327.863	38574.980	24.761
26.231	29.131	1.017	14.800
1/14/2017 9:30:00 PM	257400.000	118.513	19.236
270.127	34343.004	38591.555	24.772
26.242	29.118	1.017	14.793
1/14/2017 9:45:00 PM	258300.000	118.503	19.236
270.105	34351.609	38601.582	24.780
26.249	29.111	1.017	14.794
1/14/2017 10:00:00 PM	259200.000	118.514	19.236
270.131	34343.004	38591.840	24.773
26.242	29.118	1.017	14.792
1/14/2017 10:15:00 PM	260100.000	118.514	19.236
270.129	34361.566	38612.852	24.788
26.257	29.102	1.017	14.792
1/14/2017 10:30:00 PM	261000.000	118.515	19.236
270.132	34346.914	38595.730	24.775
26.245	29.115	1.017	14.794
1/14/2017 10:45:00 PM	261900.000	118.510	19.236
270.122	34351.512	38601.332	24.779
26.249	29.111	1.017	14.797
1/14/2017 11:00:00 PM	262800.000	118.535	19.235
270.177	34382.797	38637.422	24.805
26.273	29.084	1.017	14.791
1/14/2017 11:15:00 PM	263700.000	118.532	19.235
270.170	34352.023	38602.406	24.780
26.250	29.110	1.017	14.795
1/14/2017 11:30:00 PM	264600.000	118.535	19.235
270.177	34362.934	38614.527	24.789
26.258	29.101	1.017	14.796
1/14/2017 11:45:00 PM	265500.000	118.531	19.235
270.169	34352.855	38603.488	24.781
26.250	29.110	1.017	14.802
1/15/2017 12:00:00 AM	266400.000	118.546	19.235
270.203	34365.848	38618.238	24.791
26.260	29.099	1.017	14.797
1/15/2017 12:15:00 AM	267300.000	118.537	19.235

270.182	34362.465	38614.438	24.789
26.258	29.102	1.017	14.799
1/15/2017 12:30:00 AM	268200.000	118.570	19.235
270.257	34376.586	38630.008	24.800
26.268	29.090	1.017	14.796
1/15/2017 12:45:00 AM	269100.000	118.565	19.235
270.246	34364.656	38616.898	24.790
26.259	29.100	1.017	14.790
1/15/2017 1:00:00 AM	270000.000	118.568	19.236
270.254	34404.039	38660.496	24.821
26.289	29.066	1.017	14.793
1/15/2017 1:15:00 AM	270900.000	118.578	19.236
270.275	34383.641	38637.359	24.805
26.273	29.084	1.017	14.794
1/15/2017 1:30:00 AM	271800.000	118.604	19.236
270.335	34376.102	38629.031	24.799
26.268	29.090	1.017	14.786
1/15/2017 1:45:00 AM	272700.000	118.591	19.235
270.305	34356.863	38608.141	24.784
26.254	29.106	1.017	14.793
1/15/2017 2:00:00 AM	273600.000	118.599	19.235
270.325	34373.102	38625.953	24.797
26.266	29.093	1.017	14.794
1/15/2017 2:15:00 AM	274500.000	118.616	19.236
270.362	34378.684	38631.789	24.801
26.270	29.088	1.017	14.786
1/15/2017 2:30:00 AM	275400.000	118.611	19.236
270.350	34375.805	38628.414	24.799
26.267	29.090	1.017	14.796
1/15/2017 2:45:00 AM	276300.000	118.607	19.236
270.341	34373.461	38626.219	24.797
26.266	29.092	1.017	14.800
1/15/2017 3:00:00 AM	277200.000	118.616	19.235
270.363	34379.297	38632.977	24.802
26.270	29.087	1.017	14.793
1/15/2017 3:15:00 AM	278100.000	118.613	19.235
270.356	34372.223	38625.105	24.796
26.265	29.093	1.017	14.798
1/15/2017 3:30:00 AM	279000.000	118.615	19.236
270.361	34361.277	38612.375	24.787
26.256	29.103	1.017	14.794
1/15/2017 3:45:00 AM	279900.000	118.651	19.235
270.442	34351.516	38601.980	24.780
26.249	29.111	1.017	14.792
1/15/2017 4:00:00 AM	280800.000	118.613	19.236
270.355	34369.883	38622.113	24.794
26.263	29.095	1.017	14.798
1/15/2017 4:15:00 AM	281700.000	118.618	19.235
270.367	34368.816	38621.496	24.794
26.263	29.096	1.017	14.798
1/15/2017 4:30:00 AM	282600.000	118.639	19.235
270.415	34364.348	38616.117	24.790
26.259	29.100	1.017	14.788
1/15/2017 4:45:00 AM	283500.000	118.627	19.236
270.387	34361.941	38613.121	24.788
26.257	29.102	1.017	14.791

1/15/2017 5:00:00 AM	284400.000	118.629	19.235
270.393	34357.578	38608.648	24.785
26.254	29.106	1.017	14.787
1/15/2017 5:15:00 AM	285300.000	118.610	19.235
270.350	34353.082	38603.520	24.781
26.250	29.109	1.017	14.792
1/15/2017 5:30:00 AM	286200.000	118.617	19.235
270.365	34369.168	38622.039	24.794
26.263	29.096	1.017	14.790
1/15/2017 5:45:00 AM	287100.000	118.617	19.235
270.364	34361.055	38612.699	24.787
26.257	29.103	1.017	14.792
1/15/2017 6:00:00 AM	288000.000	118.618	19.235
270.368	34360.371	38611.711	24.787
26.256	29.103	1.017	14.786
1/15/2017 6:15:00 AM	288900.000	118.605	19.236
270.337	34383.328	38637.375	24.805
26.273	29.084	1.017	14.793
1/15/2017 6:30:00 AM	289800.000	118.612	19.236
270.354	34355.516	38606.051	24.783
26.252	29.107	1.017	14.792
1/15/2017 6:45:00 AM	290700.000	118.616	19.236
270.363	34365.629	38617.043	24.790
26.260	29.099	1.017	14.786
1/15/2017 7:00:00 AM	291600.000	118.600	19.236
270.326	34357.176	38607.410	24.784
26.253	29.106	1.017	14.789
1/15/2017 7:15:00 AM	292500.000	118.620	19.237
270.371	34372.645	38624.496	24.796
26.265	29.093	1.017	14.789
1/15/2017 7:30:00 AM	293400.000	118.614	19.236
270.358	34386.199	38640.602	24.807
26.276	29.081	1.017	14.787
1/15/2017 7:45:00 AM	294300.000	118.614	19.236
270.358	34363.688	38615.305	24.789
26.258	29.100	1.017	14.786
1/15/2017 8:00:00 AM	295200.000	118.607	19.235
270.343	34381.039	38635.449	24.804
26.272	29.086	1.017	14.793
1/15/2017 8:15:00 AM	296100.000	118.613	19.235
270.355	34368.852	38621.613	24.794
26.263	29.096	1.017	14.792
1/15/2017 8:30:00 AM	297000.000	118.617	19.235
270.365	34370.199	38622.691	24.794
26.263	29.095	1.017	14.794
1/15/2017 8:45:00 AM	297900.000	118.607	19.236
270.343	34351.297	38601.313	24.779
26.249	29.111	1.017	14.799
1/15/2017 9:00:00 AM	298800.000	118.615	19.235
270.361	34364.715	38616.531	24.790
26.259	29.100	1.017	14.803
1/15/2017 9:15:00 AM	299700.000	118.614	19.235
270.357	34359.836	38611.262	24.786
26.256	29.104	1.017	14.804
1/15/2017 9:30:00 AM	300600.000	118.618	19.235
270.366	34366.129	38618.117	24.791

26.260	29.098	1.017	14.803
1/15/2017 9:45:00 AM	301500.000	118.633	19.236
270.402	34362.961	38614.195	24.788
26.258	29.101	1.017	14.806
1/15/2017 10:00:00 AM	302400.000	118.627	19.235
270.387	34385.035	38639.504	24.806
26.275	29.082	1.017	14.806
1/15/2017 10:15:00 AM	303300.000	118.637	19.235
270.411	34360.621	38612.363	24.787
26.256	29.103	1.017	14.812
1/15/2017 10:30:00 AM	304200.000	118.632	19.235
270.399	34388.684	38643.602	24.809
26.278	29.079	1.017	14.814
1/15/2017 10:45:00 AM	305100.000	118.647	19.236
270.432	34374.391	38627.180	24.798
26.266	29.091	1.017	14.811
1/15/2017 11:00:00 AM	306000.000	118.640	19.235
270.417	34365.285	38617.531	24.791
26.260	29.099	1.017	14.809
1/15/2017 11:15:00 AM	306900.000	118.662	19.235
270.467	34368.035	38620.324	24.793
26.262	29.097	1.017	14.803
1/15/2017 11:30:00 AM	307800.000	118.669	19.236
270.483	34373.523	38626.066	24.797
26.266	29.092	1.017	14.803
1/15/2017 11:45:00 AM	308700.000	118.675	19.235
270.497	34365.563	38617.766	24.791
26.260	29.099	1.017	14.799
1/15/2017 12:00:00 PM	309600.000	118.680	19.236
270.509	34358.488	38609.242	24.785
26.254	29.105	1.017	14.793
1/15/2017 12:15:00 PM	310500.000	118.681	19.236
270.512	34387.328	38641.145	24.808
26.276	29.080	1.017	14.792
1/15/2017 12:30:00 PM	311400.000	118.699	19.236
270.552	34378.086	38631.043	24.800
26.269	29.088	1.017	14.782
1/15/2017 12:45:00 PM	312300.000	118.701	19.237
270.557	34369.027	38620.148	24.793
26.262	29.096	1.017	14.778
1/15/2017 1:00:00 PM	313200.000	118.705	19.236
270.564	34383.473	38637.316	24.805
26.273	29.084	1.017	14.773
1/15/2017 1:15:00 PM	314100.000	118.721	19.235
270.602	34353.418	38604.195	24.781
26.251	29.109	1.017	14.769
1/15/2017 1:30:00 PM	315000.000	118.705	19.235
270.564	34370.789	38623.496	24.795
26.264	29.094	1.017	14.779
1/15/2017 1:45:00 PM	315900.000	118.718	19.236
270.595	34382.152	38635.328	24.804
26.272	29.085	1.017	14.769
1/15/2017 2:00:00 PM	316800.000	118.720	19.236
270.600	34376.492	38629.328	24.799
26.268	29.090	1.017	14.770
1/15/2017 2:15:00 PM	317700.000	118.715	19.235

270.588	34372.203	38625.160	24.796
26.265	29.093	1.017	14.778
1/15/2017 2:30:00 PM	318600.000	118.714	19.235
270.585	34361.715	38613.887	24.788
26.257	29.102	1.017	14.780
1/15/2017 2:45:00 PM	319500.000	118.717	19.235
270.592	34361.586	38613.012	24.788
26.257	29.102	1.017	14.774
1/15/2017 3:00:00 PM	320400.000	118.723	19.235
270.605	34347.664	38597.508	24.777
26.246	29.114	1.017	14.770
1/15/2017 3:15:00 PM	321300.000	118.723	19.235
270.606	34356.641	38607.891	24.784
26.253	29.106	1.017	14.774
1/15/2017 3:30:00 PM	322200.000	118.707	19.236
270.569	34356.395	38607.109	24.783
26.253	29.107	1.017	14.777
1/15/2017 3:45:00 PM	323100.000	118.713	19.236
270.583	34376.020	38629.094	24.799
26.268	29.090	1.017	14.773
1/15/2017 4:00:00 PM	324000.000	118.689	19.236
270.529	34386.613	38640.844	24.807
26.276	29.081	1.017	14.776
1/15/2017 4:15:00 PM	324900.000	118.687	19.236
270.524	34377.379	38630.691	24.800
26.269	29.089	1.017	14.781
1/15/2017 4:30:00 PM	325800.000	118.686	19.235
270.522	34369.105	38621.523	24.794
26.263	29.096	1.017	14.772
1/15/2017 4:45:00 PM	326700.000	118.673	19.236
270.492	34362.719	38614.215	24.788
26.258	29.101	1.017	14.779
1/15/2017 5:00:00 PM	327600.000	118.669	19.236
270.482	34351.172	38601.090	24.779
26.249	29.111	1.017	14.776
1/15/2017 5:15:00 PM	328500.000	118.666	19.236
270.476	34353.422	38603.547	24.781
26.250	29.109	1.017	14.772
1/15/2017 5:30:00 PM	329400.000	118.648	19.234
270.436	34377.164	38631.309	24.801
26.269	29.089	1.017	14.784
1/15/2017 5:45:00 PM	330300.000	118.638	19.235
270.413	34366.383	38619.129	24.792
26.261	29.098	1.017	14.778
1/15/2017 6:00:00 PM	331200.000	118.632	19.234
270.398	34378.344	38632.785	24.802
26.270	29.088	1.017	14.779
1/15/2017 6:15:00 PM	332100.000	118.618	19.235
270.368	34349.887	38600.008	24.778
26.248	29.112	1.017	14.773
1/15/2017 6:30:00 PM	333000.000	118.610	19.234
270.350	34379.035	38633.488	24.802
26.271	29.087	1.017	14.781
1/15/2017 6:45:00 PM	333900.000	118.605	19.234
270.337	34369.426	38622.906	24.795
26.264	29.096	1.017	14.780

1/15/2017 7:00:00 PM	334800.000	118.595	19.234
270.315	34369.129	38622.355	24.794
26.263	29.096	1.017	14.790
1/15/2017 7:15:00 PM	335700.000	118.584	19.235
270.290	34354.422	38604.965	24.782
26.251	29.108	1.017	14.784
1/15/2017 7:30:00 PM	336600.000	118.569	19.234
270.256	34365.031	38617.676	24.791
26.260	29.099	1.017	14.786
1/15/2017 7:45:00 PM	337500.000	118.567	19.235
270.251	34339.313	38588.488	24.770
26.240	29.121	1.017	14.787
1/15/2017 8:00:00 PM	338400.000	118.560	19.235
270.234	34369.828	38623.004	24.795
26.264	29.095	1.017	14.794
1/15/2017 8:15:00 PM	339300.000	118.555	19.235
270.223	34366.473	38618.719	24.792
26.261	29.098	1.017	14.786
1/15/2017 8:30:00 PM	340200.000	118.537	19.235
270.183	34351.453	38602.199	24.780
26.249	29.111	1.017	14.790
1/15/2017 8:45:00 PM	341100.000	118.532	19.235
270.171	34338.027	38586.973	24.769
26.239	29.122	1.017	14.792
1/15/2017 9:00:00 PM	342000.000	118.532	19.235
270.171	34335.496	38583.836	24.767
26.237	29.124	1.017	14.792
1/15/2017 9:15:00 PM	342900.000	118.521	19.235
270.147	34322.738	38569.500	24.757
26.227	29.135	1.017	14.795
1/15/2017 9:30:00 PM	343800.000	118.517	19.236
270.137	34330.301	38577.789	24.763
26.233	29.129	1.017	14.792
1/15/2017 9:45:00 PM	344700.000	118.534	19.235
270.175	34342.594	38592.398	24.773
26.243	29.118	1.017	14.792
1/15/2017 10:00:00 PM	345600.000	118.527	19.235
270.161	34335.277	38583.512	24.767
26.237	29.125	1.017	14.790
1/15/2017 10:15:00 PM	346500.000	118.517	19.236
270.136	34357.340	38607.445	24.784
26.253	29.106	1.017	14.792
1/15/2017 10:30:00 PM	347400.000	118.516	19.236
270.136	34342.691	38591.711	24.772
26.242	29.118	1.017	14.798
1/15/2017 10:45:00 PM	348300.000	118.517	19.236
270.137	34335.523	38583.004	24.766
26.236	29.124	1.017	14.800
1/15/2017 11:00:00 PM	349200.000	118.525	19.235
270.155	34357.750	38608.703	24.785
26.254	29.106	1.017	14.801
1/15/2017 11:15:00 PM	350100.000	118.532	19.235
270.171	34348.383	38598.750	24.777
26.247	29.113	1.017	14.796
1/15/2017 11:30:00 PM	351000.000	118.516	19.235
270.135	34373.996	38627.020	24.798

26.266	29.092	1.017	14.811
1/15/2017 11:45:00 PM	351900.000	118.533	19.235
270.173	34350.512	38600.852	24.779
26.249	29.112	1.017	14.800
1/16/2017 12:00:00 AM	352800.000	118.543	19.235
270.197	34380.223	38633.957	24.802
26.271	29.086	1.017	14.797
1/16/2017 12:15:00 AM	353700.000	118.534	19.236
270.175	34355.617	38606.168	24.783
26.252	29.107	1.017	14.797
1/16/2017 12:30:00 AM	354600.000	118.550	19.235
270.212	34380.184	38634.418	24.803
26.271	29.087	1.017	14.794
1/16/2017 12:45:00 AM	355500.000	118.557	19.235
270.228	34381.711	38635.691	24.804
26.272	29.085	1.017	14.793
1/16/2017 1:00:00 AM	356400.000	118.563	19.236
270.243	34355.332	38605.625	24.782
26.252	29.108	1.017	14.792
1/16/2017 1:15:00 AM	357300.000	118.568	19.236
270.252	34350.012	38599.715	24.778
26.248	29.112	1.017	14.791
1/16/2017 1:30:00 AM	358200.000	118.580	19.236
270.281	34349.387	38599.012	24.778
26.247	29.113	1.017	14.789
1/16/2017 1:45:00 AM	359100.000	118.583	19.235
270.286	34364.160	38615.969	24.790
26.259	29.100	1.017	14.788
1/16/2017 2:00:00 AM	360000.000	118.590	19.236
270.304	34368.785	38620.883	24.793
26.262	29.096	1.017	14.788
1/16/2017 2:15:00 AM	360900.000	118.610	19.235
270.348	34366.941	38619.094	24.792
26.261	29.098	1.017	14.782
1/16/2017 2:30:00 AM	361800.000	118.612	19.236
270.354	34361.594	38612.883	24.788
26.257	29.102	1.017	14.775
1/16/2017 2:45:00 AM	362700.000	118.613	19.235
270.356	34372.680	38625.621	24.797
26.265	29.093	1.017	14.779
1/16/2017 3:00:00 AM	363600.000	118.623	19.236
270.379	34383.668	38637.316	24.805
26.273	29.084	1.017	14.779
1/16/2017 3:15:00 AM	364500.000	118.616	19.235
270.363	34366.570	38618.676	24.792
26.261	29.098	1.017	14.784
1/16/2017 3:30:00 AM	365400.000	118.621	19.235
270.374	34366.117	38618.609	24.792
26.261	29.098	1.017	14.789
1/16/2017 3:45:00 AM	366300.000	118.624	19.235
270.381	34370.449	38623.406	24.795
26.264	29.095	1.017	14.785
1/16/2017 4:00:00 AM	367200.000	118.624	19.235
270.382	34366.660	38618.855	24.792
26.261	29.098	1.017	14.788
1/16/2017 4:15:00 AM	368100.000	118.632	19.235

270.399	34356.301	38607.801	24.784
26.253	29.107	1.017	14.782
1/16/2017 4:30:00 AM	369000.000	118.647	19.235
270.434	34373.230	38626.535	24.797
26.266	29.092	1.017	14.784
1/16/2017 4:45:00 AM	369900.000	118.640	19.235
270.416	34386.070	38640.527	24.807
26.276	29.082	1.017	14.785
1/16/2017 5:00:00 AM	370800.000	118.636	19.235
270.409	34388.051	38643.258	24.809
26.277	29.080	1.017	14.780
1/16/2017 5:15:00 AM	371700.000	118.639	19.235
270.414	34361.430	38612.898	24.788
26.257	29.102	1.017	14.793
1/16/2017 5:30:00 AM	372600.000	118.640	19.236
270.416	34363.723	38615.051	24.789
26.258	29.100	1.017	14.792
1/16/2017 5:45:00 AM	373500.000	118.625	19.236
270.383	34362.219	38613.504	24.788
26.257	29.102	1.017	14.796
1/16/2017 6:00:00 AM	374400.000	118.631	19.235
270.398	34376.340	38629.953	24.800
26.268	29.090	1.017	14.795
1/16/2017 6:15:00 AM	375300.000	118.637	19.236
270.409	34365.727	38617.598	24.791
26.260	29.099	1.017	14.792
1/16/2017 6:30:00 AM	376200.000	118.627	19.234
270.387	34355.457	38607.207	24.783
26.253	29.107	1.017	14.793
1/16/2017 6:45:00 AM	377100.000	118.628	19.235
270.389	34365.629	38618.063	24.791
26.260	29.099	1.017	14.798
1/16/2017 7:00:00 AM	378000.000	118.643	19.235
270.424	34374.461	38628.055	24.798
26.267	29.091	1.017	14.789
1/16/2017 7:15:00 AM	378900.000	118.625	19.235
270.382	34382.453	38636.523	24.804
26.273	29.085	1.017	14.802
1/16/2017 7:30:00 AM	379800.000	118.629	19.235
270.392	34367.605	38620.063	24.793
26.262	29.097	1.017	14.797
1/16/2017 7:45:00 AM	380700.000	118.632	19.236
270.399	34375.066	38628.023	24.798
26.267	29.091	1.017	14.800
1/16/2017 8:00:00 AM	381600.000	118.629	19.235
270.392	34376.117	38629.559	24.799
26.268	29.090	1.017	14.792
1/16/2017 8:15:00 AM	382500.000	118.621	19.236
270.373	34355.641	38605.969	24.783
26.252	29.107	1.017	14.803
1/16/2017 8:30:00 AM	383400.000	118.611	19.235
270.351	34356.332	38607.613	24.784
26.253	29.107	1.017	14.808
1/16/2017 8:45:00 AM	384300.000	118.619	19.235
270.369	34367.359	38619.715	24.792
26.261	29.097	1.017	14.805

1/16/2017 9:00:00 AM	385200.000	118.612	19.235
270.353	34370.324	38623.559	24.795
26.264	29.095	1.017	14.808
1/16/2017 9:15:00 AM	386100.000	118.612	19.234
270.353	34384.645	38639.715	24.807
26.275	29.083	1.017	14.809
1/16/2017 9:30:00 AM	387000.000	118.629	19.235
270.391	34345.227	38594.914	24.775
26.245	29.116	1.017	14.801
1/16/2017 9:45:00 AM	387900.000	118.624	19.236
270.381	34362.191	38613.555	24.788
26.257	29.102	1.017	14.807
1/16/2017 10:00:00 AM	388800.000	118.628	19.235
270.390	34367.070	38619.832	24.792
26.261	29.098	1.017	14.812
1/16/2017 10:15:00 AM	389700.000	118.629	19.235
270.391	34370.387	38623.188	24.795
26.264	29.095	1.017	14.809
1/16/2017 10:30:00 AM	390600.000	118.620	19.235
270.371	34375.523	38628.961	24.799
26.268	29.090	1.017	14.815
1/16/2017 10:45:00 AM	391500.000	118.623	19.236
270.379	34389.273	38643.836	24.810
26.278	29.079	1.017	14.811
1/16/2017 11:00:00 AM	392400.000	118.629	19.236
270.393	34386.637	38640.727	24.807
26.276	29.081	1.017	14.809
1/16/2017 11:15:00 AM	393300.000	118.640	19.235
270.418	34355.484	38606.660	24.783
26.253	29.107	1.017	14.809
1/16/2017 11:30:00 AM	394200.000	118.635	19.236
270.405	34380.660	38634.227	24.803
26.271	29.086	1.017	14.811
1/16/2017 11:45:00 AM	395100.000	118.649	19.236
270.438	34354.703	38605.055	24.782
26.251	29.108	1.017	14.806
1/16/2017 12:00:00 PM	396000.000	118.658	19.236
270.458	34378.617	38632.082	24.801
26.270	29.088	1.017	14.795
1/16/2017 12:15:00 PM	396900.000	118.664	19.236
270.471	34376.242	38628.973	24.799
26.268	29.090	1.017	14.792
1/16/2017 12:30:00 PM	397800.000	118.671	19.235
270.489	34366.941	38619.758	24.792
26.261	29.098	1.017	14.790
1/16/2017 12:45:00 PM	398700.000	118.670	19.235
270.487	34365.660	38618.164	24.791
26.260	29.099	1.017	14.788
1/16/2017 1:00:00 PM	399600.000	118.676	19.236
270.498	34383.141	38637.094	24.805
26.273	29.084	1.017	14.786
1/16/2017 1:15:00 PM	400500.000	118.679	19.235
270.506	34363.531	38615.262	24.789
26.258	29.101	1.017	14.779
1/16/2017 1:30:00 PM	401400.000	118.680	19.235
270.508	34355.738	38606.504	24.783

26.252	29.107	1.017	14.778
1/16/2017 1:45:00 PM	402300.000	118.688	19.235
270.527	34357.305	38608.418	24.784
26.254	29.106	1.017	14.777
1/16/2017 2:00:00 PM	403200.000	118.696	19.236
270.544	34357.453	38607.934	24.784
26.253	29.106	1.017	14.770
1/16/2017 2:15:00 PM	404100.000	118.695	19.235
270.543	34370.543	38623.438	24.795
26.264	29.095	1.017	14.773
1/16/2017 2:30:00 PM	405000.000	118.703	19.235
270.561	34379.566	38633.504	24.802
26.271	29.087	1.017	14.775
1/16/2017 2:45:00 PM	405900.000	118.703	19.236
270.561	34386.273	38640.465	24.807
26.276	29.081	1.017	14.775
1/16/2017 3:00:00 PM	406800.000	118.708	19.236
270.573	34363.180	38614.582	24.789
26.258	29.101	1.017	14.770
1/16/2017 3:15:00 PM	407700.000	118.707	19.236
270.569	34380.195	38633.633	24.802
26.271	29.087	1.017	14.771
1/16/2017 3:30:00 PM	408600.000	118.711	19.235
270.578	34370.004	38623.129	24.795
26.264	29.095	1.017	14.769
1/16/2017 3:45:00 PM	409500.000	118.698	19.235
270.548	34374.969	38628.266	24.798
26.267	29.091	1.017	14.771
1/16/2017 4:00:00 PM	410400.000	118.697	19.236
270.547	34364.879	38616.492	24.790
26.259	29.099	1.017	14.769
1/16/2017 4:15:00 PM	411300.000	118.696	19.236
270.544	34357.648	38608.152	24.784
26.254	29.106	1.017	14.771
1/16/2017 4:30:00 PM	412200.000	118.691	19.235
270.533	34340.000	38588.758	24.770
26.240	29.121	1.017	14.775
1/16/2017 4:45:00 PM	413100.000	118.681	19.235
270.511	34365.824	38618.063	24.791
26.260	29.099	1.017	14.770
1/16/2017 5:00:00 PM	414000.000	118.681	19.235
270.511	34363.660	38615.848	24.790
26.259	29.101	1.017	14.765
1/16/2017 5:15:00 PM	414900.000	118.671	19.235
270.487	34379.094	38632.973	24.802
26.270	29.087	1.017	14.772
1/16/2017 5:30:00 PM	415800.000	118.663	19.235
270.470	34349.137	38599.598	24.778
26.248	29.113	1.017	14.770
1/16/2017 5:45:00 PM	416700.000	118.657	19.235
270.456	34382.418	38636.563	24.804
26.273	29.085	1.017	14.776
1/16/2017 6:00:00 PM	417600.000	118.652	19.235
270.444	34336.656	38585.215	24.768
26.238	29.123	1.017	14.775
1/16/2017 6:15:00 PM	418500.000	118.644	19.235

270.426	34371.863	38624.563	24.796
26.265	29.094	1.017	14.770
1/16/2017 6:30:00 PM	419400.000	118.642	19.234
270.423	34367.520	38620.469	24.793
26.262	29.097	1.017	14.769
1/16/2017 6:45:00 PM	420300.000	118.638	19.234
270.413	34361.477	38613.832	24.788
26.257	29.102	1.017	14.771
1/16/2017 7:00:00 PM	421200.000	118.628	19.235
270.391	34382.266	38636.688	24.804
26.273	29.085	1.017	14.769
1/16/2017 7:15:00 PM	422100.000	118.622	19.235
270.377	34383.961	38638.441	24.806
26.274	29.083	1.017	14.771
1/16/2017 7:30:00 PM	423000.000	118.599	19.235
270.324	34356.680	38608.004	24.784
26.253	29.106	1.017	14.775
1/16/2017 7:45:00 PM	423900.000	118.597	19.234
270.320	34358.336	38610.441	24.786
26.255	29.105	1.017	14.770
1/16/2017 8:00:00 PM	424800.000	118.596	19.235
270.317	34344.473	38594.508	24.774
26.244	29.117	1.017	14.771
1/16/2017 8:15:00 PM	425700.000	118.594	19.235
270.311	34336.621	38584.961	24.768
26.238	29.123	1.017	14.773
1/16/2017 8:30:00 PM	426600.000	118.583	19.235
270.288	34341.004	38590.242	24.771
26.241	29.120	1.017	14.779
1/16/2017 8:45:00 PM	427500.000	118.566	19.235
270.248	34343.004	38592.566	24.773
26.243	29.118	1.017	14.784
1/16/2017 9:00:00 PM	428400.000	118.557	19.235
270.227	34338.402	38587.023	24.769
26.239	29.122	1.017	14.790
1/16/2017 9:15:00 PM	429300.000	118.558	19.235
270.229	34332.305	38580.109	24.764
26.234	29.127	1.017	14.786
1/16/2017 9:30:00 PM	430200.000	118.555	19.235
270.223	34343.598	38593.375	24.774
26.243	29.118	1.017	14.778
1/16/2017 9:45:00 PM	431100.000	118.543	19.235
270.196	34360.688	38612.438	24.787
26.256	29.103	1.017	14.784
1/16/2017 10:00:00 PM	432000.000	118.538	19.236
270.184	34335.184	38583.203	24.766
26.237	29.125	1.017	14.785
1/16/2017 10:15:00 PM	432900.000	118.541	19.236
270.192	34342.754	38591.629	24.772
26.242	29.118	1.017	14.779
1/16/2017 10:30:00 PM	433800.000	118.547	19.236
270.204	34339.875	38588.324	24.770
26.240	29.121	1.017	14.779
1/16/2017 10:45:00 PM	434700.000	118.550	19.236
270.213	34332.340	38579.637	24.764
26.234	29.127	1.017	14.784

1/16/2017 11:00:00 PM	435600.000	118.543	19.236
270.195	34330.805	38577.988	24.763
26.233	29.128	1.017	14.785
1/16/2017 11:15:00 PM	436500.000	118.542	19.235
270.193	34340.496	38589.453	24.771
26.241	29.120	1.017	14.780
1/16/2017 11:30:00 PM	437400.000	118.559	19.236
270.233	34335.336	38583.293	24.767
26.237	29.125	1.017	14.774
1/16/2017 11:45:00 PM	438300.000	118.557	19.235
270.227	34372.590	38625.379	24.796
26.265	29.093	1.017	14.776
1/17/2017 12:00:00 AM	439200.000	118.558	19.235
270.231	34330.055	38577.797	24.763
26.233	29.129	1.017	14.778
1/17/2017 12:15:00 AM	440100.000	118.564	19.235
270.245	34348.480	38598.941	24.778
26.247	29.113	1.017	14.775
1/17/2017 12:30:00 AM	441000.000	118.565	19.234
270.246	34359.813	38611.809	24.787
26.256	29.104	1.017	14.776
1/17/2017 12:45:00 AM	441900.000	118.579	19.235
270.277	34360.715	38612.176	24.787
26.256	29.103	1.017	14.775
1/17/2017 1:00:00 AM	442800.000	118.581	19.235
270.283	34365.762	38617.992	24.791
26.260	29.099	1.017	14.780
1/17/2017 1:15:00 AM	443700.000	118.590	19.236
270.303	34377.621	38630.738	24.800
26.269	29.089	1.017	14.774
1/17/2017 1:30:00 AM	444600.000	118.599	19.235
270.324	34342.594	38591.887	24.773
26.242	29.118	1.017	14.775
1/17/2017 1:45:00 AM	445500.000	118.598	19.235
270.321	34375.586	38628.887	24.799
26.268	29.090	1.017	14.782
1/17/2017 2:00:00 AM	446400.000	118.612	19.236
270.354	34372.762	38625.434	24.796
26.265	29.093	1.017	14.780
1/17/2017 2:15:00 AM	447300.000	118.620	19.235
270.372	34362.527	38614.285	24.789
26.258	29.101	1.017	14.775
1/17/2017 2:30:00 AM	448200.000	118.626	19.235
270.385	34372.520	38625.441	24.796
26.265	29.093	1.017	14.775
1/17/2017 2:45:00 AM	449100.000	118.635	19.236
270.406	34349.480	38599.117	24.778
26.247	29.113	1.017	14.772
1/17/2017 3:00:00 AM	450000.000	118.631	19.235
270.396	34370.199	38622.906	24.795
26.264	29.095	1.017	14.777
1/17/2017 3:15:00 AM	450900.000	118.635	19.236
270.406	34359.930	38610.859	24.786
26.255	29.104	1.017	14.777
1/17/2017 3:30:00 AM	451800.000	118.649	19.236
270.438	34342.531	38590.879	24.772

26.242	29.118	1.017	14.767
1/17/2017 3:45:00 AM	452700.000	118.651	19.235
270.442	34371.043	38623.641	24.795
26.264	29.094	1.017	14.776
1/17/2017 4:00:00 AM	453600.000	118.654	19.236
270.448	34363.957	38615.539	24.789
26.259	29.100	1.017	14.775
1/17/2017 4:15:00 AM	454500.000	118.660	19.235
270.462	34362.781	38614.715	24.789
26.258	29.101	1.017	14.778
1/17/2017 4:30:00 AM	455400.000	118.663	19.235
270.469	34353.609	38604.484	24.782
26.251	29.109	1.017	14.773
1/17/2017 4:45:00 AM	456300.000	118.666	19.235
270.476	34363.781	38615.695	24.790
26.259	29.100	1.017	14.774
1/17/2017 5:00:00 AM	457200.000	118.660	19.236
270.463	34358.336	38609.141	24.785
26.254	29.105	1.017	14.784
1/17/2017 5:15:00 AM	458100.000	118.680	19.236
270.508	34344.914	38594.055	24.774
26.244	29.116	1.017	14.770
1/17/2017 5:30:00 AM	459000.000	118.671	19.236
270.488	34366.695	38618.684	24.792
26.261	29.098	1.017	14.775
1/17/2017 5:45:00 AM	459900.000	118.667	19.236
270.478	34342.910	38591.805	24.773
26.242	29.118	1.017	14.773
1/17/2017 6:00:00 AM	460800.000	118.671	19.235
270.487	34374.613	38627.715	24.798
26.267	29.091	1.017	14.772
1/17/2017 6:15:00 AM	461700.000	118.672	19.236
270.491	34366.066	38617.824	24.791
26.260	29.098	1.017	14.773
1/17/2017 6:30:00 AM	462600.000	118.667	19.234
270.479	34364.754	38617.441	24.791
26.260	29.100	1.017	14.773
1/17/2017 6:45:00 AM	463500.000	118.667	19.235
270.478	34376.219	38629.520	24.799
26.268	29.090	1.017	14.775
1/17/2017 7:00:00 AM	464400.000	118.670	19.235
270.485	34358.211	38609.359	24.785
26.254	29.105	1.017	14.773
1/17/2017 7:15:00 AM	465300.000	118.659	19.235
270.459	34357.809	38608.770	24.785
26.254	29.105	1.017	14.781
1/17/2017 7:30:00 AM	466200.000	118.663	19.235
270.469	34336.934	38585.313	24.768
26.238	29.123	1.017	14.775
1/17/2017 7:45:00 AM	467100.000	118.651	19.235
270.443	34368.480	38621.195	24.793
26.262	29.096	1.017	14.780
1/17/2017 8:00:00 AM	468000.000	118.667	19.236
270.478	34340.344	38589.074	24.771
26.241	29.120	1.017	14.769
1/17/2017 8:15:00 AM	468900.000	118.656	19.235

270.454	34348.570	38598.672	24.777
26.247	29.113	1.017	14.767
1/17/2017 8:30:00 AM	469800.000	118.671	19.235
270.488	34369.039	38621.895	24.794
26.263	29.096	1.017	14.749
1/17/2017 8:45:00 AM	470700.000	118.665	19.235
270.474	34350.855	38601.016	24.779
26.249	29.111	1.017	14.756
1/17/2017 9:00:00 AM	471600.000	118.644	19.235
270.427	34348.137	38597.961	24.777
26.247	29.114	1.017	14.770
1/17/2017 9:15:00 AM	472500.000	118.666	19.235
270.476	34380.027	38634.172	24.803
26.271	29.087	1.017	14.774
1/17/2017 9:30:00 AM	473400.000	118.647	19.236
270.434	34355.148	38605.641	24.782
26.252	29.108	1.017	14.795
1/17/2017 9:45:00 AM	474300.000	118.645	19.235
270.428	34358.492	38609.750	24.785
26.255	29.105	1.017	14.802
1/17/2017 10:00:00 AM	475200.000	118.641	19.236
270.420	34362.785	38613.926	24.788
26.257	29.101	1.017	14.801
1/17/2017 10:15:00 AM	476100.000	118.633	19.235
270.401	34353.488	38603.914	24.781
26.251	29.109	1.017	14.811
1/17/2017 10:30:00 AM	477000.000	118.636	19.235
270.408	34355.586	38606.270	24.783
26.252	29.107	1.017	14.806
1/17/2017 10:45:00 AM	477900.000	118.645	19.234
270.428	34350.512	38601.578	24.779
26.249	29.112	1.017	14.797
1/17/2017 11:00:00 AM	478800.000	118.641	19.235
270.419	34365.848	38618.309	24.791
26.260	29.099	1.017	14.797
1/17/2017 11:15:00 AM	479700.000	118.651	19.235
270.442	34361.992	38613.754	24.788
26.257	29.102	1.017	14.790
1/17/2017 11:30:00 AM	480600.000	118.644	19.236
270.425	34353.391	38603.082	24.781
26.250	29.109	1.017	14.792
1/17/2017 11:45:00 AM	481500.000	118.648	19.235
270.436	34347.164	38596.809	24.776
26.246	29.114	1.017	14.792
1/17/2017 12:00:00 PM	482400.000	118.647	19.236
270.434	34350.730	38600.676	24.779
26.248	29.111	1.017	14.787
1/17/2017 12:15:00 PM	483300.000	118.645	19.235
270.430	34359.031	38610.578	24.786
26.255	29.104	1.017	14.788
1/17/2017 12:30:00 PM	484200.000	118.652	19.235
270.444	34352.418	38603.438	24.781
26.250	29.110	1.017	14.778
1/17/2017 12:45:00 PM	485100.000	118.658	19.235
270.458	34379.121	38633.004	24.802
26.270	29.087	1.017	14.778

1/17/2017 1:00:00 PM	486000.000	118.663	19.235
270.471	34350.793	38601.461	24.779
26.249	29.111	1.017	14.778
1/17/2017 1:15:00 PM	486900.000	118.667	19.236
270.478	34346.887	38596.273	24.776
26.245	29.115	1.017	14.769
1/17/2017 1:30:00 PM	487800.000	118.670	19.236
270.485	34382.270	38635.965	24.804
26.272	29.085	1.017	14.768
1/17/2017 1:45:00 PM	488700.000	118.671	19.236
270.487	34375.250	38628.004	24.798
26.267	29.091	1.017	14.768
1/17/2017 2:00:00 PM	489600.000	118.678	19.235
270.503	34377.188	38631.273	24.801
26.269	29.089	1.017	14.774
1/17/2017 2:15:00 PM	490500.000	118.671	19.236
270.487	34356.707	38607.461	24.784
26.253	29.106	1.017	14.774
1/17/2017 2:30:00 PM	491400.000	118.684	19.236
270.517	34363.031	38614.566	24.789
26.258	29.101	1.017	14.770
1/17/2017 2:45:00 PM	492300.000	118.684	19.236
270.518	34358.090	38608.648	24.785
26.254	29.105	1.017	14.774
1/17/2017 3:00:00 PM	493200.000	118.688	19.235
270.526	34362.254	38613.824	24.788
26.257	29.102	1.017	14.772
1/17/2017 3:15:00 PM	494100.000	118.677	19.236
270.501	34354.426	38604.828	24.782
26.251	29.108	1.017	14.779
1/17/2017 3:30:00 PM	495000.000	118.694	19.236
270.541	34359.559	38610.594	24.786
26.255	29.104	1.017	14.772
1/17/2017 3:45:00 PM	495900.000	118.687	19.235
270.525	34355.180	38605.875	24.783
26.252	29.108	1.017	14.771
1/17/2017 4:00:00 PM	496800.000	118.683	19.234
270.514	34365.422	38618.113	24.791
26.260	29.099	1.017	14.775
1/17/2017 4:15:00 PM	497700.000	118.674	19.235
270.494	34364.910	38616.813	24.790
26.259	29.099	1.017	14.786
1/17/2017 4:30:00 PM	498600.000	118.675	19.236
270.498	34360.742	38611.926	24.787
26.256	29.103	1.017	14.790
1/17/2017 4:45:00 PM	499500.000	118.677	19.235
270.501	34346.039	38595.605	24.775
26.245	29.115	1.017	14.780
1/17/2017 5:00:00 PM	500400.000	118.673	19.235
270.492	34391.445	38646.926	24.812
26.280	29.077	1.017	14.789
1/17/2017 5:15:00 PM	501300.000	118.665	19.236
270.473	34362.875	38614.324	24.789
26.258	29.101	1.017	14.794
1/17/2017 5:30:00 PM	502200.000	118.658	19.235
270.458	34350.637	38600.773	24.779

26.249	29.112	1.017	14.794
1/17/2017 5:45:00 PM	503100.000	118.667	19.235
270.478	34337.281	38585.762	24.768
26.238	29.123	1.017	14.791
1/17/2017 6:00:00 PM	504000.000	118.659	19.235
270.460	34353.234	38603.770	24.781
26.251	29.109	1.017	14.790
1/17/2017 6:15:00 PM	504900.000	118.644	19.234
270.427	34334.906	38584.113	24.767
26.237	29.125	1.017	14.800
1/17/2017 6:30:00 PM	505800.000	118.645	19.235
270.430	34355.148	38606.063	24.783
26.252	29.108	1.017	14.796
1/17/2017 6:45:00 PM	506700.000	118.633	19.235
270.400	34361.965	38613.578	24.788
26.257	29.102	1.017	14.796
1/17/2017 7:00:00 PM	507600.000	118.619	19.235
270.370	34363.883	38616.027	24.790
26.259	29.100	1.017	14.797
1/17/2017 7:15:00 PM	508500.000	118.635	19.235
270.406	34360.836	38612.605	24.787
26.257	29.103	1.017	14.794
1/17/2017 7:30:00 PM	509400.000	118.621	19.236
270.373	34370.770	38623.262	24.795
26.264	29.094	1.017	14.798
1/17/2017 7:45:00 PM	510300.000	118.613	19.235
270.355	34364.012	38616.313	24.790
26.259	29.100	1.017	14.801
1/17/2017 8:00:00 PM	511200.000	118.604	19.234
270.335	34347.977	38598.875	24.778
26.247	29.114	1.017	14.802
1/17/2017 8:15:00 PM	512100.000	118.598	19.235
270.321	34404.313	38661.684	24.822
26.290	29.066	1.017	14.805
1/17/2017 8:30:00 PM	513000.000	118.598	19.235
270.321	34348.168	38598.438	24.777
26.247	29.114	1.017	14.805
1/17/2017 8:45:00 PM	513900.000	118.578	19.235
270.275	34363.813	38615.949	24.790
26.259	29.100	1.017	14.806
1/17/2017 9:00:00 PM	514800.000	118.576	19.235
270.271	34355.422	38606.590	24.783
26.252	29.107	1.017	14.802
1/17/2017 9:15:00 PM	515700.000	118.574	19.235
270.267	34325.742	38572.949	24.759
26.230	29.133	1.017	14.795
1/17/2017 9:30:00 PM	516600.000	118.573	19.236
270.264	34350.988	38601.035	24.779
26.249	29.111	1.017	14.794
1/17/2017 9:45:00 PM	517500.000	118.566	19.235
270.248	34347.766	38597.547	24.777
26.246	29.114	1.017	14.790
1/17/2017 10:00:00 PM	518400.000	118.566	19.235
270.249	34343.441	38592.762	24.773
26.243	29.118	1.017	14.790
1/17/2017 10:15:00 PM	519300.000	118.562	19.236

270.240	34373.535	38626.301	24.797
26.266	29.092	1.017	14.788
1/17/2017 10:30:00 PM	520200.000	118.560	19.236
270.234	34340.219	38588.641	24.770
26.240	29.120	1.017	14.795
1/17/2017 10:45:00 PM	521100.000	118.553	19.237
270.219	34347.602	38596.355	24.776
26.246	29.114	1.017	14.794
1/17/2017 11:00:00 PM	522000.000	118.567	19.236
270.251	34318.230	38563.719	24.753
26.223	29.139	1.017	14.787
1/17/2017 11:15:00 PM	522900.000	118.557	19.237
270.229	34348.574	38597.449	24.777
26.246	29.113	1.017	14.797
1/17/2017 11:30:00 PM	523800.000	118.551	19.235
270.214	34338.094	38586.613	24.769
26.239	29.122	1.017	14.792
1/17/2017 11:45:00 PM	524700.000	118.565	19.236
270.246	34358.340	38609.227	24.785
26.254	29.105	1.017	14.790
1/18/2017 12:00:00 AM	525600.000	118.570	19.235
270.257	34338.398	38587.172	24.769
26.239	29.122	1.017	14.777
1/18/2017 12:15:00 AM	526500.000	118.572	19.235
270.261	34339.875	38589.051	24.771
26.241	29.121	1.017	14.783
1/18/2017 12:30:00 AM	527400.000	118.566	19.235
270.248	34332.762	38580.836	24.765
26.235	29.127	1.017	14.775
1/18/2017 12:45:00 AM	528300.000	118.565	19.236
270.247	34380.145	38633.797	24.802
26.271	29.087	1.017	14.779
1/18/2017 1:00:00 AM	529200.000	118.581	19.235
270.284	34382.215	38636.195	24.804
26.273	29.085	1.017	14.775
1/18/2017 1:15:00 AM	530100.000	118.592	19.236
270.309	34369.273	38621.215	24.793
26.262	29.096	1.017	14.775
1/18/2017 1:30:00 AM	531000.000	118.586	19.236
270.293	34354.520	38604.852	24.782
26.251	29.108	1.017	14.784
1/18/2017 1:45:00 AM	531900.000	118.592	19.236
270.307	34376.004	38629.145	24.799
26.268	29.090	1.017	14.792
1/18/2017 2:00:00 AM	532800.000	118.595	19.234
270.314	34353.484	38604.699	24.782
26.251	29.109	1.017	14.784
1/18/2017 2:15:00 AM	533700.000	118.612	19.235
270.354	34327.961	38575.227	24.761
26.231	29.131	1.017	14.788
1/18/2017 2:30:00 AM	534600.000	118.611	19.235
270.352	34357.305	38608.344	24.784
26.254	29.106	1.017	14.791
1/18/2017 2:45:00 AM	535500.000	118.608	19.235
270.345	34395.992	38652.035	24.815
26.283	29.073	1.017	14.789

1/18/2017 3:00:00 AM	536400.000	118.622	19.236
270.377	34367.355	38619.059	24.792
26.261	29.097	1.017	14.782
1/18/2017 3:15:00 AM	537300.000	118.624	19.235
270.381	34375.395	38628.891	24.799
26.268	29.091	1.017	14.783
1/18/2017 3:30:00 AM	538200.000	118.639	19.235
270.414	34371.355	38624.133	24.796
26.264	29.094	1.017	14.785
1/18/2017 3:45:00 AM	539100.000	118.640	19.235
270.417	34369.324	38621.711	24.794
26.263	29.096	1.017	14.783
1/18/2017 4:00:00 AM	540000.000	118.652	19.235
270.445	34356.367	38607.434	24.784
26.253	29.107	1.017	14.777
1/18/2017 4:15:00 AM	540900.000	118.652	19.235
270.445	34349.539	38600.133	24.778
26.248	29.112	1.017	14.785
1/18/2017 4:30:00 AM	541800.000	118.666	19.235
270.476	34391.977	38647.523	24.812
26.280	29.077	1.017	14.784
1/18/2017 4:45:00 AM	542700.000	118.659	19.236
270.461	34366.578	38617.902	24.791
26.260	29.098	1.017	14.786
1/18/2017 5:00:00 AM	543600.000	118.657	19.236
270.455	34350.543	38600.383	24.779
26.248	29.112	1.017	14.785
1/18/2017 5:15:00 AM	544500.000	118.667	19.236
270.478	34348.887	38598.168	24.777
26.247	29.113	1.017	14.779
1/18/2017 5:30:00 AM	545400.000	118.676	19.235
270.500	34361.875	38613.340	24.788
26.257	29.102	1.017	14.778
1/18/2017 5:45:00 AM	546300.000	118.688	19.235
270.526	34363.445	38615.605	24.789
26.259	29.101	1.017	14.768
1/18/2017 6:00:00 AM	547200.000	118.675	19.236
270.498	34349.664	38599.547	24.778
26.248	29.112	1.017	14.779
1/18/2017 6:15:00 AM	548100.000	118.681	19.236
270.510	34372.645	38625.219	24.796
26.265	29.093	1.017	14.785
1/18/2017 6:30:00 AM	549000.000	118.663	19.236
270.470	34363.906	38615.109	24.789
26.258	29.100	1.017	14.789
1/18/2017 6:45:00 AM	549900.000	118.689	19.235
270.530	34355.051	38605.883	24.783
26.252	29.108	1.017	14.788
1/18/2017 7:00:00 AM	550800.000	118.683	19.235
270.515	34367.828	38620.387	24.793
26.262	29.097	1.017	14.770
1/18/2017 7:15:00 AM	551700.000	118.685	19.235
270.521	34363.094	38615.281	24.789
26.258	29.101	1.017	14.773
1/18/2017 7:30:00 AM	552600.000	118.678	19.235
270.503	34346.723	38596.887	24.776

26.246	29.115	1.017	14.776
1/18/2017 7:45:00 AM	553500.000	118.683	19.236
270.514	34366.797	38618.730	24.792
26.261	29.098	1.017	14.764
1/18/2017 8:00:00 AM	554400.000	118.680	19.236
270.509	34336.996	38585.242	24.768
26.238	29.123	1.017	14.758
1/18/2017 8:15:00 AM	555300.000	118.671	19.235
270.487	34336.125	38585.129	24.768
26.238	29.124	1.017	14.759
1/18/2017 8:30:00 AM	556200.000	118.661	19.235
270.466	34359.125	38610.754	24.786
26.255	29.104	1.017	14.755
1/18/2017 8:45:00 AM	557100.000	118.670	19.236
270.485	34360.156	38611.266	24.786
26.256	29.103	1.017	14.746
1/18/2017 9:00:00 AM	558000.000	118.669	19.235
270.483	34355.996	38606.945	24.783
26.253	29.107	1.017	14.741
1/18/2017 9:15:00 AM	558900.000	118.668	19.236
270.482	34355.398	38605.625	24.782
26.252	29.108	1.017	14.745
1/18/2017 9:30:00 AM	559800.000	118.662	19.235
270.468	34352.547	38602.855	24.780
26.250	29.110	1.017	14.738
1/18/2017 9:45:00 AM	560700.000	118.665	19.235
270.473	34353.020	38603.891	24.781
26.251	29.110	1.017	14.742
1/18/2017 10:00:00 AM	561600.000	118.666	19.235
270.476	34331.660	38579.523	24.764
26.234	29.128	1.017	14.742
1/18/2017 10:15:00 AM	562500.000	118.654	19.235
270.449	34363.723	38615.773	24.790
26.259	29.100	1.017	14.772
1/18/2017 10:30:00 AM	563400.000	118.650	19.235
270.441	34373.148	38626.734	24.797
26.266	29.092	1.017	14.777
1/18/2017 10:45:00 AM	564300.000	118.643	19.234
270.424	34366.453	38619.348	24.792
26.261	29.098	1.017	14.783
1/18/2017 11:00:00 AM	565200.000	118.653	19.234
270.446	34337.121	38586.309	24.769
26.239	29.123	1.017	14.776
1/18/2017 11:15:00 AM	566100.000	118.649	19.236
270.437	34355.332	38605.914	24.783
26.252	29.108	1.017	14.772
1/18/2017 11:30:00 AM	567000.000	118.640	19.235
270.416	34348.289	38598.211	24.777
26.247	29.114	1.017	14.773
1/18/2017 11:45:00 AM	567900.000	118.653	19.235
270.446	34373.828	38627.426	24.798
26.267	29.092	1.017	14.771
1/18/2017 12:00:00 PM	568800.000	118.645	19.236
270.428	34355.363	38605.949	24.783
26.252	29.108	1.017	14.760
1/18/2017 12:15:00 PM	569700.000	118.645	19.235

270.429	34346.039	38596.047	24.776
26.245	29.115	1.017	14.761
1/18/2017 12:30:00 PM	570600.000	118.652	19.236
270.445	34371.371	38623.648	24.795
26.264	29.094	1.017	14.746
1/18/2017 12:45:00 PM	571500.000	118.647	19.236
270.434	34353.297	38603.051	24.781
26.250	29.109	1.017	14.743
1/18/2017 1:00:00 PM	572400.000	118.652	19.235
270.445	34345.852	38595.766	24.775
26.245	29.116	1.017	14.740
1/18/2017 1:15:00 PM	573300.000	118.648	19.236
270.435	34346.508	38595.848	24.775
26.245	29.115	1.017	14.730
1/18/2017 1:30:00 PM	574200.000	118.662	19.236
270.468	34353.797	38604.121	24.781
26.251	29.109	1.017	14.725
1/18/2017 1:45:00 PM	575100.000	118.669	19.234
270.484	34363.090	38615.645	24.789
26.259	29.101	1.017	14.723
1/18/2017 2:00:00 PM	576000.000	118.669	19.235
270.484	34347.914	38597.711	24.777
26.246	29.114	1.017	14.714
1/18/2017 2:15:00 PM	576900.000	118.667	19.235
270.479	34345.945	38595.871	24.775
26.245	29.116	1.017	14.706
1/18/2017 2:30:00 PM	577800.000	118.662	19.236
270.467	34375.570	38628.590	24.799
26.267	29.090	1.017	14.700
1/18/2017 2:45:00 PM	578700.000	118.676	19.236
270.500	34373.988	38626.305	24.797
26.266	29.092	1.017	14.690
1/18/2017 3:00:00 PM	579600.000	118.679	19.235
270.505	34360.840	38612.461	24.787
26.256	29.103	1.017	14.676
1/18/2017 3:15:00 PM	580500.000	118.686	19.236
270.522	34373.582	38626.055	24.797
26.266	29.092	1.017	14.673
1/18/2017 3:30:00 PM	581400.000	118.688	19.236
270.526	34367.980	38619.977	24.793
26.262	29.097	1.017	14.667
1/18/2017 3:45:00 PM	582300.000	118.691	19.235
270.534	34339.094	38587.738	24.770
26.240	29.121	1.017	14.672
1/18/2017 4:00:00 PM	583200.000	118.684	19.236
270.518	34340.250	38588.676	24.770
26.240	29.120	1.017	14.672
1/18/2017 4:15:00 PM	584100.000	118.701	19.236
270.557	34332.340	38579.785	24.764
26.234	29.127	1.017	14.660
1/18/2017 4:30:00 PM	585000.000	118.701	19.235
270.557	34366.359	38618.594	24.792
26.261	29.098	1.017	14.654
1/18/2017 4:45:00 PM	585900.000	118.690	19.236
270.531	34359.590	38610.629	24.786
26.255	29.104	1.017	14.657

1/18/2017 5:00:00 PM	586800.000	118.698	19.236
270.549	34376.031	38629.176	24.799
26.268	29.090	1.017	14.647
1/18/2017 5:15:00 PM	587700.000	118.706	19.236
270.567	34379.609	38632.828	24.802
26.270	29.087	1.017	14.638
1/18/2017 5:30:00 PM	588600.000	118.698	19.236
270.549	34348.039	38597.652	24.777
26.246	29.114	1.017	14.635
1/18/2017 5:45:00 PM	589500.000	118.696	19.235
270.545	34365.199	38617.137	24.791
26.260	29.099	1.017	14.632
1/18/2017 6:00:00 PM	590400.000	118.698	19.236
270.549	34364.977	38616.313	24.790
26.259	29.099	1.017	14.630
1/18/2017 6:15:00 PM	591300.000	118.706	19.235
270.568	34345.352	38594.984	24.775
26.245	29.116	1.017	14.622
1/18/2017 6:30:00 PM	592200.000	118.700	19.235
270.553	34351.391	38601.840	24.780
26.249	29.111	1.017	14.629
1/18/2017 6:45:00 PM	593100.000	118.709	19.234
270.574	34364.160	38616.695	24.790
26.259	29.100	1.017	14.627
1/18/2017 7:00:00 PM	594000.000	118.696	19.235
270.545	34356.809	38608.078	24.784
26.253	29.106	1.017	14.631
1/18/2017 7:15:00 PM	594900.000	118.688	19.236
270.527	34362.723	38614.066	24.788
26.258	29.101	1.017	14.629
1/18/2017 7:30:00 PM	595800.000	118.691	19.235
270.533	34320.980	38567.445	24.755
26.226	29.137	1.017	14.635
1/18/2017 7:45:00 PM	596700.000	118.687	19.235
270.524	34346.320	38596.145	24.776
26.245	29.115	1.017	14.637
1/18/2017 8:00:00 PM	597600.000	118.689	19.235
270.530	34352.109	38602.723	24.780
26.250	29.110	1.017	14.639
1/18/2017 8:15:00 PM	598500.000	118.674	19.235
270.494	34358.801	38610.242	24.786
26.255	29.105	1.017	14.640
1/18/2017 8:30:00 PM	599400.000	118.685	19.236
270.520	34375.863	38628.836	24.799
26.268	29.090	1.017	14.641
1/18/2017 8:45:00 PM	600300.000	118.672	19.235
270.491	34358.563	38609.680	24.785
26.255	29.105	1.017	14.645
1/18/2017 9:00:00 PM	601200.000	118.662	19.235
270.467	34352.770	38603.246	24.781
26.250	29.110	1.017	14.653
1/18/2017 9:15:00 PM	602100.000	118.671	19.235
270.488	34347.383	38597.625	24.777
26.246	29.114	1.017	14.646
1/18/2017 9:30:00 PM	603000.000	118.660	19.234
270.463	34351.078	38601.992	24.780

26.249	29.111	1.017	14.647
1/18/2017 9:45:00 PM	603900.000	118.659	19.234
270.461	34349.605	38600.418	24.779
26.248	29.112	1.017	14.649
1/18/2017 10:00:00 PM	604800.000	118.656	19.235
270.453	34346.977	38596.598	24.776
26.246	29.115	1.017	14.658
1/18/2017 10:15:00 PM	605700.000	118.650	19.235
270.440	34343.945	38593.191	24.774
26.243	29.117	1.017	14.657
1/18/2017 10:30:00 PM	606600.000	118.649	19.235
270.438	34367.359	38619.785	24.792
26.261	29.097	1.017	14.660
1/18/2017 10:45:00 PM	607500.000	118.654	19.235
270.449	34359.340	38610.926	24.786
26.255	29.104	1.017	14.655
1/18/2017 11:00:00 PM	608400.000	118.659	19.235
270.460	34339.016	38588.223	24.770
26.240	29.121	1.017	14.656
1/18/2017 11:15:00 PM	609300.000	118.642	19.235
270.421	34342.816	38592.496	24.773
26.243	29.118	1.017	14.665
1/18/2017 11:30:00 PM	610200.000	118.652	19.236
270.444	34342.254	38591.066	24.772
26.242	29.119	1.017	14.657
1/18/2017 11:45:00 PM	611100.000	118.638	19.235
270.413	34347.133	38596.910	24.776
26.246	29.115	1.017	14.670

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: $\mu\text{S}/\text{cm}$

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
1/12/2017	0:00:00	0	137.213	18.2	4704.2
1/12/2017	0:15:00	0	137.207	18.2	4701.9
1/12/2017	0:30:00	0	137.214	18.2	4683.7
1/12/2017	0:45:00	0	137.221	18.2	4722.4
1/12/2017	1:00:00	0	137.242	18.2	4717.8
1/12/2017	1:15:00	0	137.233	18.2	4604.2
1/12/2017	1:30:00	0	137.236	18.2	4703
1/12/2017	1:45:00	0	137.196	18.2	4617.8
1/12/2017	2:00:00	0	137.268	18.2	4553.1
1/12/2017	2:15:00	0	137.267	18.2	4466.8
1/12/2017	2:30:00	0	137.262	18.2	4407.7
1/12/2017	2:45:00	0	137.204	18.2	4445.2
1/12/2017	3:00:00	0	137.284	18.2	4540.6
1/12/2017	3:15:00	0	137.289	18.2	4437.2
1/12/2017	3:30:00	0	137.257	18.2	4453.1
1/12/2017	3:45:00	0	137.234	18.2	4490.6
1/12/2017	4:00:00	0	137.276	18.2	4564.4
1/12/2017	4:15:00	0	137.28	18.2	4441.8
1/12/2017	4:30:00	0	137.285	18.2	4564.4
1/12/2017	4:45:00	0	137.294	18.2	4542.9
1/12/2017	5:00:00	0	137.296	18.2	4466.8
1/12/2017	5:15:00	0	137.29	18.2	4539.5
1/12/2017	5:30:00	0	137.334	18.2	4531.5
1/12/2017	5:45:00	0	137.279	18.2	4556.5
1/12/2017	6:00:00	0	137.311	18.2	4545.1
1/12/2017	6:15:00	0	137.285	18.2	4553.1
1/12/2017	6:30:00	0	137.305	18.2	4547.4
1/12/2017	6:45:00	0	137.32	18.2	4573.5
1/12/2017	7:00:00	0	137.31	18.2	4534.9
1/12/2017	7:15:00	0	137.341	18.2	4497.4
1/12/2017	7:30:00	0	137.327	18.2	4563.3

1/12/2017	7:45:00	0	137.375	18.2	4534.9
1/12/2017	8:00:00	0	137.347	18.2	4539.5
1/12/2017	8:15:00	0	137.36	18.2	4379.3
1/12/2017	8:30:00	0	137.389	18.2	4424.7
1/12/2017	8:45:00	0	137.38	18.2	4338.4
1/12/2017	9:00:00	0	137.354	18.2	4236.1
1/12/2017	9:15:00	0	137.343	18.2	4197.5
1/12/2017	9:30:00	0	137.395	18.2	4089.6
1/12/2017	9:45:00	0	137.404	18.2	4058.9
1/12/2017	10:00:00	0	137.338	18.2	3997.6
1/12/2017	10:15:00	0	137.412	18.2	3909
1/12/2017	10:30:00	0	137.425	18.2	3891.9
1/12/2017	10:45:00	0	137.385	18.2	3880.6
1/12/2017	11:00:00	0	137.387	18.2	3885.1
1/12/2017	11:15:00	0	137.433	18.2	3702.2
1/12/2017	11:30:00	0	137.439	18.2	3721.5
1/12/2017	11:45:00	0	137.382	18.2	3588.6
1/12/2017	12:00:00	0	137.426	18.2	3480.7
1/12/2017	12:15:00	0	137.394	18.1	3431.1
1/12/2017	12:30:00	0	137.435	18.2	3508
1/12/2017	12:45:00	0	137.417	18.2	3509.1
1/12/2017	13:00:00	0	137.419	18.2	3525
1/12/2017	13:15:00	0	137.383	18.2	3519.3
1/12/2017	13:30:00	0	137.362	18.2	3430.7
1/12/2017	13:45:00	0	137.403	18.2	3443.2
1/12/2017	14:00:00	0	137.406	18.2	3490.9
1/12/2017	14:15:00	0	137.366	18.2	3384.1
1/12/2017	14:30:00	0	137.382	18.2	3535.2
1/12/2017	14:45:00	0	137.356	18.2	3528.4
1/12/2017	15:00:00	0	137.373	18.2	3568.2
1/12/2017	15:15:00	0	137.37	18.2	3663.6
1/12/2017	15:30:00	0	135.144	18.2	2752.5
1/12/2017	15:45:00	0	137.324	18.2	3745.4
1/12/2017	16:00:00	0	137.341	18.2	3802.2
1/12/2017	16:15:00	0	137.341	18.2	4006.7
1/12/2017	16:30:00	0	137.341	18.2	4099.8
1/12/2017	16:45:00	0	137.321	18.2	4214.6
1/12/2017	17:00:00	0	137.336	18.2	4299.8
1/12/2017	17:15:00	0	137.293	18.2	4390.6
1/12/2017	17:30:00	0	137.273	18.2	4480.4
1/12/2017	17:45:00	0	137.292	18.2	4587.2
1/12/2017	18:00:00	0	137.266	18.2	4647.4
1/12/2017	18:15:00	0	137.224	18.2	4751.9
1/12/2017	18:30:00	0	137.22	18.2	4842.8
1/12/2017	18:45:00	0	137.25	18.2	4870
1/12/2017	19:00:00	0	137.221	18.2	4898.4
1/12/2017	19:15:00	0	137.196	18.2	4997.3

1/12/2017	19:30:00	0	137.231	18.2	5043.8
1/12/2017	19:45:00	0	137.227	18.2	5033.6
1/12/2017	20:00:00	0	137.2	18.2	5090.4
1/12/2017	20:15:00	0	137.176	18.2	5114.3
1/12/2017	20:30:00	0	137.21	18.2	5105.2
1/12/2017	20:45:00	0	137.169	18.2	5164.3
1/12/2017	21:00:00	0	137.185	18.2	5125.6
1/12/2017	21:15:00	0	137.224	18.2	5196.1
1/12/2017	21:30:00	0	137.2	18.2	5131.3
1/12/2017	21:45:00	0	137.198	18.2	5155.2
1/12/2017	22:00:00	0	137.195	18.2	5108.6
1/12/2017	22:15:00	0	137.174	18.2	5116.5
1/12/2017	22:30:00	0	137.193	18.2	5089.3
1/12/2017	22:45:00	0	137.197	18.2	5089.3
1/12/2017	23:00:00	0	137.214	18.2	5045
1/12/2017	23:15:00	0	137.176	18.2	5018.8
1/12/2017	23:30:00	0	137.196	18.2	4973.4
1/12/2017	23:45:00	0	137.214	18.2	4938.2
1/13/2017	0:00:00	0	137.212	18.2	4910.9
1/13/2017	0:15:00	0	137.21	18.2	4878
1/13/2017	0:30:00	0	137.171	18.2	4803
1/13/2017	0:45:00	0	137.19	18.2	4763.2
1/13/2017	1:00:00	0	137.25	18.2	4731.4
1/13/2017	1:15:00	0	137.264	18.2	4679.2
1/13/2017	1:30:00	0	137.203	18.2	4664.4
1/13/2017	1:45:00	0	137.217	18.2	4601.9
1/13/2017	2:00:00	0	137.211	18.2	4597.4
1/13/2017	2:15:00	0	137.264	18.2	4558.8
1/13/2017	2:30:00	0	137.222	18.2	4523.6
1/13/2017	2:45:00	0	137.259	18.2	4541.7
1/13/2017	3:00:00	0	137.193	18.2	4507.6
1/13/2017	3:15:00	0	137.255	18.2	4592.8
1/13/2017	3:30:00	0	137.231	18.2	4474.7
1/13/2017	3:45:00	0	137.247	18.2	4515.6
1/13/2017	4:00:00	0	137.25	18.2	4537.2
1/13/2017	4:15:00	0	137.225	18.2	4454.3
1/13/2017	4:30:00	0	137.202	18.2	4502
1/13/2017	4:45:00	0	137.243	18.2	4529.2
1/13/2017	5:00:00	0	137.214	18.2	4509.9
1/13/2017	5:15:00	0	137.251	18.2	4606.5
1/13/2017	5:30:00	0	137.251	18.2	4563.3
1/13/2017	5:45:00	0	137.247	18.2	4556.5
1/13/2017	6:00:00	0	137.265	18.2	4612.2
1/13/2017	6:15:00	0	137.264	18.2	4621.2
1/13/2017	6:30:00	0	137.239	18.2	4597.4
1/13/2017	6:45:00	0	137.273	18.2	4596.3
1/13/2017	7:00:00	0	137.246	18.2	4633.7

1/13/2017	7:15:00	0	137.262	18.2	4576.9
1/13/2017	7:30:00	0	137.255	18.2	4590.6
1/13/2017	7:45:00	0	137.267	18.2	4619
1/13/2017	8:00:00	0	137.266	18.2	4569
1/13/2017	8:15:00	0	137.297	18.2	4562.2
1/13/2017	8:30:00	0	137.281	18.2	4542.9
1/13/2017	8:45:00	0	137.288	18.2	4502
1/13/2017	9:00:00	0	137.303	18.2	4503.1
1/13/2017	9:15:00	0	137.318	18.2	4487.2
1/13/2017	9:30:00	0	137.289	18.2	4437.2
1/13/2017	9:45:00	0	137.26	18.2	4417.9
1/13/2017	10:00:00	0	137.272	18.2	4355.4
1/13/2017	10:15:00	0	137.287	18.2	4296.4
1/13/2017	10:30:00	0	137.321	18.2	4247.5
1/13/2017	10:45:00	0	137.281	18.2	4198.7
1/13/2017	11:00:00	0	137.302	18.2	4136.2
1/13/2017	11:15:00	0	137.363	18.2	4101
1/13/2017	11:30:00	0	137.31	18.2	4018
1/13/2017	11:45:00	0	137.313	18.2	3972.6
1/13/2017	12:00:00	0	137.316	18.2	3919.2
1/13/2017	12:15:00	0	137.325	18.2	3871.5
1/13/2017	12:30:00	0	137.317	18.2	3795.4
1/13/2017	12:45:00	0	137.339	18.2	3762.4
1/13/2017	13:00:00	0	137.348	18.2	3709
1/13/2017	13:15:00	0	137.353	18.2	3664.7
1/13/2017	13:30:00	0	137.352	18.2	3647.7
1/13/2017	13:45:00	0	137.331	18.2	3663.6
1/13/2017	14:00:00	0	137.344	18.2	3646.6
1/13/2017	14:15:00	0	137.354	18.2	3689.7
1/13/2017	14:30:00	0	137.313	18.2	3654.5
1/13/2017	14:45:00	0	137.349	18.2	3684
1/13/2017	15:00:00	0	137.313	18.2	3828.3
1/13/2017	15:15:00	0	137.314	18.2	3824.9
1/13/2017	15:30:00	0	137.335	18.2	3845.4
1/13/2017	15:45:00	0	137.302	18.2	3930.6
1/13/2017	16:00:00	0	137.324	18.2	3960.1
1/13/2017	16:15:00	0	137.29	18.2	4077.1
1/13/2017	16:30:00	0	137.275	18.2	4138.4
1/13/2017	16:45:00	0	137.232	18.2	4207.7
1/13/2017	17:00:00	0	137.258	18.2	4389.5
1/13/2017	17:15:00	0	137.237	18.2	4430.4
1/13/2017	17:30:00	0	137.274	18.2	4507.6
1/13/2017	17:45:00	0	137.271	18.2	4580.4
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1/13/2017	18:15:00	0	137.217	18.2	4753
1/13/2017	18:30:00	0	137.222	18.2	4833.7
1/13/2017	18:45:00	0	137.174	18.2	4915.5

1/13/2017	19:00:00	0	137.167	18.2	4933.6
1/13/2017	19:15:00	0	137.165	18.2	5095
1/13/2017	19:30:00	0	137.147	18.2	5099.5
1/13/2017	19:45:00	0	137.128	18.2	5076.8
1/13/2017	20:00:00	0	137.16	18.2	5168.8
1/13/2017	20:15:00	0	137.151	18.2	5201.7
1/13/2017	20:30:00	0	137.159	18.2	5231.3
1/13/2017	20:45:00	0	137.154	18.2	5275.6
1/13/2017	21:00:00	0	137.149	18.2	5280.1
1/13/2017	21:15:00	0	137.105	18.2	5301.7
1/13/2017	21:30:00	0	137.107	18.2	5333.5
1/13/2017	21:45:00	0	137.139	18.2	5393.7
1/13/2017	22:00:00	0	137.139	18.2	5323.3
1/13/2017	22:15:00	0	137.115	18.2	5369.9
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1/13/2017	22:45:00	0	137.108	18.2	5296
1/13/2017	23:00:00	0	137.132	18.2	5242.6
1/13/2017	23:15:00	0	137.137	18.2	5223.3
1/13/2017	23:30:00	0	137.115	18.2	5215.4
1/13/2017	23:45:00	0	137.14	18.2	5181.3
1/14/2017	0:00:00	0	137.148	18.2	5141.5
1/14/2017	0:15:00	0	137.107	18.2	5104
1/14/2017	0:30:00	0	137.146	18.2	5124.5
1/14/2017	0:45:00	0	137.125	18.2	5059.7
1/14/2017	1:00:00	0	137.169	18.2	5041.6
1/14/2017	1:15:00	0	137.172	18.2	4955.2
1/14/2017	1:30:00	0	137.159	18.2	4905.2
1/14/2017	1:45:00	0	137.132	18.2	4884.8
1/14/2017	2:00:00	0	137.174	18.2	4807.6
1/14/2017	2:15:00	0	137.149	18.2	4843.9
1/14/2017	2:30:00	0	137.151	18.2	4829.1
1/14/2017	2:45:00	0	137.188	18.2	4740.5
1/14/2017	3:00:00	0	137.17	18.2	4742.8
1/14/2017	3:15:00	0	137.187	18.2	4684.9
1/14/2017	3:30:00	0	137.154	18.2	4671.2
1/14/2017	3:45:00	0	137.195	18.2	4687.1
1/14/2017	4:00:00	0	137.178	18.2	4680.3
1/14/2017	4:15:00	0	137.192	18.2	4665.6
1/14/2017	4:30:00	0	137.168	18.2	4681.5
1/14/2017	4:45:00	0	137.229	18.2	4631.5
1/14/2017	5:00:00	0	137.212	18.2	4697.4
1/14/2017	5:15:00	0	137.201	18.2	4626.9
1/14/2017	5:30:00	0	137.201	18.2	4625.8
1/14/2017	5:45:00	0	137.202	18.2	4714.4
1/14/2017	6:00:00	0	137.205	18.2	4658.7
1/14/2017	6:15:00	0	137.239	18.2	4651.9
1/14/2017	6:30:00	0	137.219	18.2	4706.4

1/14/2017	6:45:00	0	137.214	18.2	4747.3
1/14/2017	7:00:00	0	137.217	18.2	4703
1/14/2017	7:15:00	0	137.177	18.2	4757.6
1/14/2017	7:30:00	0	137.217	18.2	4766.7
1/14/2017	7:45:00	0	137.179	18.2	4720.1
1/14/2017	8:00:00	0	137.235	18.2	4758.7
1/14/2017	8:15:00	0	137.208	18.2	4756.4
1/14/2017	8:30:00	0	137.234	18.2	4709.9
1/14/2017	8:45:00	0	137.228	18.2	4739.4
1/14/2017	9:00:00	0	137.218	18.2	4723.5
1/14/2017	9:15:00	0	137.248	18.2	4706.4
1/14/2017	9:30:00	0	137.245	18.2	4698.5
1/14/2017	9:45:00	0	137.245	18.2	4720.1
1/14/2017	10:00:00	0	137.225	18.2	4648.5
1/14/2017	10:15:00	0	137.251	18.2	4650.8
1/14/2017	10:30:00	0	137.252	18.2	4575.8
1/14/2017	10:45:00	0	137.276	18.2	4553.1
1/14/2017	11:00:00	0	137.265	18.2	4529.2
1/14/2017	11:15:00	0	137.272	18.2	4462.2
1/14/2017	11:30:00	0	137.278	18.2	4416.8
1/14/2017	11:45:00	0	137.287	18.2	4380.4
1/14/2017	12:00:00	0	137.297	18.2	4338.4
1/14/2017	12:15:00	0	137.29	18.2	4243
1/14/2017	12:30:00	0	137.317	18.2	4215.7
1/14/2017	12:45:00	0	137.283	18.2	4185
1/14/2017	13:00:00	0	137.317	18.2	4129.4
1/14/2017	13:15:00	0	137.304	18.2	4072.6
1/14/2017	13:30:00	0	137.304	18.2	3986.2
1/14/2017	13:45:00	0	137.327	18.2	4019.2
1/14/2017	14:00:00	0	137.32	18.2	3986.2
1/14/2017	14:15:00	0	137.336	18.2	3995.3
1/14/2017	14:30:00	0	137.311	18.2	3951
1/14/2017	14:45:00	0	137.314	18.2	3948.7
1/14/2017	15:00:00	0	137.321	18.2	3988.5
1/14/2017	15:15:00	0	137.304	18.2	3970.3
1/14/2017	15:30:00	0	137.286	18.2	3988.5
1/14/2017	15:45:00	0	137.304	18.2	4024.8
1/14/2017	16:00:00	0	137.244	18.2	4052.1
1/14/2017	16:15:00	0	137.288	18.2	4106.6
1/14/2017	16:30:00	0	137.285	18.2	4206.6
1/14/2017	16:45:00	0	137.26	18.2	4214.6
1/14/2017	17:00:00	0	137.289	18.2	4348.6
1/14/2017	17:15:00	0	137.253	18.2	4328.2
1/14/2017	17:30:00	0	137.257	18.2	4425.9
1/14/2017	17:45:00	0	137.237	18.2	4500.8
1/14/2017	18:00:00	0	137.213	18.2	4589.4
1/14/2017	18:15:00	0	137.212	18.2	4647.4

1/14/2017	18:30:00	0	137.216	18.2	4734.8
1/14/2017	18:45:00	0	137.215	18.2	4843.9
1/14/2017	19:00:00	0	137.215	18.2	4922.3
1/14/2017	19:15:00	0	137.197	18.2	4926.8
1/14/2017	19:30:00	0	137.199	18.2	4991.6
1/14/2017	19:45:00	0	137.139	18.2	5096.1
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1/14/2017	20:15:00	0	137.138	18.2	5127.9
1/14/2017	20:30:00	0	137.155	18.2	5240.4
1/14/2017	20:45:00	0	137.118	18.2	5231.3
1/14/2017	21:00:00	0	137.159	18.2	5339.2
1/14/2017	21:15:00	0	137.121	18.2	5347.2
1/14/2017	21:30:00	0	137.101	18.2	5286.9
1/14/2017	21:45:00	0	137.101	18.2	5357.4
1/14/2017	22:00:00	0	137.144	18.2	5375.6
1/14/2017	22:15:00	0	137.102	18.2	5365.3
1/14/2017	22:30:00	0	137.12	18.2	5357.4
1/14/2017	22:45:00	0	137.123	18.2	5357.4
1/14/2017	23:00:00	0	137.118	18.2	5361.9
1/14/2017	23:15:00	0	137.123	18.2	5318.8
1/14/2017	23:30:00	0	137.121	18.2	5314.2
1/14/2017	23:45:00	0	137.144	18.2	5323.3
1/15/2017	0:00:00	0	137.145	18.2	5349.4
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1/15/2017	0:30:00	0	137.109	18.2	5207.4
1/15/2017	0:45:00	0	137.134	18.2	5146.1
1/15/2017	1:00:00	0	137.178	18.2	5132.4
1/15/2017	1:15:00	0	137.137	18.2	5095
1/15/2017	1:30:00	0	137.156	18.2	5087
1/15/2017	1:45:00	0	137.135	18.2	5031.3
1/15/2017	2:00:00	0	137.154	18.2	5050.7
1/15/2017	2:15:00	0	137.171	18.2	4968.9
1/15/2017	2:30:00	0	137.174	18.2	4898.4
1/15/2017	2:45:00	0	137.172	18.2	4915.5
1/15/2017	3:00:00	0	137.173	18.2	4832.5
1/15/2017	3:15:00	0	137.175	18.2	4854.1
1/15/2017	3:30:00	0	137.211	18.2	4757.6
1/15/2017	3:45:00	0	137.192	18.2	4791.6
1/15/2017	4:00:00	0	137.192	18.2	4816.6
1/15/2017	4:15:00	0	137.153	18.2	4653.1
1/15/2017	4:30:00	0	137.217	18.2	4689.4
1/15/2017	4:45:00	0	137.22	18.2	4657.6
1/15/2017	5:00:00	0	137.205	18.2	4692.8
1/15/2017	5:15:00	0	137.146	18.2	4675.8
1/15/2017	5:30:00	0	137.208	18.2	4612.2
1/15/2017	5:45:00	0	137.246	18.2	4664.4
1/15/2017	6:00:00	0	137.21	18.2	4664.4

1/15/2017	6:15:00	0	137.226	18.2	4671.2
1/15/2017	6:30:00	0	137.188	18.2	4691.7
1/15/2017	6:45:00	0	137.246	18.2	4725.8
1/15/2017	7:00:00	0	137.209	18.2	4709.9
1/15/2017	7:15:00	0	137.19	18.2	4805.3
1/15/2017	7:30:00	0	137.249	18.2	4757.6
1/15/2017	7:45:00	0	137.228	18.2	4747.3
1/15/2017	8:00:00	0	137.241	18.2	4803
1/15/2017	8:15:00	0	137.213	18.2	4740.5
1/15/2017	8:30:00	0	137.222	18.2	4806.4
1/15/2017	8:45:00	0	137.21	18.2	4824.6
1/15/2017	9:00:00	0	137.185	18.2	4801.9
1/15/2017	9:15:00	0	137.197	18.2	4758.7
1/15/2017	9:30:00	0	137.213	18.2	4751.9
1/15/2017	9:45:00	0	137.201	18.2	4782.6
1/15/2017	10:00:00	0	137.233	18.2	4766.7
1/15/2017	10:15:00	0	137.23	18.2	4805.3
1/15/2017	10:30:00	0	137.231	18.2	4737.1
1/15/2017	10:45:00	0	137.215	18.2	4671.2
1/15/2017	11:00:00	0	137.201	18.2	4768.9
1/15/2017	11:15:00	0	137.252	18.2	4654.2
1/15/2017	11:30:00	0	137.238	18.2	4614.4
1/15/2017	11:45:00	0	137.243	18.2	4608.8
1/15/2017	12:00:00	0	137.231	18.2	4548.5
1/15/2017	12:15:00	0	137.239	18.2	4523.6
1/15/2017	12:30:00	0	137.273	18.2	4524.7
1/15/2017	12:45:00	0	137.242	18.2	4470.2
1/15/2017	13:00:00	0	137.306	18.2	4399.7
1/15/2017	13:15:00	0	137.276	18.2	4361.1
1/15/2017	13:30:00	0	137.262	18.2	4323.6
1/15/2017	13:45:00	0	137.304	18.2	4288.4
1/15/2017	14:00:00	0	137.276	18.2	4295.2
1/15/2017	14:15:00	0	137.292	18.2	4266.8
1/15/2017	14:30:00	0	137.287	18.2	4220.2
1/15/2017	14:45:00	0	137.283	18.2	4219.1
1/15/2017	15:00:00	0	137.306	18.2	4215.7
1/15/2017	15:15:00	0	137.309	18.2	4193
1/15/2017	15:30:00	0	137.248	18.2	4236.1
1/15/2017	15:45:00	0	137.274	18.2	4203.2
1/15/2017	16:00:00	0	137.294	18.2	4272.5
1/15/2017	16:15:00	0	137.268	18.2	4243
1/15/2017	16:30:00	0	137.253	18.2	4253.2
1/15/2017	16:45:00	0	137.293	18.2	4277
1/15/2017	17:00:00	0	137.277	18.2	4369.1
1/15/2017	17:15:00	0	137.259	18.2	4374.7
1/15/2017	17:30:00	0	137.256	18.2	4474.7
1/15/2017	17:45:00	0	137.268	18.2	4490.6

1/15/2017	18:00:00	0	137.274	18.2	4565.6
1/15/2017	18:15:00	0	137.209	18.2	4612.2
1/15/2017	18:30:00	0	137.268	18.2	4680.3
1/15/2017	18:45:00	0	137.243	18.2	4695.1
1/15/2017	19:00:00	0	137.197	18.2	4807.6
1/15/2017	19:15:00	0	137.219	18.2	4821.2
1/15/2017	19:30:00	0	137.179	18.2	4925.7
1/15/2017	19:45:00	0	137.196	18.2	4920
1/15/2017	20:00:00	0	137.179	18.2	4971.1
1/15/2017	20:15:00	0	137.178	18.2	5104
1/15/2017	20:30:00	0	137.178	18.2	5077.9
1/15/2017	20:45:00	0	137.176	18.2	5159.7
1/15/2017	21:00:00	0	137.192	18.2	5157.4
1/15/2017	21:15:00	0	137.149	18.2	5242.6
1/15/2017	21:30:00	0	137.132	18.2	5292.6
1/15/2017	21:45:00	0	137.167	18.2	5292.6
1/15/2017	22:00:00	0	137.15	18.2	5338.1
1/15/2017	22:15:00	0	137.15	18.2	5313.1
1/15/2017	22:30:00	0	137.166	18.2	5316.5
1/15/2017	22:45:00	0	137.159	18.2	5318.8
1/15/2017	23:00:00	0	137.136	18.2	5331.2
1/15/2017	23:15:00	0	137.155	18.2	5417.6
1/15/2017	23:30:00	0	137.116	18.2	5306.3
1/15/2017	23:45:00	0	137.121	18.2	5333.5
1/16/2017	0:00:00	0	137.164	18.2	5333.5
1/16/2017	0:15:00	0	137.173	18.2	5292.6
1/16/2017	0:30:00	0	137.137	18.2	5280.1
1/16/2017	0:45:00	0	137.14	18.2	5323.3
1/16/2017	1:00:00	0	137.142	18.2	5292.6
1/16/2017	1:15:00	0	137.144	18.2	5208.6
1/16/2017	1:30:00	0	137.146	18.2	5231.3
1/16/2017	1:45:00	0	137.209	18.2	5141.5
1/16/2017	2:00:00	0	137.172	18.2	5108.6
1/16/2017	2:15:00	0	137.137	18.2	5084.7
1/16/2017	2:30:00	0	137.203	18.2	4988.2
1/16/2017	2:45:00	0	137.2	18.2	4975.7
1/16/2017	3:00:00	0	137.171	18.2	4931.4
1/16/2017	3:15:00	0	137.185	18.2	4939.3
1/16/2017	3:30:00	0	137.192	18.2	4867.8
1/16/2017	3:45:00	0	137.179	18.2	4796.2
1/16/2017	4:00:00	0	137.195	18.2	4773.5
1/16/2017	4:15:00	0	137.21	18.2	4747.3
1/16/2017	4:30:00	0	137.214	18.2	4768.9
1/16/2017	4:45:00	0	137.199	18.2	4725.8
1/16/2017	5:00:00	0	137.196	18.2	4729.2
1/16/2017	5:15:00	0	137.24	18.2	4673.5
1/16/2017	5:30:00	0	137.215	18.2	4725.8

1/16/2017	5:45:00	0	137.234	18.2	4768.9
1/16/2017	6:00:00	0	137.236	18.2	4700.8
1/16/2017	6:15:00	0	137.196	18.2	4690.5
1/16/2017	6:30:00	0	137.212	18.2	4648.5
1/16/2017	6:45:00	0	137.287	18.2	4651.9
1/16/2017	7:00:00	0	137.245	18.2	4674.6
1/16/2017	7:15:00	0	137.223	18.2	4654.2
1/16/2017	7:30:00	0	137.239	18.2	4687.1
1/16/2017	7:45:00	0	137.239	18.2	4701.9
1/16/2017	8:00:00	0	137.255	18.2	4700.8
1/16/2017	8:15:00	0	137.227	18.2	4758.7
1/16/2017	8:30:00	0	137.22	18.2	4746.2
1/16/2017	8:45:00	0	137.23	18.2	4795.1
1/16/2017	9:00:00	0	137.249	18.2	4788.2
1/16/2017	9:15:00	0	137.223	18.2	4790.5
1/16/2017	9:30:00	0	137.207	18.2	4780.3
1/16/2017	9:45:00	0	137.257	18.2	4816.6
1/16/2017	10:00:00	0	137.247	18.2	4840.5
1/16/2017	10:15:00	0	137.262	18.2	4822.3
1/16/2017	10:30:00	0	137.204	18.2	4824.6
1/16/2017	10:45:00	0	137.209	18.2	4813.2
1/16/2017	11:00:00	0	137.241	18.2	4806.4
1/16/2017	11:15:00	0	137.213	18.2	4806.4
1/16/2017	11:30:00	0	137.236	18.2	4788.2
1/16/2017	11:45:00	0	137.245	18.2	4774.6
1/16/2017	12:00:00	0	137.261	18.2	4770.1
1/16/2017	12:15:00	0	137.212	18.2	4712.1
1/16/2017	12:30:00	0	137.279	18.2	4708.7
1/16/2017	12:45:00	0	137.229	18.2	4673.5
1/16/2017	13:00:00	0	137.24	18.2	4653.1
1/16/2017	13:15:00	0	137.278	18.2	4595.1
1/16/2017	13:30:00	0	137.303	18.2	4595.1
1/16/2017	13:45:00	0	137.306	18.2	4580.4
1/16/2017	14:00:00	0	137.249	18.2	4548.5
1/16/2017	14:15:00	0	137.273	18.2	4529.2
1/16/2017	14:30:00	0	137.306	18.2	4487.2
1/16/2017	14:45:00	0	137.25	18.2	4414.5
1/16/2017	15:00:00	0	137.271	18.2	4463.3
1/16/2017	15:15:00	0	137.313	18.2	4417.9
1/16/2017	15:30:00	0	137.29	18.2	4456.5
1/16/2017	15:45:00	0	137.277	18.2	4412.2
1/16/2017	16:00:00	0	137.338	18.2	4405.4
1/16/2017	16:15:00	0	137.305	18.2	4373.6
1/16/2017	16:30:00	0	137.271	18.2	4382.7
1/16/2017	16:45:00	0	137.257	18.2	4412.2
1/16/2017	17:00:00	0	137.318	18.2	4420.2
1/16/2017	17:15:00	0	137.274	18.2	4453.1

1/16/2017	17:30:00	0	137.251	18.2	4504.2
1/16/2017	17:45:00	0	137.291	18.2	4484.9
1/16/2017	18:00:00	0	137.283	18.2	4523.6
1/16/2017	18:15:00	0	137.244	18.2	4612.2
1/16/2017	18:30:00	0	137.229	18.2	4636
1/16/2017	18:45:00	0	137.251	18.2	4665.6
1/16/2017	19:00:00	0	137.267	18.2	4692.8
1/16/2017	19:15:00	0	137.26	18.2	4757.6
1/16/2017	19:30:00	0	137.239	18.2	4829.1
1/16/2017	19:45:00	0	137.239	18.2	4887.1
1/16/2017	20:00:00	0	137.204	18.2	4916.6
1/16/2017	20:15:00	0	137.238	18.2	4966.6
1/16/2017	20:30:00	0	137.274	18.2	4954.1
1/16/2017	20:45:00	0	137.212	18.2	5020
1/16/2017	21:00:00	0	137.232	18.2	5106.3
1/16/2017	21:15:00	0	137.208	18.2	5138.1
1/16/2017	21:30:00	0	137.218	18.2	5141.5
1/16/2017	21:45:00	0	137.18	18.2	5148.4
1/16/2017	22:00:00	0	137.164	18.2	5231.3
1/16/2017	22:15:00	0	137.164	18.2	5213.1
1/16/2017	22:30:00	0	137.168	18.2	5272.2
1/16/2017	22:45:00	0	137.165	18.2	5231.3
1/16/2017	23:00:00	0	137.168	18.2	5277.9
1/16/2017	23:15:00	0	137.166	18.2	5255.1
1/16/2017	23:30:00	0	137.185	18.2	5259.7
1/16/2017	23:45:00	0	137.187	18.2	5349.4
1/17/2017	0:00:00	0	137.205	18.2	5304
1/17/2017	0:15:00	0	137.189	18.2	5297.2
1/17/2017	0:30:00	0	137.177	18.2	5277.9
1/17/2017	0:45:00	0	137.179	18.2	5347.2
1/17/2017	1:00:00	0	137.173	18.2	5231.3
1/17/2017	1:15:00	0	137.17	18.2	5223.3
1/17/2017	1:30:00	0	137.173	18.2	5177.9
1/17/2017	1:45:00	0	137.223	18.2	5154
1/17/2017	2:00:00	0	137.22	18.2	5183.6
1/17/2017	2:15:00	0	137.24	18.2	5095
1/17/2017	2:30:00	0	137.192	18.2	5039.3
1/17/2017	2:45:00	0	137.222	18.2	5038.2
1/17/2017	3:00:00	0	137.21	18.2	4992.7
1/17/2017	3:15:00	0	137.206	18.2	4928
1/17/2017	3:30:00	0	137.261	18.2	4833.7
1/17/2017	3:45:00	0	137.237	18.2	4856.4
1/17/2017	4:00:00	0	137.247	18.2	4828
1/17/2017	4:15:00	0	137.234	18.2	4801.9
1/17/2017	4:30:00	0	137.304	18.2	4739.4
1/17/2017	4:45:00	0	137.263	18.2	4675.8
1/17/2017	5:00:00	0	137.266	18.2	4746.2

1/17/2017	5:15:00	0	137.237	18.2	4669
1/17/2017	5:30:00	0	137.254	18.2	4704.2
1/17/2017	5:45:00	0	137.279	18.2	4619
1/17/2017	6:00:00	0	137.262	18.2	4630.3
1/17/2017	6:15:00	0	137.261	18.2	4641.7
1/17/2017	6:30:00	0	137.315	18.2	4609.9
1/17/2017	6:45:00	0	137.255	18.2	4604.2
1/17/2017	7:00:00	0	137.295	18.2	4570.1
1/17/2017	7:15:00	0	137.303	18.2	4645.1
1/17/2017	7:30:00	0	137.258	18.2	4613.3
1/17/2017	7:45:00	0	137.263	18.2	4621.2
1/17/2017	8:00:00	0	137.297	18.2	4565.6
1/17/2017	8:15:00	0	137.298	18.2	4658.7
1/17/2017	8:30:00	0	137.302	18.2	4601.9
1/17/2017	8:45:00	0	137.28	18.2	4657.6
1/17/2017	9:00:00	0	137.295	18.2	4663.3
1/17/2017	9:15:00	0	137.271	18.2	4749.6
1/17/2017	9:30:00	0	137.27	18.2	4751.9
1/17/2017	9:45:00	0	137.232	18.2	4770.1
1/17/2017	10:00:00	0	137.27	18.2	4757.6
1/17/2017	10:15:00	0	137.269	18.2	4763.2
1/17/2017	10:30:00	0	137.248	18.2	4775.7
1/17/2017	10:45:00	0	137.28	18.2	4832.5
1/17/2017	11:00:00	0	137.26	18.2	4782.6
1/17/2017	11:15:00	0	137.225	18.2	4817.8
1/17/2017	11:30:00	0	137.253	18.2	4805.3
1/17/2017	11:45:00	0	137.248	18.2	4817.8
1/17/2017	12:00:00	0	137.246	18.2	4865.5
1/17/2017	12:15:00	0	137.267	18.2	4764.4
1/17/2017	12:30:00	0	137.277	18.2	4795.1
1/17/2017	12:45:00	0	137.279	18.2	4793.9
1/17/2017	13:00:00	0	137.286	18.2	4763.2
1/17/2017	13:15:00	0	137.257	18.2	4795.1
1/17/2017	13:30:00	0	137.254	18.2	4784.8
1/17/2017	13:45:00	0	137.263	18.2	4855.3
1/17/2017	14:00:00	0	137.255	18.2	4730.3
1/17/2017	14:15:00	0	137.255	18.2	4708.7
1/17/2017	14:30:00	0	137.236	18.2	4725.8
1/17/2017	14:45:00	0	137.25	18.2	4671.2
1/17/2017	15:00:00	0	137.24	18.2	4737.1
1/17/2017	15:15:00	0	137.241	18.2	4653.1
1/17/2017	15:30:00	0	137.263	18.2	4647.4
1/17/2017	15:45:00	0	137.248	18.2	4626.9
1/17/2017	16:00:00	0	137.245	18.2	4631.5
1/17/2017	16:15:00	0	137.261	18.2	4609.9
1/17/2017	16:30:00	0	137.273	18.2	4647.4
1/17/2017	16:45:00	0	137.25	18.2	4630.3

1/17/2017	17:00:00	0	137.239	18.2	4603.1
1/17/2017	17:15:00	0	137.233	18.2	4636
1/17/2017	17:30:00	0	137.236	18.2	4630.3
1/17/2017	17:45:00	0	137.237	18.2	4625.8
1/17/2017	18:00:00	0	137.217	18.2	4642.8
1/17/2017	18:15:00	0	137.248	18.2	4683.7
1/17/2017	18:30:00	0	137.207	18.2	4659.9
1/17/2017	18:45:00	0	137.196	18.2	4707.6
1/17/2017	19:00:00	0	137.234	18.2	4701.9
1/17/2017	19:15:00	0	137.215	18.2	4782.6
1/17/2017	19:30:00	0	137.23	18.2	4736
1/17/2017	19:45:00	0	137.207	18.2	4783.7
1/17/2017	20:00:00	0	137.207	18.2	4914.3
1/17/2017	20:15:00	0	137.163	18.2	4988.2
1/17/2017	20:30:00	0	137.254	18.2	4938.2
1/17/2017	20:45:00	0	137.2	18.2	4941.6
1/17/2017	21:00:00	0	137.172	18.2	5029.1
1/17/2017	21:15:00	0	137.197	18.2	5022.3
1/17/2017	21:30:00	0	137.159	18.2	5126.8
1/17/2017	21:45:00	0	137.163	18.2	5115.4
1/17/2017	22:00:00	0	137.146	18.2	5100.6
1/17/2017	22:15:00	0	137.182	18.2	5173.3
1/17/2017	22:30:00	0	137.146	18.2	5196.1
1/17/2017	22:45:00	0	137.145	18.2	5174.5
1/17/2017	23:00:00	0	137.141	18.2	5218.8
1/17/2017	23:15:00	0	137.152	18.2	5137
1/17/2017	23:30:00	0	137.176	18.2	5226.7
1/17/2017	23:45:00	0	137.179	18.2	5284.7
1/18/2017	0:00:00	0	137.123	18.2	5226.7
1/18/2017	0:15:00	0	137.149	18.2	5309.7
1/18/2017	0:30:00	0	137.164	18.2	5232.4
1/18/2017	0:45:00	0	137.163	18.2	5238.1
1/18/2017	1:00:00	0	137.212	18.2	5243.8
1/18/2017	1:15:00	0	137.146	18.2	5207.4
1/18/2017	1:30:00	0	137.128	18.2	5174.5
1/18/2017	1:45:00	0	137.164	18.2	5194.9
1/18/2017	2:00:00	0	137.158	18.2	5175.6
1/18/2017	2:15:00	0	137.161	18.2	5090.4
1/18/2017	2:30:00	0	137.173	18.2	5034.8
1/18/2017	2:45:00	0	137.199	18.2	5014.3
1/18/2017	3:00:00	0	137.198	18.2	5046.1
1/18/2017	3:15:00	0	137.198	18.2	4981.4
1/18/2017	3:30:00	0	137.189	18.2	4917.7
1/18/2017	3:45:00	0	137.189	18.2	4920
1/18/2017	4:00:00	0	137.192	18.2	4876.8
1/18/2017	4:15:00	0	137.188	18.2	4800.7
1/18/2017	4:30:00	0	137.186	18.2	4790.5

1/18/2017	4:45:00	0	137.23	18.2	4778
1/18/2017	5:00:00	0	137.254	18.2	4746.2
1/18/2017	5:15:00	0	137.216	18.2	4739.4
1/18/2017	5:30:00	0	137.24	18.2	4650.8
1/18/2017	5:45:00	0	137.244	18.2	4608.8
1/18/2017	6:00:00	0	137.253	18.2	4623.5
1/18/2017	6:15:00	0	137.246	18.2	4597.4
1/18/2017	6:30:00	0	137.241	18.2	4557.6
1/18/2017	6:45:00	0	137.244	18.2	4537.2
1/18/2017	7:00:00	0	137.283	18.2	4586
1/18/2017	7:15:00	0	137.265	18.2	4558.8
1/18/2017	7:30:00	0	137.294	18.2	4547.4
1/18/2017	7:45:00	0	137.283	18.2	4571.3
1/18/2017	8:00:00	0	137.27	18.2	4507.6
1/18/2017	8:15:00	0	137.295	18.2	4547.4
1/18/2017	8:30:00	0	137.281	18.2	4557.6
1/18/2017	8:45:00	0	137.315	18.2	4581.5
1/18/2017	9:00:00	0	137.333	18.2	4541.7
1/18/2017	9:15:00	0	137.28	18.2	4582.6
1/18/2017	9:30:00	0	137.271	18.2	4650.8
1/18/2017	9:45:00	0	137.284	18.2	4651.9
1/18/2017	10:00:00	0	137.276	18.2	4647.4
1/18/2017	10:15:00	0	137.257	18.2	4683.7
1/18/2017	10:30:00	0	137.265	18.2	4691.7
1/18/2017	10:45:00	0	137.263	18.2	4725.8
1/18/2017	11:00:00	0	137.303	18.2	4773.5
1/18/2017	11:15:00	0	137.279	18.2	4758.7
1/18/2017	11:30:00	0	137.287	18.2	4768.9
1/18/2017	11:45:00	0	137.316	18.2	4745.1
1/18/2017	12:00:00	0	137.29	18.2	4803
1/18/2017	12:15:00	0	137.307	18.2	4796.2
1/18/2017	12:30:00	0	137.33	18.2	4800.7
1/18/2017	12:45:00	0	137.342	18.2	4836
1/18/2017	13:00:00	0	137.289	18.2	4800.7
1/18/2017	13:15:00	0	137.286	18.2	4845
1/18/2017	13:30:00	0	137.291	18.2	4756.4
1/18/2017	13:45:00	0	137.299	18.2	4813.2
1/18/2017	14:00:00	0	137.285	18.2	4843.9
1/18/2017	14:15:00	0	137.317	18.2	4795.1
1/18/2017	14:30:00	0	137.267	18.2	4788.2
1/18/2017	14:45:00	0	137.327	18.2	4859.8
1/18/2017	15:00:00	0	137.347	18.2	4756.4
1/18/2017	15:15:00	0	137.342	18.2	4742.8
1/18/2017	15:30:00	0	137.291	18.2	4737.1
1/18/2017	15:45:00	0	137.305	18.2	4762.1
1/18/2017	16:00:00	0	137.334	18.2	4717.8
1/18/2017	16:15:00	0	137.326	18.2	4690.5

1/18/2017	16:30:00	0	137.323	18.2	4680.3
1/18/2017	16:45:00	0	137.35	18.2	4664.4
1/18/2017	17:00:00	0	137.362	18.2	4656.5
1/18/2017	17:15:00	0	137.309	18.2	4692.8
1/18/2017	17:30:00	0	137.362	18.2	4629.2
1/18/2017	17:45:00	0	137.349	18.2	4641.7
1/18/2017	18:00:00	0	137.352	18.2	4637.2
1/18/2017	18:15:00	0	137.32	18.2	4674.6
1/18/2017	18:30:00	0	137.319	18.2	4619
1/18/2017	18:45:00	0	137.337	18.2	4621.2
1/18/2017	19:00:00	0	137.383	18.2	4670.1
1/18/2017	19:15:00	0	137.36	18.2	4680.3
1/18/2017	19:30:00	0	137.357	18.2	4667.8
1/18/2017	19:45:00	0	137.354	18.2	4742.8
1/18/2017	20:00:00	0	137.338	18.2	4689.4
1/18/2017	20:15:00	0	137.344	18.2	4758.7
1/18/2017	20:30:00	0	137.34	18.2	4716.7
1/18/2017	20:45:00	0	137.294	18.2	4806.4
1/18/2017	21:00:00	0	137.327	18.2	4796.2
1/18/2017	21:15:00	0	137.307	18.2	4807.6
1/18/2017	21:30:00	0	137.311	18.2	4799.6
1/18/2017	21:45:00	0	137.367	18.2	4883.7
1/18/2017	22:00:00	0	137.33	18.2	4859.8
1/18/2017	22:15:00	0	137.31	18.2	4912.1
1/18/2017	22:30:00	0	137.323	18.2	4893.9
1/18/2017	22:45:00	0	137.329	18.2	4973.4
1/18/2017	23:00:00	0	137.307	18.2	4932.5
1/18/2017	23:15:00	0	137.298	18.2	4920
1/18/2017	23:30:00	0	137.308	18.2	4942.7
1/18/2017	23:45:00	0	137.307	18.2	4992.7

Report Date: 1/20/2017 8:28:52 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_2017-01-19_13-10-55-532-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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. Sensor SN: 427086 Cell Constant: 1.01973 Cell Offset: 0 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
1/19/2017 1:09:30 PM Log Download - Used Battery: 21% Used Memory: 50% User Name: EHernandez Interval
- Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 2:00:00 PM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-
19_14-15-34-875.wsl""

Log Data:

Record Count: 733

Sensors: 2

1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor:	
PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor:	
PCTD(A) 35.8ft		Sensor: Baro-Adj Calc		Sensor: PCTD(A) 35.8ft		Sensor:	
SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086	
SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086	
SN#: 427086		SN#: 427086		SN#: 000000		SN#: 427086	
Elapsed Time		Corrected		Corrected		Corrected	
Date and Time		Seconds		Pressure (PSI)		Temperature (C)	
Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Total Dissolved Solids (ppt)		Depth (ft)	
Salinity (PSU)		Resistivity (ohm-cm)		Water Density (g/cm3)			
Barometric Pressure (PSI)							
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1/12/2017 12:00:00 AM	7200.000	12.417	17.662
28.302	1841.146	2141.252	1.456
1.106	543.140	1.000	14.679
1/12/2017 12:15:00 AM	8100.000	12.416	17.661
28.299	1839.494	2139.368	1.455
1.105	543.628	1.000	14.679
1/12/2017 12:30:00 AM	9000.000	12.422	17.663
28.313	1839.778	2139.599	1.455
1.105	543.544	1.000	14.671
1/12/2017 12:45:00 AM	9900.000	12.422	17.662
28.313	1839.953	2139.861	1.455
1.105	543.492	1.000	14.669
1/12/2017 1:00:00 AM	10800.000	12.426	17.663
28.322	1839.833	2139.697	1.455
1.105	543.528	1.000	14.663
1/12/2017 1:15:00 AM	11700.000	12.426	17.664
28.323	1840.095	2139.956	1.455
1.105	543.450	1.000	14.661
1/12/2017 1:30:00 AM	12600.000	12.423	17.663
28.315	1839.695	2139.510	1.455
1.105	543.568	1.000	14.663
1/12/2017 1:45:00 AM	13500.000	12.425	17.662
28.320	1840.183	2140.153	1.455
1.105	543.424	1.000	14.660
1/12/2017 2:00:00 AM	14400.000	12.423	17.663
28.316	1840.761	2140.755	1.456
1.105	543.254	1.000	14.658
1/12/2017 2:15:00 AM	15300.000	12.417	17.662
28.303	1842.141	2142.397	1.457
1.106	542.847	1.000	14.663
1/12/2017 2:30:00 AM	16200.000	12.410	17.662
28.286	1842.945	2143.324	1.457
1.107	542.610	1.000	14.668
1/12/2017 2:45:00 AM	17100.000	12.412	17.663
28.292	1843.053	2143.441	1.458
1.107	542.578	1.000	14.665
1/12/2017 3:00:00 AM	18000.000	12.411	17.662
28.288	1842.847	2143.222	1.457
1.107	542.639	1.000	14.667
1/12/2017 3:15:00 AM	18900.000	12.416	17.662
28.300	1842.756	2143.129	1.457
1.107	542.665	1.000	14.659
1/12/2017 3:30:00 AM	19800.000	12.421	17.662
28.312	1842.385	2142.693	1.457
1.106	542.775	1.000	14.654
1/12/2017 3:45:00 AM	20700.000	12.408	17.662
28.281	1842.121	2142.411	1.457
1.106	542.853	1.000	14.666
1/12/2017 4:00:00 AM	21600.000	12.419	17.661
28.306	1841.554	2141.764	1.456
1.106	543.020	1.000	14.655

1/12/2017 4:15:00 AM	22500.000	12.416	17.661
28.300	1840.917	2141.024	1.456
1.105	543.207	1.000	14.657
1/12/2017 4:30:00 AM	23400.000	12.417	17.662
28.302	1838.993	2138.732	1.454
1.104	543.776	1.000	14.656
1/12/2017 4:45:00 AM	24300.000	12.420	17.662
28.308	1840.024	2139.955	1.455
1.105	543.471	1.000	14.651
1/12/2017 5:00:00 AM	25200.000	12.418	17.665
28.304	1840.987	2140.905	1.456
1.105	543.187	1.000	14.651
1/12/2017 5:15:00 AM	26100.000	12.415	17.664
28.299	1842.806	2143.112	1.457
1.107	542.651	1.000	14.654
1/12/2017 5:30:00 AM	27000.000	12.417	17.663
28.303	1843.917	2144.450	1.458
1.107	542.324	1.000	14.651
1/12/2017 5:45:00 AM	27900.000	12.420	17.662
28.309	1844.188	2144.781	1.458
1.107	542.244	1.000	14.648
1/12/2017 6:00:00 AM	28800.000	12.410	17.662
28.287	1843.400	2143.890	1.458
1.107	542.476	1.000	14.656
1/12/2017 6:15:00 AM	29700.000	12.410	17.662
28.286	1843.110	2143.529	1.458
1.107	542.561	1.000	14.657
1/12/2017 6:30:00 AM	30600.000	12.417	17.662
28.301	1842.030	2142.264	1.457
1.106	542.879	1.000	14.650
1/12/2017 6:45:00 AM	31500.000	12.408	17.663
28.282	1842.311	2142.545	1.457
1.106	542.796	1.000	14.658
1/12/2017 7:00:00 AM	32400.000	12.402	17.662
28.268	1842.182	2142.437	1.457
1.106	542.834	1.000	14.663
1/12/2017 7:15:00 AM	33300.000	12.407	17.662
28.279	1842.086	2142.349	1.457
1.106	542.863	1.000	14.660
1/12/2017 7:30:00 AM	34200.000	12.400	17.663
28.262	1842.129	2142.353	1.457
1.106	542.850	1.000	14.668
1/12/2017 7:45:00 AM	35100.000	12.394	17.662
28.251	1842.136	2142.407	1.457
1.106	542.848	1.000	14.676
1/12/2017 8:00:00 AM	36000.000	12.397	17.664
28.256	1842.042	2142.220	1.457
1.106	542.876	1.000	14.675
1/12/2017 8:15:00 AM	36900.000	12.392	17.663
28.246	1841.976	2142.168	1.457
1.106	542.895	1.000	14.682
1/12/2017 8:30:00 AM	37800.000	12.386	17.662
28.231	1842.045	2142.285	1.457
1.106	542.875	1.000	14.690

1/12/2017 8:45:00 AM	38700.000	12.386	17.663
28.233	1841.517	2141.659	1.456
1.106	543.031	1.000	14.690
1/12/2017 9:00:00 AM	39600.000	12.379	17.661
28.215	1840.902	2140.998	1.456
1.105	543.212	1.000	14.702
1/12/2017 9:15:00 AM	40500.000	12.389	17.663
28.239	1840.811	2140.834	1.456
1.105	543.239	1.000	14.693
1/12/2017 9:30:00 AM	41400.000	12.389	17.662
28.239	1840.482	2140.489	1.456
1.105	543.336	1.000	14.694
1/12/2017 9:45:00 AM	42300.000	12.377	17.661
28.211	1840.314	2140.331	1.455
1.105	543.385	1.000	14.710
1/12/2017 10:00:00 AM	43200.000	12.384	17.663
28.228	1840.239	2140.164	1.455
1.105	543.408	1.000	14.705
1/12/2017 10:15:00 AM	44100.000	12.385	17.663
28.230	1840.865	2140.863	1.456
1.105	543.223	1.000	14.706
1/12/2017 10:30:00 AM	45000.000	12.389	17.662
28.237	1841.281	2141.393	1.456
1.106	543.100	1.000	14.706
1/12/2017 10:45:00 AM	45900.000	12.386	17.662
28.233	1841.282	2141.415	1.456
1.106	543.100	1.000	14.711
1/12/2017 11:00:00 AM	46800.000	12.394	17.663
28.251	1841.481	2141.613	1.456
1.106	543.041	1.000	14.705
1/12/2017 11:15:00 AM	47700.000	12.397	17.662
28.256	1841.408	2141.558	1.456
1.106	543.063	1.000	14.704
1/12/2017 11:30:00 AM	48600.000	12.389	17.661
28.239	1840.586	2140.664	1.456
1.105	543.305	1.000	14.712
1/12/2017 11:45:00 AM	49500.000	12.399	17.662
28.261	1840.486	2140.493	1.456
1.105	543.335	1.000	14.705
1/12/2017 12:00:00 PM	50400.000	12.396	17.662
28.255	1839.787	2139.676	1.455
1.105	543.541	1.000	14.703
1/12/2017 12:15:00 PM	51300.000	12.404	17.662
28.274	1838.869	2138.608	1.454
1.104	543.813	1.000	14.701
1/12/2017 12:30:00 PM	52200.000	12.402	17.662
28.269	1839.661	2139.517	1.455
1.105	543.578	1.000	14.701
1/12/2017 12:45:00 PM	53100.000	12.410	17.663
28.285	1840.319	2140.244	1.455
1.105	543.384	1.000	14.695
1/12/2017 1:00:00 PM	54000.000	12.407	17.663
28.278	1839.594	2139.406	1.455
1.105	543.598	1.000	14.697

1/12/2017 1:15:00 PM	54900.000	12.404	17.662
28.274	1840.279	2140.223	1.455
1.105	543.396	1.000	14.699
1/12/2017 1:30:00 PM	55800.000	12.410	17.662
28.286	1839.838	2139.723	1.455
1.105	543.526	1.000	14.694
1/12/2017 1:45:00 PM	56700.000	12.412	17.663
28.291	1840.280	2140.199	1.455
1.105	543.396	1.000	14.697
1/12/2017 2:00:00 PM	57600.000	12.405	17.663
28.275	1840.130	2140.046	1.455
1.105	543.440	1.000	14.699
1/12/2017 2:15:00 PM	58500.000	12.410	17.662
28.287	1840.416	2140.395	1.455
1.105	543.355	1.000	14.692
1/12/2017 2:30:00 PM	59400.000	12.404	17.663
28.273	1841.182	2141.257	1.456
1.106	543.129	1.000	14.698
1/12/2017 2:45:00 PM	60300.000	12.408	17.662
28.282	1841.134	2141.256	1.456
1.106	543.143	1.000	14.695
1/12/2017 3:00:00 PM	61200.000	12.403	17.662
28.270	1840.133	2140.062	1.455
1.105	543.439	1.000	14.701
1/12/2017 3:15:00 PM	62100.000	12.402	17.662
28.269	1840.239	2140.193	1.455
1.105	543.408	1.000	14.703
1/12/2017 3:30:00 PM	63000.000	12.403	17.665
28.271	1840.852	2140.790	1.456
1.105	543.227	1.000	14.701
1/12/2017 3:45:00 PM	63900.000	12.400	17.666
28.262	1853.001	2154.864	1.465
1.113	539.665	1.000	14.704
1/12/2017 4:00:00 PM	64800.000	12.398	17.664
28.259	1853.631	2155.692	1.466
1.113	539.482	1.000	14.707
1/12/2017 4:15:00 PM	65700.000	12.400	17.662
28.263	1853.173	2155.219	1.466
1.113	539.615	1.000	14.706
1/12/2017 4:30:00 PM	66600.000	12.397	17.663
28.256	1850.625	2152.222	1.464
1.112	540.358	1.000	14.710
1/12/2017 4:45:00 PM	67500.000	12.402	17.663
28.269	1848.044	2149.250	1.461
1.110	541.113	1.000	14.705
1/12/2017 5:00:00 PM	68400.000	12.401	17.663
28.267	1846.495	2147.419	1.460
1.109	541.567	1.000	14.706
1/12/2017 5:15:00 PM	69300.000	12.397	17.663
28.257	1845.664	2146.465	1.460
1.108	541.810	1.000	14.713
1/12/2017 5:30:00 PM	70200.000	12.409	17.663
28.283	1844.784	2145.459	1.459
1.108	542.069	1.000	14.701

1/12/2017 5:45:00 PM	71100.000	12.398	17.663
28.260	1843.390	2143.820	1.458
1.107	542.479	1.000	14.712
1/12/2017 6:00:00 PM	72000.000	12.408	17.664
28.282	1842.125	2142.312	1.457
1.106	542.851	1.000	14.705
1/12/2017 6:15:00 PM	72900.000	12.396	17.663
28.255	1841.912	2142.114	1.457
1.106	542.914	1.000	14.718
1/12/2017 6:30:00 PM	73800.000	12.404	17.664
28.273	1841.312	2141.371	1.456
1.106	543.091	1.000	14.710
1/12/2017 6:45:00 PM	74700.000	12.396	17.663
28.254	1841.359	2141.446	1.456
1.106	543.077	1.000	14.719
1/12/2017 7:00:00 PM	75600.000	12.390	17.662
28.241	1841.610	2141.813	1.456
1.106	543.003	1.000	14.725
1/12/2017 7:15:00 PM	76500.000	12.393	17.662
28.248	1842.047	2142.296	1.457
1.106	542.874	1.000	14.725
1/12/2017 7:30:00 PM	77400.000	12.393	17.663
28.248	1841.679	2141.827	1.456
1.106	542.983	1.000	14.726
1/12/2017 7:45:00 PM	78300.000	12.391	17.663
28.244	1841.730	2141.890	1.456
1.106	542.968	1.000	14.731
1/12/2017 8:00:00 PM	79200.000	12.388	17.662
28.237	1841.428	2141.597	1.456
1.106	543.057	1.000	14.735
1/12/2017 8:15:00 PM	80100.000	12.391	17.662
28.243	1840.964	2141.045	1.456
1.105	543.194	1.000	14.734
1/12/2017 8:30:00 PM	81000.000	12.386	17.664
28.233	1840.613	2140.558	1.456
1.105	543.297	1.000	14.740
1/12/2017 8:45:00 PM	81900.000	12.389	17.663
28.239	1840.075	2139.961	1.455
1.105	543.456	1.000	14.741
1/12/2017 9:00:00 PM	82800.000	12.397	17.662
28.257	1840.267	2140.218	1.455
1.105	543.399	1.000	14.733
1/12/2017 9:15:00 PM	83700.000	12.397	17.663
28.256	1841.423	2141.508	1.456
1.106	543.058	1.000	14.736
1/12/2017 9:30:00 PM	84600.000	12.391	17.662
28.243	1839.893	2139.799	1.455
1.105	543.510	1.000	14.744
1/12/2017 9:45:00 PM	85500.000	12.395	17.663
28.252	1839.732	2139.579	1.455
1.105	543.557	1.000	14.741
1/12/2017 10:00:00 PM	86400.000	12.397	17.661
28.256	1839.474	2139.378	1.455
1.105	543.634	1.000	14.740

1/12/2017 10:15:00 PM	87300.000	12.389	17.662
28.237	1838.935	2138.660	1.454
1.104	543.793	1.000	14.751
1/12/2017 10:30:00 PM	88200.000	12.391	17.663
28.242	1836.875	2136.228	1.453
1.103	544.403	1.000	14.749
1/12/2017 10:45:00 PM	89100.000	12.395	17.663
28.251	1837.173	2136.574	1.453
1.103	544.314	1.000	14.747
1/12/2017 11:00:00 PM	90000.000	12.390	17.662
28.241	1837.776	2137.316	1.453
1.103	544.136	1.000	14.754
1/12/2017 11:15:00 PM	90900.000	12.390	17.662
28.240	1839.050	2138.831	1.454
1.104	543.759	1.000	14.755
1/12/2017 11:30:00 PM	91800.000	12.393	17.662
28.247	1838.819	2138.542	1.454
1.104	543.827	1.000	14.752
1/12/2017 11:45:00 PM	92700.000	12.396	17.663
28.255	1839.134	2138.854	1.454
1.104	543.734	1.000	14.750
1/13/2017 12:00:00 AM	93600.000	12.397	17.663
28.256	1839.647	2139.485	1.455
1.105	543.582	1.000	14.752
1/13/2017 12:15:00 AM	94500.000	12.391	17.662
28.243	1840.005	2139.938	1.455
1.105	543.477	1.000	14.756
1/13/2017 12:30:00 AM	95400.000	12.399	17.662
28.261	1840.332	2140.301	1.455
1.105	543.380	1.000	14.751
1/13/2017 12:45:00 AM	96300.000	12.403	17.663
28.270	1841.408	2141.499	1.456
1.106	543.063	1.000	14.747
1/13/2017 1:00:00 AM	97200.000	12.397	17.662
28.256	1841.295	2141.447	1.456
1.106	543.096	1.000	14.754
1/13/2017 1:15:00 AM	98100.000	12.393	17.663
28.248	1840.267	2140.201	1.455
1.105	543.399	1.000	14.759
1/13/2017 1:30:00 AM	99000.000	12.400	17.662
28.263	1841.269	2141.387	1.456
1.106	543.104	1.000	14.753
1/13/2017 1:45:00 AM	99900.000	12.394	17.663
28.250	1840.092	2139.960	1.455
1.105	543.451	1.000	14.760
1/13/2017 2:00:00 AM	100800.000	12.392	17.663
28.245	1841.338	2141.430	1.456
1.106	543.083	1.000	14.762
1/13/2017 2:15:00 AM	101700.000	12.394	17.663
28.250	1841.397	2141.486	1.456
1.106	543.066	1.000	14.762
1/13/2017 2:30:00 AM	102600.000	12.403	17.661
28.269	1841.606	2141.817	1.456
1.106	543.004	1.000	14.755

1/13/2017 2:45:00 AM	103500.000	12.397	17.663
28.257	1841.138	2141.214	1.456
1.106	543.142	1.000	14.762
1/13/2017 3:00:00 AM	104400.000	12.390	17.662
28.241	1841.086	2141.199	1.456
1.106	543.158	1.000	14.771
1/13/2017 3:15:00 AM	105300.000	12.390	17.662
28.241	1840.783	2140.856	1.456
1.105	543.247	1.000	14.771
1/13/2017 3:30:00 AM	106200.000	12.397	17.663
28.257	1840.435	2140.396	1.455
1.105	543.350	1.000	14.767
1/13/2017 3:45:00 AM	107100.000	12.392	17.664
28.245	1840.080	2139.933	1.455
1.105	543.455	1.000	14.774
1/13/2017 4:00:00 AM	108000.000	12.393	17.662
28.246	1839.010	2138.777	1.454
1.104	543.771	1.000	14.773
1/13/2017 4:15:00 AM	108900.000	12.394	17.663
28.250	1838.974	2138.664	1.454
1.104	543.782	1.000	14.772
1/13/2017 4:30:00 AM	109800.000	12.400	17.661
28.262	1839.920	2139.869	1.455
1.105	543.502	1.000	14.770
1/13/2017 4:45:00 AM	110700.000	12.398	17.663
28.259	1839.181	2138.942	1.454
1.104	543.720	1.000	14.772
1/13/2017 5:00:00 AM	111600.000	12.396	17.663
28.255	1838.598	2138.251	1.454
1.104	543.893	1.000	14.776
1/13/2017 5:15:00 AM	112500.000	12.390	17.662
28.240	1839.188	2138.968	1.454
1.104	543.718	1.000	14.783
1/13/2017 5:30:00 AM	113400.000	12.396	17.663
28.255	1840.340	2140.290	1.455
1.105	543.378	1.000	14.778
1/13/2017 5:45:00 AM	114300.000	12.399	17.662
28.261	1840.245	2140.197	1.455
1.105	543.406	1.000	14.776
1/13/2017 6:00:00 AM	115200.000	12.394	17.662
28.249	1841.151	2141.238	1.456
1.106	543.138	1.000	14.784
1/13/2017 6:15:00 AM	116100.000	12.402	17.663
28.267	1841.964	2142.141	1.457
1.106	542.899	1.000	14.777
1/13/2017 6:30:00 AM	117000.000	12.399	17.663
28.262	1841.826	2141.998	1.457
1.106	542.939	1.000	14.780
1/13/2017 6:45:00 AM	117900.000	12.392	17.663
28.244	1841.720	2141.870	1.456
1.106	542.971	1.000	14.788
1/13/2017 7:00:00 AM	118800.000	12.394	17.663
28.250	1843.474	2143.918	1.458
1.107	542.454	1.000	14.789

1/13/2017 7:15:00 AM	119700.000	12.395	17.662
28.251	1841.734	2141.944	1.457
1.106	542.967	1.000	14.789
1/13/2017 7:30:00 AM	120600.000	12.393	17.662
28.248	1840.556	2140.545	1.456
1.105	543.314	1.000	14.791
1/13/2017 7:45:00 AM	121500.000	12.388	17.663
28.235	1840.812	2140.822	1.456
1.105	543.239	1.000	14.798
1/13/2017 8:00:00 AM	122400.000	12.396	17.664
28.253	1842.408	2142.641	1.457
1.106	542.768	1.000	14.793
1/13/2017 8:15:00 AM	123300.000	12.392	17.662
28.245	1841.384	2141.517	1.456
1.106	543.070	1.000	14.798
1/13/2017 8:30:00 AM	124200.000	12.388	17.663
28.237	1841.663	2141.829	1.456
1.106	542.988	1.000	14.803
1/13/2017 8:45:00 AM	125100.000	12.388	17.661
28.237	1842.226	2142.542	1.457
1.106	542.821	1.000	14.805
1/13/2017 9:00:00 AM	126000.000	12.391	17.662
28.244	1841.433	2141.565	1.456
1.106	543.055	1.000	14.806
1/13/2017 9:15:00 AM	126900.000	12.383	17.663
28.225	1842.146	2142.390	1.457
1.106	542.845	1.000	14.815
1/13/2017 9:30:00 AM	127800.000	12.388	17.664
28.236	1841.037	2141.026	1.456
1.105	543.172	1.000	14.812
1/13/2017 9:45:00 AM	128700.000	12.386	17.662
28.232	1840.982	2141.057	1.456
1.105	543.188	1.000	14.816
1/13/2017 10:00:00 AM	129600.000	12.387	17.662
28.233	1840.677	2140.715	1.456
1.105	543.278	1.000	14.818
1/13/2017 10:15:00 AM	130500.000	12.386	17.662
28.232	1840.543	2140.563	1.456
1.105	543.318	1.000	14.821
1/13/2017 10:30:00 AM	131400.000	12.383	17.663
28.225	1840.883	2140.922	1.456
1.105	543.217	1.000	14.826
1/13/2017 10:45:00 AM	132300.000	12.386	17.663
28.231	1840.257	2140.190	1.455
1.105	543.402	1.000	14.824
1/13/2017 11:00:00 AM	133200.000	12.390	17.663
28.242	1839.875	2139.737	1.455
1.105	543.515	1.000	14.822
1/13/2017 11:15:00 AM	134100.000	12.388	17.663
28.236	1839.664	2139.500	1.455
1.105	543.578	1.000	14.825
1/13/2017 11:30:00 AM	135000.000	12.398	17.663
28.259	1839.919	2139.796	1.455
1.105	543.502	1.000	14.817

1/13/2017 11:45:00 AM	135900.000	12.400	17.662
28.264	1840.368	2140.327	1.455
1.105	543.370	1.000	14.815
1/13/2017 12:00:00 PM	136800.000	12.401	17.663
28.266	1840.166	2140.088	1.455
1.105	543.429	1.000	14.816
1/13/2017 12:15:00 PM	137700.000	12.403	17.664
28.271	1840.238	2140.122	1.455
1.105	543.408	1.000	14.814
1/13/2017 12:30:00 PM	138600.000	12.417	17.663
28.302	1841.084	2141.147	1.456
1.106	543.158	1.000	14.801
1/13/2017 12:45:00 PM	139500.000	12.412	17.663
28.292	1841.696	2141.834	1.456
1.106	542.978	1.000	14.804
1/13/2017 1:00:00 PM	140400.000	12.413	17.662
28.293	1841.386	2141.531	1.456
1.106	543.069	1.000	14.804
1/13/2017 1:15:00 PM	141300.000	12.413	17.664
28.293	1841.997	2142.167	1.457
1.106	542.889	1.000	14.802
1/13/2017 1:30:00 PM	142200.000	12.413	17.661
28.293	1841.657	2141.875	1.456
1.106	542.989	1.000	14.802
1/13/2017 1:45:00 PM	143100.000	12.408	17.663
28.283	1840.482	2140.418	1.455
1.105	543.336	1.000	14.805
1/13/2017 2:00:00 PM	144000.000	12.414	17.663
28.296	1841.526	2141.662	1.456
1.106	543.028	1.000	14.799
1/13/2017 2:15:00 PM	144900.000	12.406	17.664
28.276	1840.738	2140.707	1.456
1.105	543.260	1.000	14.807
1/13/2017 2:30:00 PM	145800.000	12.405	17.662
28.276	1840.899	2140.952	1.456
1.105	543.213	1.000	14.807
1/13/2017 2:45:00 PM	146700.000	12.406	17.663
28.277	1841.653	2141.797	1.456
1.106	542.990	1.000	14.808
1/13/2017 3:00:00 PM	147600.000	12.405	17.663
28.275	1841.601	2141.715	1.456
1.106	543.006	1.000	14.808
1/13/2017 3:15:00 PM	148500.000	12.406	17.664
28.276	1841.613	2141.712	1.456
1.106	543.002	1.000	14.809
1/13/2017 3:30:00 PM	149400.000	12.410	17.664
28.287	1841.888	2142.033	1.457
1.106	542.921	1.000	14.805
1/13/2017 3:45:00 PM	150300.000	12.402	17.664
28.267	1841.009	2141.010	1.456
1.105	543.180	1.000	14.813
1/13/2017 4:00:00 PM	151200.000	12.412	17.664
28.290	1841.003	2140.999	1.456
1.105	543.182	1.000	14.802

1/13/2017 4:15:00 PM	152100.000	12.418	17.663
28.304	1841.209	2141.272	1.456
1.106	543.121	1.000	14.797
1/13/2017 4:30:00 PM	153000.000	12.411	17.664
28.288	1842.114	2142.295	1.457
1.106	542.855	1.000	14.804
1/13/2017 4:45:00 PM	153900.000	12.415	17.663
28.297	1841.856	2142.029	1.457
1.106	542.931	1.000	14.801
1/13/2017 5:00:00 PM	154800.000	12.412	17.664
28.290	1841.372	2141.441	1.456
1.106	543.073	1.000	14.803
1/13/2017 5:15:00 PM	155700.000	12.420	17.663
28.309	1841.493	2141.589	1.456
1.106	543.038	1.000	14.795
1/13/2017 5:30:00 PM	156600.000	12.413	17.664
28.293	1843.508	2143.899	1.458
1.107	542.444	1.000	14.801
1/13/2017 5:45:00 PM	157500.000	12.406	17.663
28.277	1842.481	2142.759	1.457
1.106	542.746	1.000	14.809
1/13/2017 6:00:00 PM	158400.000	12.406	17.664
28.277	1842.710	2143.001	1.457
1.107	542.679	1.000	14.807
1/13/2017 6:15:00 PM	159300.000	12.406	17.662
28.277	1842.530	2142.870	1.457
1.106	542.732	1.000	14.808
1/13/2017 6:30:00 PM	160200.000	12.414	17.663
28.295	1841.858	2142.018	1.457
1.106	542.930	1.000	14.801
1/13/2017 6:45:00 PM	161100.000	12.416	17.663
28.299	1841.613	2141.770	1.456
1.106	543.002	1.000	14.799
1/13/2017 7:00:00 PM	162000.000	12.402	17.662
28.268	1842.298	2142.584	1.457
1.106	542.800	1.000	14.812
1/13/2017 7:15:00 PM	162900.000	12.405	17.662
28.275	1842.668	2143.003	1.457
1.107	542.691	1.000	14.811
1/13/2017 7:30:00 PM	163800.000	12.410	17.662
28.286	1840.332	2140.298	1.455
1.105	543.380	1.000	14.806
1/13/2017 7:45:00 PM	164700.000	12.405	17.664
28.275	1841.148	2141.180	1.456
1.106	543.140	1.000	14.811
1/13/2017 8:00:00 PM	165600.000	12.400	17.663
28.263	1843.069	2143.451	1.458
1.107	542.573	1.000	14.817
1/13/2017 8:15:00 PM	166500.000	12.406	17.665
28.277	1842.962	2143.223	1.457
1.107	542.605	1.000	14.810
1/13/2017 8:30:00 PM	167400.000	12.401	17.663
28.265	1843.686	2144.169	1.458
1.107	542.392	1.000	14.819

1/13/2017 8:45:00 PM	168300.000	12.396	17.663
28.255	1844.526	2145.130	1.459
1.108	542.145	1.000	14.824
1/13/2017 9:00:00 PM	169200.000	12.392	17.663
28.245	1843.929	2144.460	1.458
1.107	542.320	1.000	14.830
1/13/2017 9:15:00 PM	170100.000	12.391	17.664
28.243	1843.500	2143.919	1.458
1.107	542.446	1.000	14.833
1/13/2017 9:30:00 PM	171000.000	12.396	17.663
28.255	1843.639	2144.106	1.458
1.107	542.406	1.000	14.830
1/13/2017 9:45:00 PM	171900.000	12.393	17.662
28.247	1843.893	2144.447	1.458
1.107	542.331	1.000	14.834
1/13/2017 10:00:00 PM	172800.000	12.394	17.663
28.249	1843.520	2143.967	1.458
1.107	542.441	1.000	14.836
1/13/2017 10:15:00 PM	173700.000	12.400	17.663
28.264	1843.688	2144.142	1.458
1.107	542.391	1.000	14.831
1/13/2017 10:30:00 PM	174600.000	12.396	17.662
28.254	1843.471	2143.952	1.458
1.107	542.455	1.000	14.836
1/13/2017 10:45:00 PM	175500.000	12.399	17.663
28.261	1843.135	2143.523	1.458
1.107	542.554	1.000	14.835
1/13/2017 11:00:00 PM	176400.000	12.402	17.663
28.268	1842.556	2142.846	1.457
1.106	542.724	1.000	14.832
1/13/2017 11:15:00 PM	177300.000	12.404	17.662
28.272	1842.929	2143.334	1.457
1.107	542.614	1.000	14.833
1/13/2017 11:30:00 PM	178200.000	12.400	17.663
28.263	1843.071	2143.428	1.458
1.107	542.573	1.000	14.836
1/13/2017 11:45:00 PM	179100.000	12.406	17.663
28.278	1842.997	2143.375	1.457
1.107	542.595	1.000	14.833
1/14/2017 12:00:00 AM	180000.000	12.411	17.662
28.288	1842.853	2143.218	1.457
1.107	542.637	1.000	14.828
1/14/2017 12:15:00 AM	180900.000	12.409	17.663
28.283	1842.166	2142.393	1.457
1.106	542.839	1.000	14.831
1/14/2017 12:30:00 AM	181800.000	12.406	17.663
28.278	1839.736	2139.559	1.455
1.105	543.556	1.000	14.834
1/14/2017 12:45:00 AM	182700.000	12.411	17.663
28.289	1840.279	2140.219	1.455
1.105	543.396	1.000	14.829
1/14/2017 1:00:00 AM	183600.000	12.407	17.662
28.279	1839.543	2139.384	1.455
1.105	543.613	1.000	14.834

1/14/2017 1:15:00 AM	184500.000	12.410	17.664
28.286	1839.994	2139.825	1.455
1.105	543.480	1.000	14.830
1/14/2017 1:30:00 AM	185400.000	12.415	17.664
28.298	1840.774	2140.724	1.456
1.105	543.250	1.000	14.824
1/14/2017 1:45:00 AM	186300.000	12.411	17.663
28.288	1841.486	2141.585	1.456
1.106	543.040	1.000	14.831
1/14/2017 2:00:00 AM	187200.000	12.411	17.662
28.288	1842.054	2142.288	1.457
1.106	542.872	1.000	14.830
1/14/2017 2:15:00 AM	188100.000	12.413	17.664
28.293	1841.908	2142.047	1.457
1.106	542.915	1.000	14.828
1/14/2017 2:30:00 AM	189000.000	12.413	17.664
28.292	1841.974	2142.123	1.457
1.106	542.896	1.000	14.828
1/14/2017 2:45:00 AM	189900.000	12.408	17.664
28.282	1842.304	2142.500	1.457
1.106	542.799	1.000	14.832
1/14/2017 3:00:00 AM	190800.000	12.411	17.662
28.288	1842.446	2142.764	1.457
1.106	542.757	1.000	14.830
1/14/2017 3:15:00 AM	191700.000	12.401	17.663
28.266	1842.172	2142.403	1.457
1.106	542.838	1.000	14.839
1/14/2017 3:30:00 AM	192600.000	12.415	17.664
28.298	1841.611	2141.689	1.456
1.106	543.003	1.000	14.825
1/14/2017 3:45:00 AM	193500.000	12.411	17.663
28.289	1842.066	2142.277	1.457
1.106	542.869	1.000	14.829
1/14/2017 4:00:00 AM	194400.000	12.412	17.662
28.290	1842.041	2142.277	1.457
1.106	542.876	1.000	14.828
1/14/2017 4:15:00 AM	195300.000	12.409	17.663
28.283	1842.266	2142.526	1.457
1.106	542.810	1.000	14.832
1/14/2017 4:30:00 AM	196200.000	12.401	17.664
28.265	1840.843	2140.826	1.456
1.105	543.229	1.000	14.840
1/14/2017 4:45:00 AM	197100.000	12.412	17.663
28.292	1841.171	2141.215	1.456
1.106	543.133	1.000	14.829
1/14/2017 5:00:00 AM	198000.000	12.405	17.663
28.274	1841.769	2141.931	1.457
1.106	542.956	1.000	14.837
1/14/2017 5:15:00 AM	198900.000	12.422	17.663
28.314	1841.706	2141.862	1.456
1.106	542.975	1.000	14.824
1/14/2017 5:30:00 AM	199800.000	12.404	17.663
28.271	1840.510	2140.468	1.456
1.105	543.328	1.000	14.838

1/14/2017 5:45:00 AM	200700.000	12.416	17.663
28.300	1838.727	2138.376	1.454
1.104	543.855	1.000	14.825
1/14/2017 6:00:00 AM	201600.000	12.414	17.663
28.295	1841.387	2141.479	1.456
1.106	543.069	1.000	14.827
1/14/2017 6:15:00 AM	202500.000	12.415	17.663
28.297	1841.957	2142.159	1.457
1.106	542.901	1.000	14.826
1/14/2017 6:30:00 AM	203400.000	12.414	17.663
28.295	1841.773	2141.953	1.457
1.106	542.955	1.000	14.827
1/14/2017 6:45:00 AM	204300.000	12.419	17.663
28.308	1841.441	2141.541	1.456
1.106	543.053	1.000	14.822
1/14/2017 7:00:00 AM	205200.000	12.410	17.663
28.286	1841.920	2142.090	1.457
1.106	542.912	1.000	14.832
1/14/2017 7:15:00 AM	206100.000	12.411	17.663
28.289	1841.433	2141.549	1.456
1.106	543.055	1.000	14.830
1/14/2017 7:30:00 AM	207000.000	12.413	17.664
28.294	1842.534	2142.767	1.457
1.106	542.731	1.000	14.829
1/14/2017 7:45:00 AM	207900.000	12.415	17.663
28.297	1841.716	2141.869	1.456
1.106	542.972	1.000	14.827
1/14/2017 8:00:00 AM	208800.000	12.413	17.663
28.293	1842.938	2143.282	1.457
1.107	542.612	1.000	14.829
1/14/2017 8:15:00 AM	209700.000	12.417	17.663
28.303	1843.693	2144.147	1.458
1.107	542.390	1.000	14.826
1/14/2017 8:30:00 AM	210600.000	12.410	17.664
28.285	1843.505	2143.896	1.458
1.107	542.445	1.000	14.832
1/14/2017 8:45:00 AM	211500.000	12.403	17.664
28.271	1842.175	2142.361	1.457
1.106	542.837	1.000	14.835
1/14/2017 9:00:00 AM	212400.000	12.406	17.663
28.277	1842.289	2142.523	1.457
1.106	542.803	1.000	14.838
1/14/2017 9:15:00 AM	213300.000	12.406	17.664
28.276	1839.576	2139.348	1.455
1.105	543.603	1.000	14.838
1/14/2017 9:30:00 AM	214200.000	12.402	17.663
28.267	1840.306	2140.247	1.455
1.105	543.388	1.000	14.843
1/14/2017 9:45:00 AM	215100.000	12.404	17.663
28.271	1841.406	2141.509	1.456
1.106	543.063	1.000	14.843
1/14/2017 10:00:00 AM	216000.000	12.402	17.664
28.268	1841.484	2141.542	1.456
1.106	543.040	1.000	14.844

1/14/2017 10:15:00 AM	216900.000	12.414	17.663
28.295	1842.467	2142.755	1.457
1.106	542.751	1.000	14.834
1/14/2017 10:30:00 AM	217800.000	12.415	17.664
28.297	1843.713	2144.159	1.458
1.107	542.384	1.000	14.833
1/14/2017 10:45:00 AM	218700.000	12.418	17.663
28.304	1841.991	2142.185	1.457
1.106	542.891	1.000	14.831
1/14/2017 11:00:00 AM	219600.000	12.420	17.663
28.309	1841.937	2142.114	1.457
1.106	542.907	1.000	14.828
1/14/2017 11:15:00 AM	220500.000	12.418	17.662
28.304	1842.771	2143.142	1.457
1.107	542.661	1.000	14.828
1/14/2017 11:30:00 AM	221400.000	12.419	17.664
28.308	1842.339	2142.532	1.457
1.106	542.788	1.000	14.827
1/14/2017 11:45:00 AM	222300.000	12.431	17.664
28.334	1843.589	2144.023	1.458
1.107	542.420	1.000	14.814
1/14/2017 12:00:00 PM	223200.000	12.426	17.662
28.323	1841.261	2141.370	1.456
1.106	543.106	1.000	14.818
1/14/2017 12:15:00 PM	224100.000	12.432	17.663
28.337	1840.328	2140.259	1.455
1.105	543.381	1.000	14.811
1/14/2017 12:30:00 PM	225000.000	12.430	17.663
28.333	1841.030	2141.051	1.456
1.105	543.174	1.000	14.810
1/14/2017 12:45:00 PM	225900.000	12.436	17.663
28.345	1842.482	2142.781	1.457
1.106	542.746	1.000	14.803
1/14/2017 1:00:00 PM	226800.000	12.433	17.665
28.339	1842.227	2142.385	1.457
1.106	542.821	1.000	14.801
1/14/2017 1:15:00 PM	227700.000	12.440	17.663
28.355	1842.750	2143.050	1.457
1.107	542.667	1.000	14.793
1/14/2017 1:30:00 PM	228600.000	12.437	17.664
28.347	1842.413	2142.651	1.457
1.106	542.766	1.000	14.794
1/14/2017 1:45:00 PM	229500.000	12.437	17.664
28.349	1841.501	2141.595	1.456
1.106	543.035	1.000	14.792
1/14/2017 2:00:00 PM	230400.000	12.432	17.663
28.337	1842.071	2142.291	1.457
1.106	542.867	1.000	14.795
1/14/2017 2:15:00 PM	231300.000	12.431	17.664
28.335	1841.300	2141.336	1.456
1.106	543.094	1.000	14.794
1/14/2017 2:30:00 PM	232200.000	12.425	17.664
28.321	1841.911	2142.063	1.457
1.106	542.914	1.000	14.799

1/14/2017 2:45:00 PM	233100.000	12.423	17.663
28.315	1842.204	2142.416	1.457
1.106	542.828	1.000	14.801
1/14/2017 3:00:00 PM	234000.000	12.428	17.663
28.327	1843.122	2143.483	1.458
1.107	542.558	1.000	14.793
1/14/2017 3:15:00 PM	234900.000	12.436	17.662
28.346	1842.578	2142.901	1.457
1.106	542.718	1.000	14.785
1/14/2017 3:30:00 PM	235800.000	12.426	17.663
28.322	1841.191	2141.267	1.456
1.106	543.127	1.000	14.794
1/14/2017 3:45:00 PM	236700.000	12.425	17.663
28.322	1841.104	2141.162	1.456
1.106	543.152	1.000	14.794
1/14/2017 4:00:00 PM	237600.000	12.422	17.664
28.314	1841.227	2141.272	1.456
1.106	543.116	1.000	14.797
1/14/2017 4:15:00 PM	238500.000	12.423	17.664
28.315	1840.964	2140.969	1.456
1.105	543.194	1.000	14.796
1/14/2017 4:30:00 PM	239400.000	12.412	17.663
28.291	1843.209	2143.602	1.458
1.107	542.532	1.000	14.805
1/14/2017 4:45:00 PM	240300.000	12.418	17.663
28.305	1842.588	2142.900	1.457
1.106	542.715	1.000	14.800
1/14/2017 5:00:00 PM	241200.000	12.414	17.664
28.296	1842.577	2142.829	1.457
1.106	542.718	1.000	14.804
1/14/2017 5:15:00 PM	242100.000	12.424	17.663
28.318	1842.449	2142.726	1.457
1.106	542.756	1.000	14.794
1/14/2017 5:30:00 PM	243000.000	12.423	17.664
28.316	1841.935	2142.099	1.457
1.106	542.907	1.000	14.795
1/14/2017 5:45:00 PM	243900.000	12.427	17.664
28.324	1842.047	2142.188	1.457
1.106	542.874	1.000	14.791
1/14/2017 6:00:00 PM	244800.000	12.420	17.663
28.308	1841.395	2141.475	1.456
1.106	543.067	1.000	14.797
1/14/2017 6:15:00 PM	245700.000	12.417	17.662
28.301	1840.952	2141.014	1.456
1.105	543.197	1.000	14.801
1/14/2017 6:30:00 PM	246600.000	12.421	17.662
28.312	1841.885	2142.099	1.457
1.106	542.922	1.000	14.795
1/14/2017 6:45:00 PM	247500.000	12.417	17.663
28.302	1841.365	2141.449	1.456
1.106	543.075	1.000	14.800
1/14/2017 7:00:00 PM	248400.000	12.426	17.665
28.324	1840.937	2140.851	1.456
1.105	543.202	1.000	14.791

1/14/2017 7:15:00 PM	249300.000	12.425	17.664
28.320	1841.713	2141.841	1.456
1.106	542.973	1.000	14.793
1/14/2017 7:30:00 PM	250200.000	12.419	17.663
28.307	1841.263	2141.326	1.456
1.106	543.106	1.000	14.796
1/14/2017 7:45:00 PM	251100.000	12.424	17.663
28.317	1841.147	2141.225	1.456
1.106	543.140	1.000	14.792
1/14/2017 8:00:00 PM	252000.000	12.422	17.664
28.314	1840.858	2140.813	1.456
1.105	543.225	1.000	14.793
1/14/2017 8:15:00 PM	252900.000	12.410	17.664
28.287	1840.711	2140.647	1.456
1.105	543.268	1.000	14.805
1/14/2017 8:30:00 PM	253800.000	12.423	17.662
28.316	1842.022	2142.251	1.457
1.106	542.882	1.000	14.792
1/14/2017 8:45:00 PM	254700.000	12.418	17.664
28.305	1840.999	2140.978	1.456
1.105	543.183	1.000	14.797
1/14/2017 9:00:00 PM	255600.000	12.426	17.663
28.322	1841.786	2141.968	1.457
1.106	542.951	1.000	14.791
1/14/2017 9:15:00 PM	256500.000	12.417	17.662
28.301	1841.895	2142.103	1.457
1.106	542.919	1.000	14.800
1/14/2017 9:30:00 PM	257400.000	12.423	17.663
28.316	1842.026	2142.218	1.457
1.106	542.880	1.000	14.793
1/14/2017 9:45:00 PM	258300.000	12.423	17.663
28.315	1841.193	2141.270	1.456
1.106	543.126	1.000	14.794
1/14/2017 10:00:00 PM	259200.000	12.424	17.663
28.319	1839.009	2138.705	1.454
1.104	543.771	1.000	14.792
1/14/2017 10:15:00 PM	260100.000	12.423	17.662
28.316	1839.624	2139.482	1.455
1.105	543.589	1.000	14.792
1/14/2017 10:30:00 PM	261000.000	12.422	17.664
28.314	1838.809	2138.455	1.454
1.104	543.830	1.000	14.794
1/14/2017 10:45:00 PM	261900.000	12.418	17.663
28.305	1838.895	2138.585	1.454
1.104	543.805	1.000	14.797
1/14/2017 11:00:00 PM	262800.000	12.425	17.664
28.321	1838.767	2138.390	1.454
1.104	543.843	1.000	14.791
1/14/2017 11:15:00 PM	263700.000	12.420	17.663
28.310	1840.590	2140.561	1.456
1.105	543.304	1.000	14.795
1/14/2017 11:30:00 PM	264600.000	12.419	17.663
28.306	1841.867	2142.041	1.457
1.106	542.927	1.000	14.796

1/14/2017 11:45:00 PM	265500.000	12.414	17.665
28.294	1842.298	2142.467	1.457
1.106	542.800	1.000	14.802
1/15/2017 12:00:00 AM	266400.000	12.417	17.663
28.303	1843.328	2143.741	1.458
1.107	542.497	1.000	14.797
1/15/2017 12:15:00 AM	267300.000	12.416	17.663
28.300	1843.581	2144.030	1.458
1.107	542.423	1.000	14.799
1/15/2017 12:30:00 AM	268200.000	12.419	17.663
28.306	1843.928	2144.438	1.458
1.107	542.321	1.000	14.796
1/15/2017 12:45:00 AM	269100.000	12.424	17.662
28.319	1843.636	2144.128	1.458
1.107	542.406	1.000	14.790
1/15/2017 1:00:00 AM	270000.000	12.423	17.663
28.315	1842.569	2142.883	1.457
1.106	542.721	1.000	14.793
1/15/2017 1:15:00 AM	270900.000	12.421	17.664
28.312	1842.067	2142.228	1.457
1.106	542.868	1.000	14.794
1/15/2017 1:30:00 AM	271800.000	12.428	17.663
28.326	1842.182	2142.420	1.457
1.106	542.835	1.000	14.786
1/15/2017 1:45:00 AM	272700.000	12.422	17.662
28.313	1842.700	2143.043	1.457
1.107	542.682	1.000	14.793
1/15/2017 2:00:00 AM	273600.000	12.418	17.664
28.305	1842.071	2142.236	1.457
1.106	542.867	1.000	14.794
1/15/2017 2:15:00 AM	274500.000	12.427	17.663
28.324	1842.445	2142.722	1.457
1.106	542.757	1.000	14.786
1/15/2017 2:30:00 AM	275400.000	12.418	17.663
28.305	1840.050	2139.940	1.455
1.105	543.463	1.000	14.796
1/15/2017 2:45:00 AM	276300.000	12.414	17.663
28.295	1841.076	2141.129	1.456
1.106	543.161	1.000	14.800
1/15/2017 3:00:00 AM	277200.000	12.422	17.663
28.312	1839.746	2139.578	1.455
1.105	543.553	1.000	14.793
1/15/2017 3:15:00 AM	278100.000	12.416	17.664
28.300	1840.874	2140.865	1.456
1.105	543.220	1.000	14.798
1/15/2017 3:30:00 AM	279000.000	12.419	17.662
28.307	1839.755	2139.619	1.455
1.105	543.551	1.000	14.794
1/15/2017 3:45:00 AM	279900.000	12.422	17.663
28.315	1839.210	2138.934	1.454
1.104	543.712	1.000	14.792
1/15/2017 4:00:00 AM	280800.000	12.415	17.663
28.298	1839.435	2139.216	1.455
1.104	543.645	1.000	14.798

1/15/2017 4:15:00 AM	281700.000	12.416	17.663
28.300	1840.855	2140.864	1.456
1.105	543.226	1.000	14.798
1/15/2017 4:30:00 AM	282600.000	12.426	17.665
28.323	1840.524	2140.388	1.455
1.105	543.323	1.000	14.788
1/15/2017 4:45:00 AM	283500.000	12.423	17.664
28.316	1839.069	2138.754	1.454
1.104	543.753	1.000	14.791
1/15/2017 5:00:00 AM	284400.000	12.427	17.664
28.325	1842.342	2142.530	1.457
1.106	542.788	1.000	14.787
1/15/2017 5:15:00 AM	285300.000	12.423	17.665
28.316	1842.829	2143.080	1.457
1.107	542.644	1.000	14.792
1/15/2017 5:30:00 AM	286200.000	12.425	17.665
28.321	1843.312	2143.631	1.458
1.107	542.502	1.000	14.790
1/15/2017 5:45:00 AM	287100.000	12.421	17.662
28.311	1843.000	2143.421	1.458
1.107	542.594	1.000	14.792
1/15/2017 6:00:00 AM	288000.000	12.427	17.662
28.325	1843.260	2143.699	1.458
1.107	542.517	1.000	14.786
1/15/2017 6:15:00 AM	288900.000	12.420	17.662
28.308	1842.299	2142.606	1.457
1.106	542.800	1.000	14.793
1/15/2017 6:30:00 AM	289800.000	12.420	17.662
28.309	1841.350	2141.477	1.456
1.106	543.080	1.000	14.792
1/15/2017 6:45:00 AM	290700.000	12.428	17.662
28.327	1840.206	2140.147	1.455
1.105	543.417	1.000	14.786
1/15/2017 7:00:00 AM	291600.000	12.423	17.662
28.316	1839.011	2138.753	1.454
1.104	543.771	1.000	14.789
1/15/2017 7:15:00 AM	292500.000	12.422	17.663
28.313	1839.496	2139.301	1.455
1.105	543.627	1.000	14.789
1/15/2017 7:30:00 AM	293400.000	12.425	17.663
28.321	1840.915	2140.951	1.456
1.105	543.208	1.000	14.787
1/15/2017 7:45:00 AM	294300.000	12.424	17.663
28.319	1841.159	2141.226	1.456
1.106	543.136	1.000	14.786
1/15/2017 8:00:00 AM	295200.000	12.419	17.663
28.308	1841.344	2141.425	1.456
1.106	543.081	1.000	14.793
1/15/2017 8:15:00 AM	296100.000	12.419	17.663
28.307	1841.462	2141.583	1.456
1.106	543.047	1.000	14.792
1/15/2017 8:30:00 AM	297000.000	12.418	17.663
28.305	1841.780	2141.965	1.457
1.106	542.953	1.000	14.794

1/15/2017 8:45:00 AM	297900.000	12.414	17.662
28.295	1841.667	2141.862	1.456
1.106	542.986	1.000	14.799
1/15/2017 9:00:00 AM	298800.000	12.411	17.662
28.289	1840.500	2140.485	1.456
1.105	543.331	1.000	14.803
1/15/2017 9:15:00 AM	299700.000	12.410	17.663
28.286	1840.215	2140.132	1.455
1.105	543.415	1.000	14.804
1/15/2017 9:30:00 AM	300600.000	12.414	17.664
28.296	1839.265	2138.965	1.454
1.104	543.695	1.000	14.803
1/15/2017 9:45:00 AM	301500.000	12.411	17.663
28.288	1838.722	2138.375	1.454
1.104	543.856	1.000	14.806
1/15/2017 10:00:00 AM	302400.000	12.412	17.664
28.291	1840.195	2140.075	1.455
1.105	543.421	1.000	14.806
1/15/2017 10:15:00 AM	303300.000	12.407	17.663
28.280	1839.704	2139.533	1.455
1.105	543.566	1.000	14.812
1/15/2017 10:30:00 AM	304200.000	12.406	17.664
28.278	1837.640	2137.096	1.453
1.103	544.176	1.000	14.814
1/15/2017 10:45:00 AM	305100.000	12.412	17.662
28.291	1841.629	2141.797	1.456
1.106	542.998	1.000	14.811
1/15/2017 11:00:00 AM	306000.000	12.414	17.663
28.295	1841.562	2141.698	1.456
1.106	543.017	1.000	14.809
1/15/2017 11:15:00 AM	306900.000	12.420	17.663
28.309	1841.938	2142.115	1.457
1.106	542.906	1.000	14.803
1/15/2017 11:30:00 AM	307800.000	12.422	17.663
28.314	1841.391	2141.504	1.456
1.106	543.068	1.000	14.803
1/15/2017 11:45:00 AM	308700.000	12.425	17.663
28.321	1841.113	2141.177	1.456
1.106	543.150	1.000	14.799
1/15/2017 12:00:00 PM	309600.000	12.428	17.664
28.328	1840.665	2140.605	1.456
1.105	543.282	1.000	14.793
1/15/2017 12:15:00 PM	310500.000	12.429	17.664
28.329	1840.460	2140.372	1.455
1.105	543.342	1.000	14.792
1/15/2017 12:30:00 PM	311400.000	12.438	17.663
28.350	1841.016	2141.039	1.456
1.105	543.178	1.000	14.782
1/15/2017 12:45:00 PM	312300.000	12.441	17.664
28.357	1840.817	2140.770	1.456
1.105	543.237	1.000	14.778
1/15/2017 1:00:00 PM	313200.000	12.444	17.663
28.364	1840.350	2140.298	1.455
1.105	543.375	1.000	14.773

1/15/2017 1:15:00 PM	314100.000	12.446	17.663
28.367	1841.357	2141.444	1.456
1.106	543.078	1.000	14.769
1/15/2017 1:30:00 PM	315000.000	12.433	17.664
28.338	1841.246	2141.289	1.456
1.106	543.111	1.000	14.779
1/15/2017 1:45:00 PM	315900.000	12.442	17.663
28.360	1840.450	2140.394	1.455
1.105	543.345	1.000	14.769
1/15/2017 2:00:00 PM	316800.000	12.438	17.664
28.349	1840.709	2140.661	1.456
1.105	543.269	1.000	14.770
1/15/2017 2:15:00 PM	317700.000	12.429	17.662
28.331	1840.369	2140.328	1.455
1.105	543.369	1.000	14.778
1/15/2017 2:30:00 PM	318600.000	12.427	17.663
28.324	1841.252	2141.322	1.456
1.106	543.109	1.000	14.780
1/15/2017 2:45:00 PM	319500.000	12.432	17.664
28.335	1841.409	2141.463	1.456
1.106	543.062	1.000	14.774
1/15/2017 3:00:00 PM	320400.000	12.434	17.663
28.342	1841.837	2142.006	1.457
1.106	542.936	1.000	14.770
1/15/2017 3:15:00 PM	321300.000	12.429	17.662
28.330	1842.079	2142.333	1.457
1.106	542.865	1.000	14.774
1/15/2017 3:30:00 PM	322200.000	12.425	17.663
28.320	1841.686	2141.831	1.456
1.106	542.981	1.000	14.777
1/15/2017 3:45:00 PM	323100.000	12.431	17.664
28.334	1841.304	2141.337	1.456
1.106	543.093	1.000	14.773
1/15/2017 4:00:00 PM	324000.000	12.426	17.663
28.323	1841.112	2141.150	1.456
1.106	543.150	1.000	14.776
1/15/2017 4:15:00 PM	324900.000	12.422	17.663
28.314	1841.142	2141.189	1.456
1.106	543.141	1.000	14.781
1/15/2017 4:30:00 PM	325800.000	12.430	17.663
28.331	1842.247	2142.503	1.457
1.106	542.815	1.000	14.772
1/15/2017 4:45:00 PM	326700.000	12.424	17.662
28.319	1840.048	2139.959	1.455
1.105	543.464	1.000	14.779
1/15/2017 5:00:00 PM	327600.000	12.425	17.663
28.321	1840.537	2140.490	1.456
1.105	543.320	1.000	14.776
1/15/2017 5:15:00 PM	328500.000	12.432	17.663
28.336	1841.252	2141.343	1.456
1.106	543.109	1.000	14.772
1/15/2017 5:30:00 PM	329400.000	12.419	17.662
28.307	1841.402	2141.551	1.456
1.106	543.064	1.000	14.784

1/15/2017 5:45:00 PM	330300.000	12.426	17.663
28.322	1840.506	2140.471	1.456
1.105	543.329	1.000	14.778
1/15/2017 6:00:00 PM	331200.000	12.424	17.664
28.318	1840.800	2140.742	1.456
1.105	543.242	1.000	14.779
1/15/2017 6:15:00 PM	332100.000	12.429	17.664
28.330	1841.508	2141.602	1.456
1.106	543.033	1.000	14.773
1/15/2017 6:30:00 PM	333000.000	12.423	17.664
28.315	1841.734	2141.862	1.456
1.106	542.967	1.000	14.781
1/15/2017 6:45:00 PM	333900.000	12.419	17.663
28.307	1842.520	2142.783	1.457
1.106	542.735	1.000	14.780
1/15/2017 7:00:00 PM	334800.000	12.413	17.663
28.294	1840.620	2140.594	1.456
1.105	543.295	1.000	14.790
1/15/2017 7:15:00 PM	335700.000	12.420	17.664
28.309	1841.452	2141.500	1.456
1.106	543.050	1.000	14.784
1/15/2017 7:30:00 PM	336600.000	12.419	17.663
28.307	1842.200	2142.449	1.457
1.106	542.829	1.000	14.786
1/15/2017 7:45:00 PM	337500.000	12.420	17.664
28.310	1841.923	2142.085	1.457
1.106	542.911	1.000	14.787
1/15/2017 8:00:00 PM	338400.000	12.412	17.664
28.292	1841.446	2141.531	1.456
1.106	543.051	1.000	14.794
1/15/2017 8:15:00 PM	339300.000	12.421	17.663
28.311	1841.006	2141.027	1.456
1.105	543.181	1.000	14.786
1/15/2017 8:30:00 PM	340200.000	12.420	17.663
28.308	1841.326	2141.399	1.456
1.106	543.087	1.000	14.790
1/15/2017 8:45:00 PM	341100.000	12.418	17.662
28.303	1839.800	2139.670	1.455
1.105	543.537	1.000	14.792
1/15/2017 9:00:00 PM	342000.000	12.418	17.664
28.306	1840.433	2140.341	1.455
1.105	543.350	1.000	14.792
1/15/2017 9:15:00 PM	342900.000	12.416	17.663
28.301	1841.148	2141.217	1.456
1.106	543.139	1.000	14.795
1/15/2017 9:30:00 PM	343800.000	12.420	17.663
28.308	1841.052	2141.094	1.456
1.105	543.168	1.000	14.792
1/15/2017 9:45:00 PM	344700.000	12.422	17.662
28.313	1841.020	2141.098	1.456
1.105	543.177	1.000	14.792
1/15/2017 10:00:00 PM	345600.000	12.423	17.664
28.317	1840.638	2140.574	1.456
1.105	543.290	1.000	14.790

1/15/2017 10:15:00 PM	346500.000	12.422	17.664
28.314	1839.576	2139.331	1.455
1.105	543.603	1.000	14.792
1/15/2017 10:30:00 PM	347400.000	12.417	17.663
28.302	1840.309	2140.246	1.455
1.105	543.387	1.000	14.798
1/15/2017 10:45:00 PM	348300.000	12.419	17.664
28.307	1837.725	2137.182	1.453
1.103	544.151	1.000	14.800
1/15/2017 11:00:00 PM	349200.000	12.416	17.663
28.299	1838.600	2138.254	1.454
1.104	543.892	1.000	14.801
1/15/2017 11:15:00 PM	350100.000	12.421	17.663
28.310	1838.562	2138.189	1.454
1.104	543.903	1.000	14.796
1/15/2017 11:30:00 PM	351000.000	12.408	17.663
28.281	1838.361	2137.968	1.454
1.104	543.963	1.000	14.811
1/15/2017 11:45:00 PM	351900.000	12.419	17.664
28.306	1839.261	2138.990	1.455
1.104	543.697	1.000	14.800
1/16/2017 12:00:00 AM	352800.000	12.423	17.663
28.317	1840.085	2139.977	1.455
1.105	543.453	1.000	14.797
1/16/2017 12:15:00 AM	353700.000	12.422	17.664
28.314	1838.621	2138.245	1.454
1.104	543.886	1.000	14.797
1/16/2017 12:30:00 AM	354600.000	12.427	17.664
28.324	1840.281	2140.142	1.455
1.105	543.395	1.000	14.794
1/16/2017 12:45:00 AM	355500.000	12.426	17.664
28.324	1841.635	2141.750	1.456
1.106	542.996	1.000	14.793
1/16/2017 1:00:00 AM	356400.000	12.428	17.664
28.327	1841.758	2141.864	1.456
1.106	542.960	1.000	14.792
1/16/2017 1:15:00 AM	357300.000	12.428	17.663
28.328	1842.357	2142.624	1.457
1.106	542.783	1.000	14.791
1/16/2017 1:30:00 AM	358200.000	12.430	17.662
28.331	1841.776	2141.968	1.457
1.106	542.954	1.000	14.789
1/16/2017 1:45:00 AM	359100.000	12.429	17.663
28.330	1841.382	2141.477	1.456
1.106	543.070	1.000	14.788
1/16/2017 2:00:00 AM	360000.000	12.428	17.663
28.328	1840.063	2139.930	1.455
1.105	543.460	1.000	14.788
1/16/2017 2:15:00 AM	360900.000	12.434	17.662
28.340	1839.289	2139.080	1.455
1.104	543.688	1.000	14.782
1/16/2017 2:30:00 AM	361800.000	12.440	17.664
28.356	1839.611	2139.393	1.455
1.105	543.593	1.000	14.775

1/16/2017 2:45:00 AM	362700.000	12.435	17.663
28.343	1839.171	2138.930	1.454
1.104	543.723	1.000	14.779
1/16/2017 3:00:00 AM	363600.000	12.434	17.662
28.341	1839.056	2138.839	1.454
1.104	543.757	1.000	14.779
1/16/2017 3:15:00 AM	364500.000	12.429	17.663
28.329	1839.244	2138.990	1.455
1.104	543.702	1.000	14.784
1/16/2017 3:30:00 AM	365400.000	12.424	17.663
28.319	1839.052	2138.771	1.454
1.104	543.758	1.000	14.789
1/16/2017 3:45:00 AM	366300.000	12.427	17.663
28.326	1839.672	2139.505	1.455
1.105	543.575	1.000	14.785
1/16/2017 4:00:00 AM	367200.000	12.425	17.663
28.321	1838.655	2138.305	1.454
1.104	543.876	1.000	14.788
1/16/2017 4:15:00 AM	368100.000	12.431	17.662
28.333	1839.829	2139.700	1.455
1.105	543.529	1.000	14.782
1/16/2017 4:30:00 AM	369000.000	12.428	17.663
28.327	1839.685	2139.487	1.455
1.105	543.571	1.000	14.784
1/16/2017 4:45:00 AM	369900.000	12.427	17.664
28.325	1839.839	2139.620	1.455
1.105	543.526	1.000	14.785
1/16/2017 5:00:00 AM	370800.000	12.433	17.663
28.338	1839.402	2139.195	1.455
1.104	543.655	1.000	14.780
1/16/2017 5:15:00 AM	371700.000	12.419	17.664
28.306	1839.503	2139.246	1.455
1.104	543.625	1.000	14.793
1/16/2017 5:30:00 AM	372600.000	12.421	17.663
28.312	1840.823	2140.810	1.456
1.105	543.235	1.000	14.792
1/16/2017 5:45:00 AM	373500.000	12.418	17.663
28.306	1841.479	2141.573	1.456
1.106	543.042	1.000	14.796
1/16/2017 6:00:00 AM	374400.000	12.419	17.663
28.306	1840.980	2140.997	1.456
1.105	543.189	1.000	14.795
1/16/2017 6:15:00 AM	375300.000	12.422	17.663
28.313	1841.023	2141.055	1.456
1.105	543.176	1.000	14.792
1/16/2017 6:30:00 AM	376200.000	12.423	17.662
28.315	1840.317	2140.301	1.455
1.105	543.385	1.000	14.793
1/16/2017 6:45:00 AM	377100.000	12.417	17.664
28.303	1841.786	2141.909	1.456
1.106	542.951	1.000	14.798
1/16/2017 7:00:00 AM	378000.000	12.429	17.662
28.329	1842.944	2143.331	1.457
1.107	542.610	1.000	14.789

1/16/2017 7:15:00 AM	378900.000	12.415	17.664
28.297	1842.116	2142.306	1.457
1.106	542.854	1.000	14.802
1/16/2017 7:30:00 AM	379800.000	12.422	17.663
28.313	1840.970	2140.990	1.456
1.105	543.192	1.000	14.797
1/16/2017 7:45:00 AM	380700.000	12.420	17.664
28.310	1842.098	2142.289	1.457
1.106	542.859	1.000	14.800
1/16/2017 8:00:00 AM	381600.000	12.429	17.662
28.329	1842.634	2142.963	1.457
1.107	542.701	1.000	14.792
1/16/2017 8:15:00 AM	382500.000	12.418	17.663
28.305	1843.314	2143.716	1.458
1.107	542.501	1.000	14.803
1/16/2017 8:30:00 AM	383400.000	12.414	17.663
28.295	1842.621	2142.930	1.457
1.106	542.705	1.000	14.808
1/16/2017 8:45:00 AM	384300.000	12.423	17.664
28.316	1840.167	2140.031	1.455
1.105	543.429	1.000	14.805
1/16/2017 9:00:00 AM	385200.000	12.417	17.664
28.301	1840.590	2140.518	1.456
1.105	543.304	1.000	14.808
1/16/2017 9:15:00 AM	386100.000	12.417	17.663
28.302	1838.960	2138.643	1.454
1.104	543.786	1.000	14.809
1/16/2017 9:30:00 AM	387000.000	12.425	17.662
28.321	1839.441	2139.253	1.455
1.104	543.643	1.000	14.801
1/16/2017 9:45:00 AM	387900.000	12.422	17.663
28.314	1840.090	2139.966	1.455
1.105	543.452	1.000	14.807
1/16/2017 10:00:00 AM	388800.000	12.417	17.663
28.303	1840.455	2140.382	1.455
1.105	543.344	1.000	14.812
1/16/2017 10:15:00 AM	389700.000	12.421	17.663
28.311	1840.896	2140.899	1.456
1.105	543.214	1.000	14.809
1/16/2017 10:30:00 AM	390600.000	12.415	17.663
28.297	1841.232	2141.310	1.456
1.106	543.115	1.000	14.815
1/16/2017 10:45:00 AM	391500.000	12.421	17.663
28.311	1840.940	2140.946	1.456
1.105	543.201	1.000	14.811
1/16/2017 11:00:00 AM	392400.000	12.428	17.664
28.328	1841.165	2141.175	1.456
1.106	543.134	1.000	14.809
1/16/2017 11:15:00 AM	393300.000	12.424	17.665
28.319	1842.266	2142.438	1.457
1.106	542.810	1.000	14.809
1/16/2017 11:30:00 AM	394200.000	12.421	17.664
28.312	1842.593	2142.835	1.457
1.106	542.714	1.000	14.811

1/16/2017 11:45:00 AM	395100.000	12.427	17.665
28.326	1840.816	2140.735	1.456
1.105	543.237	1.000	14.806
1/16/2017 12:00:00 PM	396000.000	12.438	17.664
28.349	1842.859	2143.170	1.457
1.107	542.635	1.000	14.795
1/16/2017 12:15:00 PM	396900.000	12.439	17.664
28.352	1842.122	2142.292	1.457
1.106	542.852	1.000	14.792
1/16/2017 12:30:00 PM	397800.000	12.441	17.663
28.357	1841.813	2141.990	1.457
1.106	542.943	1.000	14.790
1/16/2017 12:45:00 PM	398700.000	12.440	17.664
28.355	1841.032	2141.045	1.456
1.105	543.174	1.000	14.788
1/16/2017 1:00:00 PM	399600.000	12.445	17.663
28.365	1840.943	2140.962	1.456
1.105	543.200	1.000	14.786
1/16/2017 1:15:00 PM	400500.000	12.446	17.664
28.367	1841.090	2141.108	1.456
1.106	543.157	1.000	14.779
1/16/2017 1:30:00 PM	401400.000	12.443	17.665
28.362	1841.222	2141.216	1.456
1.106	543.117	1.000	14.778
1/16/2017 1:45:00 PM	402300.000	12.443	17.664
28.361	1841.238	2141.277	1.456
1.106	543.113	1.000	14.777
1/16/2017 2:00:00 PM	403200.000	12.449	17.663
28.375	1840.015	2139.887	1.455
1.105	543.474	1.000	14.770
1/16/2017 2:15:00 PM	404100.000	12.443	17.664
28.362	1840.202	2140.055	1.455
1.105	543.419	1.000	14.773
1/16/2017 2:30:00 PM	405000.000	12.442	17.664
28.358	1838.501	2138.089	1.454
1.104	543.921	1.000	14.775
1/16/2017 2:45:00 PM	405900.000	12.439	17.665
28.351	1840.067	2139.869	1.455
1.105	543.458	1.000	14.775
1/16/2017 3:00:00 PM	406800.000	12.443	17.663
28.362	1841.895	2142.057	1.457
1.106	542.919	1.000	14.770
1/16/2017 3:15:00 PM	407700.000	12.442	17.665
28.359	1839.840	2139.592	1.455
1.105	543.526	1.000	14.771
1/16/2017 3:30:00 PM	408600.000	12.442	17.665
28.359	1842.142	2142.294	1.457
1.106	542.846	1.000	14.769
1/16/2017 3:45:00 PM	409500.000	12.439	17.663
28.352	1841.304	2141.369	1.456
1.106	543.093	1.000	14.771
1/16/2017 4:00:00 PM	410400.000	12.441	17.665
28.356	1841.042	2140.990	1.456
1.105	543.171	1.000	14.769

1/16/2017 4:15:00 PM	411300.000	12.437	17.666
28.349	1842.032	2142.117	1.457
1.106	542.879	1.000	14.771
1/16/2017 4:30:00 PM	412200.000	12.432	17.664
28.336	1842.609	2142.854	1.457
1.106	542.709	1.000	14.775
1/16/2017 4:45:00 PM	413100.000	12.437	17.665
28.348	1842.747	2142.989	1.457
1.107	542.668	1.000	14.770
1/16/2017 5:00:00 PM	414000.000	12.441	17.664
28.356	1842.543	2142.781	1.457
1.106	542.728	1.000	14.765
1/16/2017 5:15:00 PM	414900.000	12.433	17.664
28.338	1842.089	2142.270	1.457
1.106	542.862	1.000	14.772
1/16/2017 5:30:00 PM	415800.000	12.434	17.664
28.341	1841.662	2141.748	1.456
1.106	542.988	1.000	14.770
1/16/2017 5:45:00 PM	416700.000	12.427	17.665
28.326	1840.859	2140.803	1.456
1.105	543.225	1.000	14.776
1/16/2017 6:00:00 PM	417600.000	12.428	17.665
28.327	1843.805	2144.212	1.458
1.107	542.357	1.000	14.775
1/16/2017 6:15:00 PM	418500.000	12.433	17.665
28.339	1845.009	2145.628	1.459
1.108	542.003	1.000	14.770
1/16/2017 6:30:00 PM	419400.000	12.435	17.665
28.343	1844.515	2145.045	1.459
1.108	542.148	1.000	14.769
1/16/2017 6:45:00 PM	420300.000	12.433	17.664
28.339	1844.121	2144.608	1.458
1.107	542.264	1.000	14.771
1/16/2017 7:00:00 PM	421200.000	12.434	17.665
28.341	1842.229	2142.354	1.457
1.106	542.821	1.000	14.769
1/16/2017 7:15:00 PM	422100.000	12.435	17.663
28.343	1842.690	2143.002	1.457
1.107	542.685	1.000	14.771
1/16/2017 7:30:00 PM	423000.000	12.430	17.664
28.332	1843.773	2144.233	1.458
1.107	542.366	1.000	14.775
1/16/2017 7:45:00 PM	423900.000	12.435	17.664
28.343	1843.195	2143.547	1.458
1.107	542.536	1.000	14.770
1/16/2017 8:00:00 PM	424800.000	12.435	17.664
28.344	1843.289	2143.670	1.458
1.107	542.508	1.000	14.771
1/16/2017 8:15:00 PM	425700.000	12.433	17.663
28.339	1843.435	2143.848	1.458
1.107	542.465	1.000	14.773
1/16/2017 8:30:00 PM	426600.000	12.428	17.664
28.327	1843.650	2144.082	1.458
1.107	542.402	1.000	14.779

1/16/2017 8:45:00 PM	427500.000	12.424	17.664
28.319	1843.374	2143.761	1.458
1.107	542.484	1.000	14.784
1/16/2017 9:00:00 PM	428400.000	12.418	17.663
28.305	1843.457	2143.874	1.458
1.107	542.459	1.000	14.790
1/16/2017 9:15:00 PM	429300.000	12.425	17.665
28.320	1843.206	2143.527	1.458
1.107	542.533	1.000	14.786
1/16/2017 9:30:00 PM	430200.000	12.432	17.666
28.336	1840.838	2140.728	1.456
1.105	543.231	1.000	14.778
1/16/2017 9:45:00 PM	431100.000	12.427	17.664
28.325	1842.370	2142.597	1.457
1.106	542.779	1.000	14.784
1/16/2017 10:00:00 PM	432000.000	12.425	17.663
28.320	1842.192	2142.419	1.457
1.106	542.832	1.000	14.785
1/16/2017 10:15:00 PM	432900.000	12.432	17.664
28.337	1841.873	2141.986	1.457
1.106	542.926	1.000	14.779
1/16/2017 10:30:00 PM	433800.000	12.431	17.663
28.335	1841.109	2141.155	1.456
1.106	543.151	1.000	14.779
1/16/2017 10:45:00 PM	434700.000	12.426	17.663
28.322	1838.792	2138.460	1.454
1.104	543.835	1.000	14.784
1/16/2017 11:00:00 PM	435600.000	12.426	17.662
28.322	1840.708	2140.760	1.456
1.105	543.269	1.000	14.785
1/16/2017 11:15:00 PM	436500.000	12.431	17.664
28.334	1840.729	2140.696	1.456
1.105	543.263	1.000	14.780
1/16/2017 11:30:00 PM	437400.000	12.437	17.663
28.347	1841.125	2141.166	1.456
1.106	543.146	1.000	14.774
1/16/2017 11:45:00 PM	438300.000	12.435	17.664
28.344	1841.726	2141.831	1.456
1.106	542.969	1.000	14.776
1/17/2017 12:00:00 AM	439200.000	12.433	17.664
28.339	1839.798	2139.585	1.455
1.105	543.538	1.000	14.778
1/17/2017 12:15:00 AM	440100.000	12.437	17.664
28.347	1840.578	2140.488	1.456
1.105	543.308	1.000	14.775
1/17/2017 12:30:00 AM	441000.000	12.434	17.664
28.342	1841.104	2141.099	1.456
1.106	543.152	1.000	14.776
1/17/2017 12:45:00 AM	441900.000	12.436	17.663
28.345	1842.536	2142.820	1.457
1.106	542.730	1.000	14.775
1/17/2017 1:00:00 AM	442800.000	12.430	17.663
28.332	1841.598	2141.741	1.456
1.106	543.007	1.000	14.780

1/17/2017 1:15:00 AM	443700.000	12.435	17.665
28.343	1842.806	2143.067	1.457
1.107	542.651	1.000	14.774
1/17/2017 1:30:00 AM	444600.000	12.437	17.664
28.347	1844.877	2145.512	1.459
1.108	542.042	1.000	14.775
1/17/2017 1:45:00 AM	445500.000	12.428	17.663
28.327	1844.639	2145.269	1.459
1.108	542.111	1.000	14.782
1/17/2017 2:00:00 AM	446400.000	12.430	17.664
28.331	1842.766	2143.045	1.457
1.107	542.662	1.000	14.780
1/17/2017 2:15:00 AM	447300.000	12.436	17.664
28.346	1843.094	2143.430	1.458
1.107	542.566	1.000	14.775
1/17/2017 2:30:00 AM	448200.000	12.436	17.664
28.346	1844.003	2144.479	1.458
1.107	542.299	1.000	14.775
1/17/2017 2:45:00 AM	449100.000	12.440	17.663
28.356	1843.704	2144.178	1.458
1.107	542.386	1.000	14.772
1/17/2017 3:00:00 AM	450000.000	12.433	17.663
28.339	1842.776	2143.089	1.457
1.107	542.660	1.000	14.777
1/17/2017 3:15:00 AM	450900.000	12.433	17.662
28.338	1842.522	2142.861	1.457
1.106	542.734	1.000	14.777
1/17/2017 3:30:00 AM	451800.000	12.443	17.664
28.360	1841.037	2141.018	1.456
1.105	543.172	1.000	14.767
1/17/2017 3:45:00 AM	452700.000	12.433	17.664
28.339	1842.510	2142.742	1.457
1.106	542.738	1.000	14.776
1/17/2017 4:00:00 AM	453600.000	12.435	17.664
28.343	1842.835	2143.137	1.457
1.107	542.642	1.000	14.775
1/17/2017 4:15:00 AM	454500.000	12.430	17.665
28.332	1844.989	2145.568	1.459
1.108	542.009	1.000	14.778
1/17/2017 4:30:00 AM	455400.000	12.437	17.664
28.348	1842.785	2143.059	1.457
1.107	542.657	1.000	14.773
1/17/2017 4:45:00 AM	456300.000	12.435	17.665
28.343	1845.600	2146.299	1.459
1.108	541.829	1.000	14.774
1/17/2017 5:00:00 AM	457200.000	12.425	17.664
28.321	1845.567	2146.312	1.459
1.108	541.839	1.000	14.784
1/17/2017 5:15:00 AM	458100.000	12.440	17.665
28.353	1845.627	2146.309	1.459
1.108	541.821	1.000	14.770
1/17/2017 5:30:00 AM	459000.000	12.434	17.664
28.341	1845.538	2146.269	1.459
1.108	541.847	1.000	14.775

1/17/2017 5:45:00 AM	459900.000	12.437	17.664
28.347	1845.255	2145.918	1.459
1.108	541.931	1.000	14.773
1/17/2017 6:00:00 AM	460800.000	12.438	17.664
28.351	1845.317	2146.015	1.459
1.108	541.912	1.000	14.772
1/17/2017 6:15:00 AM	461700.000	12.435	17.663
28.343	1844.837	2145.491	1.459
1.108	542.053	1.000	14.773
1/17/2017 6:30:00 AM	462600.000	12.438	17.664
28.349	1843.856	2144.322	1.458
1.107	542.342	1.000	14.773
1/17/2017 6:45:00 AM	463500.000	12.435	17.663
28.343	1843.680	2144.137	1.458
1.107	542.393	1.000	14.775
1/17/2017 7:00:00 AM	464400.000	12.436	17.663
28.346	1842.478	2142.760	1.457
1.106	542.747	1.000	14.773
1/17/2017 7:15:00 AM	465300.000	12.428	17.664
28.328	1841.604	2141.706	1.456
1.106	543.005	1.000	14.781
1/17/2017 7:30:00 AM	466200.000	12.434	17.664
28.340	1841.611	2141.723	1.456
1.106	543.003	1.000	14.775
1/17/2017 7:45:00 AM	467100.000	12.430	17.664
28.331	1842.764	2143.060	1.457
1.107	542.663	1.000	14.780
1/17/2017 8:00:00 AM	468000.000	12.445	17.664
28.366	1841.508	2141.577	1.456
1.106	543.033	1.000	14.769
1/17/2017 8:15:00 AM	468900.000	12.442	17.664
28.359	1842.465	2142.704	1.457
1.106	542.751	1.000	14.767
1/17/2017 8:30:00 AM	469800.000	12.459	17.665
28.399	1840.944	2140.901	1.456
1.105	543.200	1.000	14.749
1/17/2017 8:45:00 AM	470700.000	12.453	17.663
28.383	1840.649	2140.617	1.456
1.105	543.286	1.000	14.756
1/17/2017 9:00:00 AM	471600.000	12.435	17.664
28.344	1840.561	2140.493	1.456
1.105	543.313	1.000	14.770
1/17/2017 9:15:00 AM	472500.000	12.432	17.664
28.336	1839.088	2138.763	1.454
1.104	543.748	1.000	14.774
1/17/2017 9:30:00 AM	473400.000	12.413	17.663
28.292	1840.137	2140.012	1.455
1.105	543.438	1.000	14.795
1/17/2017 9:45:00 AM	474300.000	12.408	17.664
28.282	1840.304	2140.185	1.455
1.105	543.389	1.000	14.802
1/17/2017 10:00:00 AM	475200.000	12.412	17.663
28.292	1839.896	2139.773	1.455
1.105	543.509	1.000	14.801

1/17/2017 10:15:00 AM	476100.000	12.405	17.665
28.275	1839.461	2139.172	1.455
1.104	543.638	1.000	14.811
1/17/2017 10:30:00 AM	477000.000	12.413	17.664
28.293	1839.663	2139.445	1.455
1.105	543.578	1.000	14.806
1/17/2017 10:45:00 AM	477900.000	12.425	17.664
28.321	1839.671	2139.463	1.455
1.105	543.575	1.000	14.797
1/17/2017 11:00:00 AM	478800.000	12.431	17.664
28.335	1840.272	2140.153	1.455
1.105	543.398	1.000	14.797
1/17/2017 11:15:00 AM	479700.000	12.433	17.663
28.338	1839.533	2139.352	1.455
1.105	543.616	1.000	14.790
1/17/2017 11:30:00 AM	480600.000	12.431	17.663
28.333	1839.993	2139.845	1.455
1.105	543.480	1.000	14.792
1/17/2017 11:45:00 AM	481500.000	12.433	17.663
28.339	1838.889	2138.561	1.454
1.104	543.807	1.000	14.792
1/17/2017 12:00:00 PM	482400.000	12.437	17.664
28.347	1839.295	2139.026	1.455
1.104	543.686	1.000	14.787
1/17/2017 12:15:00 PM	483300.000	12.435	17.664
28.344	1840.212	2140.095	1.455
1.105	543.416	1.000	14.788
1/17/2017 12:30:00 PM	484200.000	12.447	17.665
28.370	1840.604	2140.476	1.456
1.105	543.300	1.000	14.778
1/17/2017 12:45:00 PM	485100.000	12.448	17.664
28.373	1841.040	2141.037	1.456
1.105	543.171	1.000	14.778
1/17/2017 1:00:00 PM	486000.000	12.441	17.665
28.357	1840.804	2140.717	1.456
1.105	543.241	1.000	14.778
1/17/2017 1:15:00 PM	486900.000	12.451	17.664
28.379	1842.038	2142.194	1.457
1.106	542.877	1.000	14.769
1/17/2017 1:30:00 PM	487800.000	12.450	17.665
28.377	1841.690	2141.760	1.456
1.106	542.979	1.000	14.768
1/17/2017 1:45:00 PM	488700.000	12.450	17.664
28.378	1840.624	2140.575	1.456
1.105	543.294	1.000	14.768
1/17/2017 2:00:00 PM	489600.000	12.442	17.665
28.360	1839.506	2139.229	1.455
1.104	543.624	1.000	14.774
1/17/2017 2:15:00 PM	490500.000	12.442	17.663
28.359	1839.704	2139.530	1.455
1.105	543.566	1.000	14.774
1/17/2017 2:30:00 PM	491400.000	12.443	17.664
28.362	1839.310	2139.018	1.455
1.104	543.682	1.000	14.770

1/17/2017 2:45:00 PM	492300.000	12.440	17.665
28.354	1837.478	2136.858	1.453
1.103	544.224	1.000	14.774
1/17/2017 3:00:00 PM	493200.000	12.441	17.664
28.357	1838.627	2138.249	1.454
1.104	543.884	1.000	14.772
1/17/2017 3:15:00 PM	494100.000	12.435	17.663
28.344	1838.893	2138.594	1.454
1.104	543.806	1.000	14.779
1/17/2017 3:30:00 PM	495000.000	12.442	17.665
28.360	1837.399	2136.757	1.453
1.103	544.248	1.000	14.772
1/17/2017 3:45:00 PM	495900.000	12.441	17.665
28.358	1838.272	2137.769	1.454
1.104	543.989	1.000	14.771
1/17/2017 4:00:00 PM	496800.000	12.439	17.665
28.352	1839.238	2138.917	1.454
1.104	543.704	1.000	14.775
1/17/2017 4:15:00 PM	497700.000	12.428	17.664
28.327	1838.739	2138.374	1.454
1.104	543.851	1.000	14.786
1/17/2017 4:30:00 PM	498600.000	12.425	17.664
28.320	1841.016	2140.988	1.456
1.105	543.178	1.000	14.790
1/17/2017 4:45:00 PM	499500.000	12.435	17.664
28.343	1839.770	2139.569	1.455
1.105	543.546	1.000	14.780
1/17/2017 5:00:00 PM	500400.000	12.426	17.664
28.322	1840.504	2140.397	1.455
1.105	543.330	1.000	14.789
1/17/2017 5:15:00 PM	501300.000	12.424	17.663
28.317	1840.070	2139.972	1.455
1.105	543.458	1.000	14.794
1/17/2017 5:30:00 PM	502200.000	12.425	17.664
28.321	1840.314	2140.193	1.455
1.105	543.385	1.000	14.794
1/17/2017 5:45:00 PM	503100.000	12.429	17.665
28.330	1838.629	2138.179	1.454
1.104	543.884	1.000	14.791
1/17/2017 6:00:00 PM	504000.000	12.431	17.663
28.334	1838.766	2138.423	1.454
1.104	543.843	1.000	14.790
1/17/2017 6:15:00 PM	504900.000	12.422	17.664
28.313	1839.342	2139.059	1.455
1.104	543.673	1.000	14.800
1/17/2017 6:30:00 PM	505800.000	12.426	17.663
28.323	1838.258	2137.844	1.454
1.104	543.993	1.000	14.796
1/17/2017 6:45:00 PM	506700.000	12.426	17.663
28.323	1838.653	2138.286	1.454
1.104	543.876	1.000	14.796
1/17/2017 7:00:00 PM	507600.000	12.428	17.664
28.328	1838.537	2138.147	1.454
1.104	543.911	1.000	14.797

1/17/2017 7:15:00 PM	508500.000	12.432	17.665
28.337	1837.301	2136.656	1.453
1.103	544.277	1.000	14.794
1/17/2017 7:30:00 PM	509400.000	12.428	17.664
28.328	1838.437	2138.010	1.454
1.104	543.940	1.000	14.798
1/17/2017 7:45:00 PM	510300.000	12.426	17.663
28.322	1839.210	2138.942	1.454
1.104	543.712	1.000	14.801
1/17/2017 8:00:00 PM	511200.000	12.425	17.664
28.321	1839.101	2138.779	1.454
1.104	543.744	1.000	14.802
1/17/2017 8:15:00 PM	512100.000	12.424	17.664
28.319	1841.857	2141.996	1.457
1.106	542.930	1.000	14.805
1/17/2017 8:30:00 PM	513000.000	12.425	17.663
28.321	1841.035	2141.086	1.456
1.105	543.173	1.000	14.805
1/17/2017 8:45:00 PM	513900.000	12.426	17.664
28.322	1840.695	2140.657	1.456
1.105	543.273	1.000	14.806
1/17/2017 9:00:00 PM	514800.000	12.429	17.665
28.329	1841.604	2141.653	1.456
1.106	543.005	1.000	14.802
1/17/2017 9:15:00 PM	515700.000	12.438	17.665
28.349	1844.385	2144.861	1.459
1.108	542.186	1.000	14.795
1/17/2017 9:30:00 PM	516600.000	12.438	17.664
28.350	1844.262	2144.777	1.458
1.107	542.222	1.000	14.794
1/17/2017 9:45:00 PM	517500.000	12.442	17.664
28.359	1844.303	2144.849	1.458
1.108	542.210	1.000	14.790
1/17/2017 10:00:00 PM	518400.000	12.440	17.664
28.355	1843.979	2144.451	1.458
1.107	542.306	1.000	14.790
1/17/2017 10:15:00 PM	519300.000	12.444	17.664
28.364	1842.812	2143.119	1.457
1.107	542.649	1.000	14.788
1/17/2017 10:30:00 PM	520200.000	12.436	17.663
28.346	1843.435	2143.857	1.458
1.107	542.465	1.000	14.795
1/17/2017 10:45:00 PM	521100.000	12.436	17.663
28.345	1842.910	2143.245	1.457
1.107	542.620	1.000	14.794
1/17/2017 11:00:00 PM	522000.000	12.444	17.665
28.363	1842.767	2143.012	1.457
1.107	542.662	1.000	14.787
1/17/2017 11:15:00 PM	522900.000	12.433	17.665
28.340	1843.120	2143.416	1.458
1.107	542.558	1.000	14.797
1/17/2017 11:30:00 PM	523800.000	12.438	17.663
28.349	1844.372	2144.938	1.459
1.108	542.190	1.000	14.792

1/17/2017 11:45:00 PM	524700.000	12.440	17.664
28.355	1844.354	2144.892	1.459
1.108	542.195	1.000	14.790
1/18/2017 12:00:00 AM	525600.000	12.452	17.663
28.381	1842.823	2143.135	1.457
1.107	542.646	1.000	14.777
1/18/2017 12:15:00 AM	526500.000	12.445	17.664
28.366	1842.648	2142.911	1.457
1.106	542.697	1.000	14.783
1/18/2017 12:30:00 AM	527400.000	12.452	17.665
28.382	1842.501	2142.696	1.457
1.106	542.740	1.000	14.775
1/18/2017 12:45:00 AM	528300.000	12.447	17.664
28.370	1842.329	2142.532	1.457
1.106	542.791	1.000	14.779
1/18/2017 1:00:00 AM	529200.000	12.450	17.665
28.377	1842.892	2143.154	1.457
1.107	542.625	1.000	14.775
1/18/2017 1:15:00 AM	530100.000	12.449	17.664
28.375	1843.331	2143.719	1.458
1.107	542.496	1.000	14.775
1/18/2017 1:30:00 AM	531000.000	12.438	17.665
28.349	1843.999	2144.446	1.458
1.107	542.299	1.000	14.784
1/18/2017 1:45:00 AM	531900.000	12.430	17.664
28.332	1843.142	2143.482	1.458
1.107	542.552	1.000	14.792
1/18/2017 2:00:00 AM	532800.000	12.439	17.663
28.352	1843.396	2143.802	1.458
1.107	542.477	1.000	14.784
1/18/2017 2:15:00 AM	533700.000	12.435	17.665
28.343	1844.080	2144.548	1.458
1.107	542.276	1.000	14.788
1/18/2017 2:30:00 AM	534600.000	12.432	17.665
28.336	1843.051	2143.351	1.457
1.107	542.579	1.000	14.791
1/18/2017 2:45:00 AM	535500.000	12.433	17.666
28.339	1844.023	2144.410	1.458
1.107	542.293	1.000	14.789
1/18/2017 3:00:00 AM	536400.000	12.442	17.663
28.360	1845.176	2145.894	1.459
1.108	541.954	1.000	14.782
1/18/2017 3:15:00 AM	537300.000	12.445	17.665
28.365	1843.422	2143.779	1.458
1.107	542.469	1.000	14.783
1/18/2017 3:30:00 AM	538200.000	12.437	17.665
28.348	1842.116	2142.235	1.457
1.106	542.854	1.000	14.785
1/18/2017 3:45:00 AM	539100.000	12.440	17.664
28.354	1841.579	2141.677	1.456
1.106	543.012	1.000	14.783
1/18/2017 4:00:00 AM	540000.000	12.446	17.664
28.368	1841.467	2141.518	1.456
1.106	543.045	1.000	14.777

1/18/2017 4:15:00 AM	540900.000	12.436	17.664
28.345	1842.226	2142.409	1.457
1.106	542.821	1.000	14.785
1/18/2017 4:30:00 AM	541800.000	12.436	17.664
28.345	1841.978	2142.120	1.457
1.106	542.895	1.000	14.784
1/18/2017 4:45:00 AM	542700.000	12.437	17.664
28.347	1841.372	2141.441	1.456
1.106	543.073	1.000	14.786
1/18/2017 5:00:00 AM	543600.000	12.436	17.663
28.346	1840.617	2140.570	1.456
1.105	543.296	1.000	14.785
1/18/2017 5:15:00 AM	544500.000	12.443	17.663
28.361	1840.942	2140.948	1.456
1.105	543.200	1.000	14.779
1/18/2017 5:30:00 AM	545400.000	12.445	17.664
28.366	1841.004	2141.016	1.456
1.105	543.182	1.000	14.778
1/18/2017 5:45:00 AM	546300.000	12.453	17.664
28.385	1841.709	2141.815	1.456
1.106	542.974	1.000	14.768
1/18/2017 6:00:00 AM	547200.000	12.442	17.664
28.359	1841.299	2141.339	1.456
1.106	543.095	1.000	14.779
1/18/2017 6:15:00 AM	548100.000	12.435	17.664
28.343	1837.776	2137.255	1.453
1.103	544.136	1.000	14.785
1/18/2017 6:30:00 AM	549000.000	12.436	17.664
28.345	1837.124	2136.471	1.453
1.103	544.329	1.000	14.789
1/18/2017 6:45:00 AM	549900.000	12.433	17.665
28.338	1840.933	2140.855	1.456
1.105	543.203	1.000	14.788
1/18/2017 7:00:00 AM	550800.000	12.451	17.664
28.380	1841.459	2141.512	1.456
1.106	543.048	1.000	14.770
1/18/2017 7:15:00 AM	551700.000	12.448	17.664
28.373	1841.762	2141.856	1.456
1.106	542.958	1.000	14.773
1/18/2017 7:30:00 AM	552600.000	12.446	17.665
28.369	1843.068	2143.338	1.457
1.107	542.573	1.000	14.776
1/18/2017 7:45:00 AM	553500.000	12.455	17.666
28.389	1843.897	2144.280	1.458
1.107	542.330	1.000	14.764
1/18/2017 8:00:00 AM	554400.000	12.459	17.663
28.397	1843.986	2144.492	1.458
1.107	542.304	1.000	14.758
1/18/2017 8:15:00 AM	555300.000	12.457	17.663
28.394	1843.434	2143.876	1.458
1.107	542.466	1.000	14.759
1/18/2017 8:30:00 AM	556200.000	12.459	17.666
28.397	1841.472	2141.448	1.456
1.106	543.044	1.000	14.755

1/18/2017 8:45:00 AM	557100.000	12.464	17.664
28.409	1841.415	2141.453	1.456
1.106	543.061	1.000	14.746
1/18/2017 9:00:00 AM	558000.000	12.468	17.663
28.418	1842.620	2142.908	1.457
1.106	542.705	1.000	14.741
1/18/2017 9:15:00 AM	558900.000	12.461	17.665
28.403	1843.261	2143.583	1.458
1.107	542.517	1.000	14.745
1/18/2017 9:30:00 AM	559800.000	12.469	17.666
28.420	1843.893	2144.281	1.458
1.107	542.331	1.000	14.738
1/18/2017 9:45:00 AM	560700.000	12.458	17.664
28.396	1845.010	2145.676	1.459
1.108	542.002	1.000	14.742
1/18/2017 10:00:00 AM	561600.000	12.457	17.664
28.392	1844.321	2144.841	1.458
1.108	542.205	1.000	14.742
1/18/2017 10:15:00 AM	562500.000	12.427	17.665
28.324	1843.557	2143.911	1.458
1.107	542.430	1.000	14.772
1/18/2017 10:30:00 AM	563400.000	12.423	17.663
28.315	1844.378	2144.949	1.459
1.108	542.188	1.000	14.777
1/18/2017 10:45:00 AM	564300.000	12.418	17.664
28.304	1843.176	2143.500	1.458
1.107	542.542	1.000	14.783
1/18/2017 11:00:00 AM	565200.000	12.428	17.664
28.328	1843.122	2143.446	1.458
1.107	542.558	1.000	14.776
1/18/2017 11:15:00 AM	566100.000	12.435	17.664
28.342	1842.587	2142.840	1.457
1.106	542.715	1.000	14.772
1/18/2017 11:30:00 AM	567000.000	12.435	17.665
28.342	1840.384	2140.245	1.455
1.105	543.365	1.000	14.773
1/18/2017 11:45:00 AM	567900.000	12.438	17.664
28.350	1841.648	2141.740	1.456
1.106	542.992	1.000	14.771
1/18/2017 12:00:00 PM	568800.000	12.448	17.665
28.373	1841.713	2141.791	1.456
1.106	542.973	1.000	14.760
1/18/2017 12:15:00 PM	569700.000	12.446	17.664
28.369	1839.710	2139.487	1.455
1.105	543.564	1.000	14.761
1/18/2017 12:30:00 PM	570600.000	12.465	17.664
28.413	1839.597	2139.368	1.455
1.105	543.597	1.000	14.746
1/18/2017 12:45:00 PM	571500.000	12.461	17.666
28.402	1838.477	2137.969	1.454
1.104	543.929	1.000	14.743
1/18/2017 1:00:00 PM	572400.000	12.462	17.663
28.405	1840.040	2139.903	1.455
1.105	543.467	1.000	14.740

1/18/2017 1:15:00 PM	573300.000	12.470	17.666
28.424	1841.571	2141.567	1.456
1.106	543.015	1.000	14.730
1/18/2017 1:30:00 PM	574200.000	12.471	17.664
28.425	1842.813	2143.078	1.457
1.107	542.649	1.000	14.725
1/18/2017 1:45:00 PM	575100.000	12.471	17.664
28.425	1842.575	2142.810	1.457
1.106	542.719	1.000	14.723
1/18/2017 2:00:00 PM	576000.000	12.477	17.663
28.438	1841.970	2142.148	1.457
1.106	542.897	1.000	14.714
1/18/2017 2:15:00 PM	576900.000	12.480	17.666
28.446	1840.965	2140.859	1.456
1.105	543.193	1.000	14.706
1/18/2017 2:30:00 PM	577800.000	12.482	17.664
28.450	1841.118	2141.145	1.456
1.106	543.148	1.000	14.700
1/18/2017 2:45:00 PM	578700.000	12.487	17.664
28.463	1840.434	2140.324	1.455
1.105	543.350	1.000	14.690
1/18/2017 3:00:00 PM	579600.000	12.495	17.665
28.480	1839.911	2139.695	1.455
1.105	543.505	1.000	14.676
1/18/2017 3:15:00 PM	580500.000	12.492	17.664
28.474	1840.609	2140.558	1.456
1.105	543.298	1.000	14.673
1/18/2017 3:30:00 PM	581400.000	12.493	17.665
28.475	1841.004	2140.958	1.456
1.105	543.182	1.000	14.667
1/18/2017 3:45:00 PM	582300.000	12.484	17.666
28.454	1841.306	2141.272	1.456
1.106	543.093	1.000	14.672
1/18/2017 4:00:00 PM	583200.000	12.480	17.665
28.445	1842.116	2142.255	1.457
1.106	542.854	1.000	14.672
1/18/2017 4:15:00 PM	584100.000	12.487	17.666
28.463	1844.874	2145.388	1.459
1.108	542.042	1.000	14.660
1/18/2017 4:30:00 PM	585000.000	12.486	17.666
28.460	1844.638	2145.147	1.459
1.108	542.112	1.000	14.654
1/18/2017 4:45:00 PM	585900.000	12.479	17.664
28.444	1846.114	2146.931	1.460
1.109	541.678	1.000	14.657
1/18/2017 5:00:00 PM	586800.000	12.482	17.664
28.450	1846.049	2146.847	1.460
1.109	541.697	1.000	14.647
1/18/2017 5:15:00 PM	587700.000	12.488	17.663
28.465	1845.350	2146.079	1.459
1.108	541.903	1.000	14.638
1/18/2017 5:30:00 PM	588600.000	12.490	17.666
28.469	1844.521	2145.002	1.459
1.108	542.146	1.000	14.635

1/18/2017 5:45:00 PM	589500.000	12.487	17.666
28.461	1845.230	2145.823	1.459
1.108	541.938	1.000	14.632
1/18/2017 6:00:00 PM	590400.000	12.485	17.664
28.458	1845.555	2146.272	1.459
1.108	541.843	1.000	14.630
1/18/2017 6:15:00 PM	591300.000	12.487	17.665
28.463	1844.303	2144.761	1.458
1.107	542.210	1.000	14.622
1/18/2017 6:30:00 PM	592200.000	12.478	17.666
28.440	1844.790	2145.281	1.459
1.108	542.067	1.000	14.629
1/18/2017 6:45:00 PM	593100.000	12.475	17.664
28.435	1844.799	2145.430	1.459
1.108	542.065	1.000	14.627
1/18/2017 7:00:00 PM	594000.000	12.471	17.664
28.425	1844.026	2144.509	1.458
1.107	542.292	1.000	14.631
1/18/2017 7:15:00 PM	594900.000	12.470	17.664
28.424	1842.594	2142.853	1.457
1.106	542.713	1.000	14.629
1/18/2017 7:30:00 PM	595800.000	12.462	17.666
28.404	1842.008	2142.088	1.457
1.106	542.886	1.000	14.635
1/18/2017 7:45:00 PM	596700.000	12.457	17.664
28.392	1843.597	2144.011	1.458
1.107	542.418	1.000	14.637
1/18/2017 8:00:00 PM	597600.000	12.455	17.664
28.388	1844.057	2144.564	1.458
1.107	542.282	1.000	14.639
1/18/2017 8:15:00 PM	598500.000	12.454	17.665
28.386	1843.205	2143.526	1.458
1.107	542.533	1.000	14.640
1/18/2017 8:30:00 PM	599400.000	12.452	17.665
28.382	1844.343	2144.841	1.458
1.108	542.198	1.000	14.641
1/18/2017 8:45:00 PM	600300.000	12.449	17.665
28.375	1844.608	2145.124	1.459
1.108	542.121	1.000	14.645
1/18/2017 9:00:00 PM	601200.000	12.441	17.664
28.357	1845.383	2146.109	1.459
1.108	541.893	1.000	14.653
1/18/2017 9:15:00 PM	602100.000	12.449	17.666
28.375	1845.831	2146.526	1.460
1.108	541.761	1.000	14.646
1/18/2017 9:30:00 PM	603000.000	12.448	17.664
28.373	1844.826	2145.457	1.459
1.108	542.057	1.000	14.647
1/18/2017 9:45:00 PM	603900.000	12.442	17.664
28.360	1844.765	2145.348	1.459
1.108	542.075	1.000	14.649
1/18/2017 10:00:00 PM	604800.000	12.439	17.665
28.352	1843.801	2144.219	1.458
1.107	542.358	1.000	14.658

1/18/2017 10:15:00 PM	605700.000	12.441	17.664
28.357	1843.727	2144.180	1.458
1.107	542.380	1.000	14.657
1/18/2017 10:30:00 PM	606600.000	12.438	17.665
28.351	1842.553	2142.768	1.457
1.106	542.725	1.000	14.660
1/18/2017 10:45:00 PM	607500.000	12.444	17.665
28.364	1842.107	2142.212	1.457
1.106	542.857	1.000	14.655
1/18/2017 11:00:00 PM	608400.000	12.444	17.663
28.364	1842.783	2143.094	1.457
1.107	542.658	1.000	14.656
1/18/2017 11:15:00 PM	609300.000	12.438	17.664
28.349	1843.279	2143.650	1.458
1.107	542.511	1.000	14.665
1/18/2017 11:30:00 PM	610200.000	12.445	17.664
28.367	1843.351	2143.737	1.458
1.107	542.490	1.000	14.657
1/18/2017 11:45:00 PM	611100.000	12.435	17.665
28.342	1843.571	2143.935	1.458
1.107	542.426	1.000	14.670

Report Date: 1/20/2017 8:28:57 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_2017-01-19_12-46-34-010-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
1/19/2017 12:46:33 PM Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval -
Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:45:00 PM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 732

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		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A)
658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A)
658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A)
658.7ft	Sensor: Baro-Adj Calc			
	SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552
SN#: 437552	SN#: 437552	SN#: 437552		SN#: 437552
SN#: 437552	SN#: 437552	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)				

1/12/2017 12:00:00 AM	7200.000	133.528	20.376	
304.352	12294.097	13485.068	7.870	
9169.848	81.340	1.004	14.679	
1/12/2017 12:15:00 AM	8100.000	133.526	20.383	
304.347	12291.499	13480.347	7.867	
9166.637	81.357	1.004	14.679	
1/12/2017 12:30:00 AM	9000.000	133.535	20.380	
304.368	12290.175	13479.759	7.866	
9166.237	81.366	1.004	14.671	
1/12/2017 12:45:00 AM	9900.000	133.543	20.379	
304.385	12291.234	13481.192	7.867	
9167.212	81.359	1.004	14.669	
1/12/2017 1:00:00 AM	10800.000	133.546	20.387	
304.393	12296.688	13484.732	7.870	
9169.618	81.323	1.004	14.663	
1/12/2017 1:15:00 AM	11700.000	133.541	20.384	
304.382	12293.979	13482.647	7.868	
9168.200	81.341	1.004	14.661	
1/12/2017 1:30:00 AM	12600.000	133.553	20.388	
304.408	12297.854	13485.889	7.870	
9170.404	81.315	1.004	14.663	
1/12/2017 1:45:00 AM	13500.000	133.556	20.379	
304.416	12298.002	13488.615	7.872	
9172.260	81.314	1.004	14.660	

1/12/2017 2:00:00 AM	14400.000	133.561	20.383
304.427	12301.191	13490.828	7.873
9173.765	81.293	1.004	14.658
1/12/2017 2:15:00 AM	15300.000	133.557	20.373
304.417	12295.396	13487.308	7.871
9171.369	81.331	1.004	14.663
1/12/2017 2:30:00 AM	16200.000	133.559	20.386
304.422	12298.650	13487.375	7.871
9171.415	81.310	1.004	14.668
1/12/2017 2:45:00 AM	17100.000	133.559	20.378
304.422	12295.371	13485.951	7.870
9170.447	81.331	1.004	14.665
1/12/2017 3:00:00 AM	18000.000	133.554	20.378
304.412	12299.153	13490.124	7.873
9173.284	81.306	1.004	14.667
1/12/2017 3:15:00 AM	18900.000	133.566	20.390
304.439	12302.770	13490.686	7.873
9173.666	81.283	1.004	14.659
1/12/2017 3:30:00 AM	19800.000	133.566	20.383
304.437	12300.074	13489.529	7.873
9172.880	81.300	1.004	14.654
1/12/2017 3:45:00 AM	20700.000	133.550	20.385
304.401	12302.906	13492.316	7.874
9174.776	81.282	1.004	14.666
1/12/2017 4:00:00 AM	21600.000	133.565	20.380
304.436	12302.093	13492.778	7.875
9175.089	81.287	1.004	14.655
1/12/2017 4:15:00 AM	22500.000	133.568	20.379
304.443	12300.319	13490.933	7.873
9173.835	81.299	1.004	14.657
1/12/2017 4:30:00 AM	23400.000	133.565	20.380
304.436	12300.937	13491.387	7.874
9174.143	81.295	1.004	14.656
1/12/2017 4:45:00 AM	24300.000	133.572	20.380
304.451	12303.171	13493.914	7.875
9175.861	81.280	1.004	14.651
1/12/2017 5:00:00 AM	25200.000	133.572	20.379
304.452	12302.557	13493.610	7.875
9175.655	81.284	1.004	14.651
1/12/2017 5:15:00 AM	26100.000	133.581	20.385
304.472	12304.661	13494.217	7.876
9176.067	81.270	1.004	14.654
1/12/2017 5:30:00 AM	27000.000	133.582	20.372
304.475	12296.018	13488.435	7.872
9172.137	81.327	1.004	14.651
1/12/2017 5:45:00 AM	27900.000	133.583	20.386
304.477	12303.191	13492.281	7.874
9174.751	81.280	1.004	14.648
1/12/2017 6:00:00 AM	28800.000	133.586	20.374
304.483	12300.535	13492.775	7.875
9175.087	81.297	1.004	14.656
1/12/2017 6:15:00 AM	29700.000	133.582	20.379
304.475	12303.560	13494.663	7.876
9176.371	81.277	1.004	14.657
1/12/2017 6:30:00 AM	30600.000	133.636	20.388
304.597	12302.926	13491.376	7.874

9174.136	81.281	1.004	14.650
1/12/2017 6:45:00 AM	31500.000	133.599	20.387
304.514	12303.222	13491.922	7.874
9174.507	81.280	1.004	14.658
1/12/2017 7:00:00 AM	32400.000	133.607	20.380
304.532	12303.194	13493.790	7.875
9175.777	81.280	1.004	14.663
1/12/2017 7:15:00 AM	33300.000	133.629	20.379
304.581	12302.496	13493.394	7.875
9175.509	81.284	1.004	14.660
1/12/2017 7:30:00 AM	34200.000	133.628	20.375
304.580	12303.114	13495.185	7.876
9176.727	81.280	1.004	14.668
1/12/2017 7:45:00 AM	35100.000	133.639	20.372
304.605	12298.380	13490.929	7.873
9173.833	81.312	1.004	14.676
1/12/2017 8:00:00 AM	36000.000	133.644	20.375
304.615	12300.224	13491.990	7.874
9174.554	81.299	1.004	14.675
1/12/2017 8:15:00 AM	36900.000	133.654	20.388
304.639	12302.183	13490.533	7.873
9173.563	81.286	1.004	14.682
1/12/2017 8:30:00 AM	37800.000	133.660	20.377
304.653	12301.832	13493.208	7.875
9175.383	81.289	1.004	14.690
1/12/2017 8:45:00 AM	38700.000	133.666	20.389
304.665	12301.467	13489.626	7.873
9172.946	81.291	1.004	14.690
1/12/2017 9:00:00 AM	39600.000	133.672	20.375
304.680	12297.387	13488.925	7.872
9172.469	81.318	1.004	14.702
1/12/2017 9:15:00 AM	40500.000	133.699	20.387
304.741	12299.557	13488.074	7.872
9171.892	81.304	1.004	14.693
1/12/2017 9:30:00 AM	41400.000	133.707	20.386
304.760	12302.444	13491.363	7.874
9174.128	81.285	1.004	14.694
1/12/2017 9:45:00 AM	42300.000	133.702	20.392
304.748	12302.529	13489.878	7.873
9173.117	81.284	1.004	14.710
1/12/2017 10:00:00 AM	43200.000	133.715	20.394
304.778	12305.365	13492.297	7.874
9174.762	81.265	1.004	14.705
1/12/2017 10:15:00 AM	44100.000	133.722	20.388
304.793	12301.530	13489.919	7.873
9173.146	81.291	1.004	14.706
1/12/2017 10:30:00 AM	45000.000	133.742	20.386
304.839	12297.604	13486.008	7.870
9170.485	81.317	1.004	14.706
1/12/2017 10:45:00 AM	45900.000	133.740	20.393
304.835	12303.248	13490.397	7.873
9173.472	81.279	1.004	14.711
1/12/2017 11:00:00 AM	46800.000	133.783	20.390
304.932	12301.870	13489.526	7.873
9172.878	81.288	1.004	14.705
1/12/2017 11:15:00 AM	47700.000	133.785	20.391

304.938	12299.440	13486.789	7.871
9171.017	81.305	1.004	14.704
1/12/2017 11:30:00 AM	48600.000	133.760	20.389
304.881	12297.215	13484.963	7.870
9169.775	81.319	1.004	14.712
1/12/2017 11:45:00 AM	49500.000	133.768	20.383
304.898	12296.444	13485.598	7.870
9170.206	81.324	1.004	14.705
1/12/2017 12:00:00 PM	50400.000	133.761	20.388
304.882	12294.226	13481.758	7.868
9167.596	81.339	1.004	14.703
1/12/2017 12:15:00 PM	51300.000	133.757	20.379
304.873	12292.997	13483.102	7.868
9168.510	81.347	1.004	14.701
1/12/2017 12:30:00 PM	52200.000	133.763	20.392
304.886	12297.751	13484.688	7.870
9169.588	81.316	1.004	14.701
1/12/2017 12:45:00 PM	53100.000	133.762	20.374
304.886	12286.957	13477.683	7.865
9164.824	81.387	1.004	14.695
1/12/2017 1:00:00 PM	54000.000	133.757	20.370
304.874	12286.732	13478.667	7.866
9165.494	81.389	1.004	14.697
1/12/2017 1:15:00 PM	54900.000	133.761	20.361
304.882	12279.392	13473.302	7.862
9161.846	81.437	1.004	14.699
1/12/2017 1:30:00 PM	55800.000	133.752	20.371
304.862	12285.895	13477.502	7.865
9164.701	81.394	1.004	14.694
1/12/2017 1:45:00 PM	56700.000	133.743	20.370
304.841	12279.998	13471.232	7.861
9160.438	81.433	1.004	14.697
1/12/2017 2:00:00 PM	57600.000	133.727	20.372
304.806	12281.266	13472.105	7.861
9161.032	81.425	1.004	14.699
1/12/2017 2:15:00 PM	58500.000	133.732	20.366
304.816	12282.819	13475.410	7.864
9163.279	81.415	1.004	14.692
1/12/2017 2:30:00 PM	59400.000	133.711	20.371
304.769	12282.312	13473.524	7.862
9161.998	81.418	1.004	14.698
1/12/2017 2:45:00 PM	60300.000	133.705	20.372
304.755	12280.849	13471.771	7.861
9160.804	81.428	1.004	14.695
1/12/2017 3:00:00 PM	61200.000	133.677	20.386
304.692	12281.910	13468.868	7.860
9158.831	81.421	1.004	14.701
1/12/2017 3:15:00 PM	62100.000	133.668	20.379
304.670	12281.991	13470.953	7.861
9160.249	81.420	1.004	14.703
1/12/2017 3:30:00 PM	63000.000	133.660	20.374
304.652	12279.678	13469.871	7.860
9159.514	81.435	1.004	14.701
1/12/2017 3:45:00 PM	63900.000	133.642	20.374
304.612	12277.036	13466.849	7.858
9157.457	81.453	1.004	14.704

1/12/2017 4:00:00 PM	64800.000	133.622	20.382
304.567	12279.353	13467.123	7.858
9157.645	81.438	1.004	14.707
1/12/2017 4:15:00 PM	65700.000	46.433	17.266
105.836	5043.335	5917.430	3.242
4023.852	198.281	1.001	14.706
1/12/2017 4:30:00 PM	66600.000	-0.035	12.319
-0.079	98.328	129.755	0.061
88.233	10170.031	1.000	14.710
1/12/2017 4:45:00 PM	67500.000	-0.026	12.750
-0.058	117.798	153.776	0.072
104.568	8489.140	0.999	14.705
1/12/2017 5:00:00 PM	68400.000	133.607	20.268
304.531	12296.260	13517.898	7.890
9192.171	81.326	1.004	14.706
1/12/2017 5:15:00 PM	69300.000	133.552	20.345
304.405	12298.104	13498.305	7.878
9178.849	81.313	1.004	14.713
1/12/2017 5:30:00 PM	70200.000	133.549	20.339
304.398	12282.641	13482.959	7.868
9168.412	81.416	1.004	14.701
1/12/2017 5:45:00 PM	71100.000	133.533	20.345
304.363	12274.682	13472.671	7.862
9161.416	81.469	1.004	14.712
1/12/2017 6:00:00 PM	72000.000	133.533	20.341
304.363	12271.368	13469.940	7.860
9159.561	81.491	1.004	14.705
1/12/2017 6:15:00 PM	72900.000	133.509	20.351
304.308	12269.655	13465.377	7.857
9156.457	81.502	1.004	14.718
1/12/2017 6:30:00 PM	73800.000	133.498	20.351
304.283	12272.941	13468.858	7.859
9158.825	81.480	1.004	14.710
1/12/2017 6:45:00 PM	74700.000	133.518	20.354
304.328	12273.128	13468.179	7.859
9158.361	81.479	1.004	14.719
1/12/2017 7:00:00 PM	75600.000	133.486	20.350
304.256	12268.471	13464.177	7.856
9155.641	81.510	1.004	14.725
1/12/2017 7:15:00 PM	76500.000	133.475	20.354
304.231	12268.625	13463.314	7.856
9155.054	81.509	1.004	14.725
1/12/2017 7:30:00 PM	77400.000	133.471	20.352
304.222	12265.312	13460.263	7.854
9152.979	81.531	1.004	14.726
1/12/2017 7:45:00 PM	78300.000	133.466	20.351
304.211	12267.616	13463.188	7.856
9154.969	81.515	1.004	14.731
1/12/2017 8:00:00 PM	79200.000	133.458	20.350
304.192	12261.573	13456.703	7.852
9150.560	81.556	1.004	14.735
1/12/2017 8:15:00 PM	80100.000	133.456	20.356
304.187	12261.771	13455.319	7.851
9149.617	81.554	1.004	14.734
1/12/2017 8:30:00 PM	81000.000	133.459	20.346
304.195	12258.906	13454.858	7.850

9149.305	81.573	1.004	14.740
1/12/2017 8:45:00 PM	81900.000	133.460	20.352
304.195	12257.719	13451.884	7.849
9147.281	81.581	1.004	14.741
1/12/2017 9:00:00 PM	82800.000	133.460	20.344
304.196	12252.597	13448.553	7.846
9145.016	81.615	1.004	14.733
1/12/2017 9:15:00 PM	83700.000	133.454	20.354
304.182	12254.729	13448.234	7.846
9144.800	81.601	1.004	14.736
1/12/2017 9:30:00 PM	84600.000	133.460	20.349
304.195	12253.161	13447.866	7.846
9144.550	81.612	1.004	14.744
1/12/2017 9:45:00 PM	85500.000	133.500	20.346
304.287	12252.083	13447.445	7.846
9144.264	81.619	1.004	14.741
1/12/2017 10:00:00 PM	86400.000	133.470	20.351
304.218	12253.333	13447.292	7.846
9144.158	81.610	1.004	14.740
1/12/2017 10:15:00 PM	87300.000	133.464	20.356
304.205	12255.653	13448.657	7.847
9145.087	81.595	1.004	14.751
1/12/2017 10:30:00 PM	88200.000	133.475	20.348
304.230	12254.161	13449.186	7.847
9145.447	81.605	1.004	14.749
1/12/2017 10:45:00 PM	89100.000	133.475	20.352
304.230	12254.931	13448.923	7.847
9145.269	81.600	1.004	14.747
1/12/2017 11:00:00 PM	90000.000	133.476	20.358
304.232	12257.105	13449.511	7.847
9145.667	81.585	1.004	14.754
1/12/2017 11:15:00 PM	90900.000	133.481	20.356
304.244	12257.638	13450.638	7.848
9146.434	81.582	1.004	14.755
1/12/2017 11:30:00 PM	91800.000	133.488	20.354
304.260	12257.842	13451.627	7.848
9147.107	81.580	1.004	14.752
1/12/2017 11:45:00 PM	92700.000	133.494	20.353
304.274	12256.563	13450.271	7.848
9146.185	81.589	1.004	14.750
1/13/2017 12:00:00 AM	93600.000	133.505	20.356
304.299	12258.320	13451.340	7.848
9146.912	81.577	1.004	14.752
1/13/2017 12:15:00 AM	94500.000	133.497	20.355
304.281	12258.570	13452.151	7.849
9147.464	81.576	1.004	14.756
1/13/2017 12:30:00 AM	95400.000	133.544	20.358
304.387	12261.549	13454.537	7.850
9149.085	81.556	1.004	14.751
1/13/2017 12:45:00 AM	96300.000	133.523	20.356
304.339	12263.566	13457.169	7.852
9150.875	81.542	1.004	14.747
1/13/2017 1:00:00 AM	97200.000	133.527	20.356
304.349	12268.265	13462.422	7.855
9154.447	81.511	1.004	14.754
1/13/2017 1:15:00 AM	98100.000	133.524	20.358

304.343	12266.799	13460.074	7.854
9152.852	81.521	1.004	14.759
1/13/2017 1:30:00 AM	99000.000	133.532	20.360
304.360	12264.804	13457.419	7.852
9151.046	81.534	1.004	14.753
1/13/2017 1:45:00 AM	99900.000	133.531	20.361
304.357	12267.391	13460.035	7.854
9152.824	81.517	1.004	14.760
1/13/2017 2:00:00 AM	100800.000	133.538	20.357
304.374	12265.817	13459.517	7.853
9152.473	81.527	1.004	14.762
1/13/2017 2:15:00 AM	101700.000	133.538	20.355
304.374	12266.442	13460.570	7.854
9153.188	81.523	1.004	14.762
1/13/2017 2:30:00 AM	102600.000	133.538	20.370
304.375	12271.015	13461.573	7.855
9153.870	81.493	1.004	14.755
1/13/2017 2:45:00 AM	103500.000	133.540	20.367
304.380	12270.242	13461.344	7.855
9153.714	81.498	1.004	14.762
1/13/2017 3:00:00 AM	104400.000	133.544	20.359
304.388	12269.151	13462.460	7.855
9154.474	81.505	1.004	14.771
1/13/2017 3:15:00 AM	105300.000	133.530	20.362
304.357	12272.461	13465.275	7.857
9156.389	81.483	1.004	14.771
1/13/2017 3:30:00 AM	106200.000	133.544	20.373
304.388	12271.007	13460.702	7.854
9153.277	81.493	1.004	14.767
1/13/2017 3:45:00 AM	107100.000	133.525	20.375
304.344	12275.102	13464.480	7.857
9155.848	81.466	1.004	14.774
1/13/2017 4:00:00 AM	108000.000	133.532	20.356
304.360	12267.883	13462.026	7.855
9154.179	81.514	1.004	14.773
1/13/2017 4:15:00 AM	108900.000	133.565	20.372
304.436	12271.826	13461.751	7.855
9153.992	81.487	1.004	14.772
1/13/2017 4:30:00 AM	109800.000	133.524	20.370
304.342	12274.472	13465.269	7.857
9156.384	81.470	1.004	14.770
1/13/2017 4:45:00 AM	110700.000	133.538	20.368
304.373	12271.027	13462.007	7.855
9154.165	81.493	1.004	14.772
1/13/2017 5:00:00 AM	111600.000	133.528	20.374
304.353	12275.319	13465.064	7.857
9156.244	81.464	1.004	14.776
1/13/2017 5:15:00 AM	112500.000	133.514	20.360
304.320	12271.224	13464.585	7.857
9155.918	81.491	1.004	14.783
1/13/2017 5:30:00 AM	113400.000	133.524	20.374
304.341	12274.391	13464.022	7.856
9155.536	81.470	1.004	14.778
1/13/2017 5:45:00 AM	114300.000	133.523	20.371
304.341	12274.609	13465.122	7.857
9156.283	81.469	1.004	14.776

1/13/2017 6:00:00 AM	115200.000	133.529	20.361
304.353	12270.854	13463.812	7.856
9155.392	81.494	1.004	14.784
1/13/2017 6:15:00 AM	116100.000	133.536	20.367
304.371	12272.473	13463.790	7.856
9155.377	81.483	1.004	14.777
1/13/2017 6:30:00 AM	117000.000	133.555	20.372
304.414	12273.338	13463.532	7.856
9155.203	81.477	1.004	14.780
1/13/2017 6:45:00 AM	117900.000	133.523	20.372
304.340	12270.793	13460.644	7.854
9153.237	81.494	1.004	14.788
1/13/2017 7:00:00 AM	118800.000	133.532	20.366
304.360	12274.624	13466.642	7.858
9157.317	81.469	1.004	14.789
1/13/2017 7:15:00 AM	119700.000	133.542	20.373
304.383	12272.197	13462.008	7.855
9154.165	81.485	1.004	14.789
1/13/2017 7:30:00 AM	120600.000	133.532	20.376
304.362	12270.138	13458.717	7.853
9151.928	81.499	1.004	14.791
1/13/2017 7:45:00 AM	121500.000	133.546	20.364
304.392	12272.701	13465.100	7.857
9156.269	81.482	1.004	14.798
1/13/2017 8:00:00 AM	122400.000	133.586	20.385
304.483	12275.567	13462.135	7.855
9154.252	81.463	1.004	14.793
1/13/2017 8:15:00 AM	123300.000	133.569	20.374
304.446	12271.565	13460.823	7.854
9153.360	81.489	1.004	14.798
1/13/2017 8:30:00 AM	124200.000	133.574	20.360
304.457	12265.531	13458.241	7.853
9151.604	81.529	1.004	14.803
1/13/2017 8:45:00 AM	125100.000	133.589	20.364
304.490	12268.632	13460.560	7.854
9153.181	81.509	1.004	14.805
1/13/2017 9:00:00 AM	126000.000	133.591	20.381
304.495	12267.771	13454.791	7.851
9149.259	81.514	1.004	14.806
1/13/2017 9:15:00 AM	126900.000	133.597	20.374
304.509	12265.720	13454.461	7.850
9149.033	81.528	1.004	14.815
1/13/2017 9:30:00 AM	127800.000	133.597	20.381
304.509	12270.134	13457.407	7.852
9151.037	81.499	1.004	14.812
1/13/2017 9:45:00 AM	128700.000	133.613	20.386
304.545	12269.469	13455.275	7.851
9149.588	81.503	1.004	14.816
1/13/2017 10:00:00 AM	129600.000	133.627	20.375
304.577	12268.277	13456.898	7.852
9150.692	81.511	1.004	14.818
1/13/2017 10:15:00 AM	130500.000	133.631	20.385
304.587	12272.621	13459.054	7.853
9152.157	81.482	1.004	14.821
1/13/2017 10:30:00 AM	131400.000	133.667	20.392
304.667	12270.534	13454.673	7.851

9149.179	81.496	1.004	14.826
1/13/2017 10:45:00 AM	132300.000	133.646	20.385
304.620	12268.815	13454.831	7.851
9149.285	81.507	1.004	14.824
1/13/2017 11:00:00 AM	133200.000	133.662	20.387
304.657	12268.157	13453.617	7.850
9148.460	81.512	1.004	14.822
1/13/2017 11:15:00 AM	134100.000	133.668	20.369
304.671	12261.147	13450.921	7.848
9146.627	81.558	1.004	14.825
1/13/2017 11:30:00 AM	135000.000	133.683	20.373
304.705	12262.829	13451.731	7.849
9147.178	81.547	1.004	14.817
1/13/2017 11:45:00 AM	135900.000	133.696	20.362
304.735	12256.023	13447.315	7.846
9144.176	81.593	1.004	14.815
1/13/2017 12:00:00 PM	136800.000	133.688	20.381
304.716	12261.244	13447.512	7.846
9144.308	81.558	1.004	14.816
1/13/2017 12:15:00 PM	137700.000	133.693	20.364
304.727	12254.116	13444.512	7.844
9142.269	81.605	1.004	14.814
1/13/2017 12:30:00 PM	138600.000	133.705	20.366
304.755	12254.559	13444.405	7.844
9142.195	81.602	1.004	14.801
1/13/2017 12:45:00 PM	139500.000	133.689	20.388
304.719	12260.360	13444.821	7.844
9142.479	81.564	1.004	14.804
1/13/2017 1:00:00 PM	140400.000	133.691	20.364
304.723	12251.299	13441.446	7.842
9140.185	81.624	1.004	14.804
1/13/2017 1:15:00 PM	141300.000	133.693	20.369
304.729	12252.564	13441.582	7.842
9140.276	81.616	1.004	14.802
1/13/2017 1:30:00 PM	142200.000	133.692	20.368
304.726	12252.130	13441.228	7.842
9140.035	81.618	1.004	14.802
1/13/2017 1:45:00 PM	143100.000	133.691	20.371
304.722	12250.397	13438.638	7.840
9138.274	81.630	1.004	14.805
1/13/2017 2:00:00 PM	144000.000	133.690	20.371
304.720	12253.381	13441.765	7.842
9140.401	81.610	1.004	14.799
1/13/2017 2:15:00 PM	144900.000	133.676	20.372
304.689	12252.932	13441.074	7.842
9139.931	81.613	1.004	14.807
1/13/2017 2:30:00 PM	145800.000	133.665	20.364
304.664	12249.548	13439.696	7.841
9138.993	81.636	1.004	14.807
1/13/2017 2:45:00 PM	146700.000	133.675	20.393
304.686	12257.608	13440.229	7.842
9139.356	81.582	1.004	14.808
1/13/2017 3:00:00 PM	147600.000	133.651	20.382
304.632	12250.211	13435.115	7.838
9135.880	81.631	1.004	14.808
1/13/2017 3:15:00 PM	148500.000	133.634	20.371

304.594	12248.107	13436.074	7.839
9136.531	81.645	1.004	14.809
1/13/2017 3:30:00 PM	149400.000	133.621	20.384
304.564	12251.496	13436.229	7.839
9136.636	81.623	1.004	14.805
1/13/2017 3:45:00 PM	150300.000	133.629	20.377
304.581	12250.641	13437.182	7.840
9137.283	81.628	1.004	14.813
1/13/2017 4:00:00 PM	151200.000	133.596	20.397
304.506	12254.577	13435.850	7.839
9136.378	81.602	1.004	14.802
1/13/2017 4:15:00 PM	152100.000	133.587	20.377
304.485	12251.359	13437.824	7.840
9137.721	81.624	1.004	14.797
1/13/2017 4:30:00 PM	153000.000	133.594	20.384
304.502	12250.431	13434.814	7.838
9135.675	81.630	1.004	14.804
1/13/2017 4:45:00 PM	153900.000	133.550	20.396
304.401	12255.056	13436.498	7.839
9136.819	81.599	1.004	14.801
1/13/2017 5:00:00 PM	154800.000	133.530	20.396
304.357	12255.328	13436.821	7.839
9137.038	81.597	1.004	14.803
1/13/2017 5:15:00 PM	155700.000	133.526	20.378
304.347	12249.406	13435.536	7.838
9136.166	81.637	1.004	14.795
1/13/2017 5:30:00 PM	156600.000	133.501	20.391
304.291	12253.332	13436.156	7.839
9136.586	81.610	1.004	14.801
1/13/2017 5:45:00 PM	157500.000	133.495	20.386
304.276	12250.636	13434.501	7.838
9135.462	81.628	1.004	14.809
1/13/2017 6:00:00 PM	158400.000	133.476	20.376
304.233	12245.660	13431.964	7.836
9133.735	81.662	1.004	14.807
1/13/2017 6:15:00 PM	159300.000	133.462	20.388
304.200	12250.031	13433.471	7.837
9134.760	81.632	1.004	14.808
1/13/2017 6:30:00 PM	160200.000	133.451	20.390
304.176	12252.786	13435.876	7.839
9136.396	81.614	1.004	14.801
1/13/2017 6:45:00 PM	161100.000	133.451	20.397
304.175	12252.364	13433.374	7.837
9134.695	81.617	1.004	14.799
1/13/2017 7:00:00 PM	162000.000	133.427	20.399
304.122	12254.631	13435.367	7.839
9136.050	81.602	1.004	14.812
1/13/2017 7:15:00 PM	162900.000	133.416	20.397
304.097	12251.749	13432.650	7.837
9134.203	81.621	1.004	14.811
1/13/2017 7:30:00 PM	163800.000	133.403	20.405
304.067	12255.782	13434.860	7.838
9135.706	81.594	1.004	14.806
1/13/2017 7:45:00 PM	164700.000	133.389	20.402
304.035	12249.473	13428.879	7.834
9131.639	81.636	1.004	14.811

1/13/2017 8:00:00 PM	165600.000	133.389	20.400
304.035	12253.951	13434.304	7.838
9135.326	81.606	1.004	14.817
1/13/2017 8:15:00 PM	166500.000	133.403	20.400
304.067	12253.205	13433.510	7.837
9134.787	81.611	1.004	14.810
1/13/2017 8:30:00 PM	167400.000	133.418	20.405
304.100	12252.898	13431.826	7.836
9133.643	81.613	1.004	14.819
1/13/2017 8:45:00 PM	168300.000	133.415	20.406
304.094	12254.686	13433.539	7.837
9134.807	81.601	1.004	14.824
1/13/2017 9:00:00 PM	169200.000	133.421	20.409
304.107	12253.839	13431.628	7.836
9133.508	81.607	1.004	14.830
1/13/2017 9:15:00 PM	170100.000	133.419	20.414
304.102	12257.659	13434.515	7.838
9135.471	81.582	1.004	14.833
1/13/2017 9:30:00 PM	171000.000	133.411	20.420
304.085	12253.683	13428.487	7.834
9131.371	81.608	1.004	14.830
1/13/2017 9:45:00 PM	171900.000	133.383	20.424
304.020	12259.376	13433.500	7.837
9134.781	81.570	1.004	14.834
1/13/2017 10:00:00 PM	172800.000	133.407	20.424
304.075	12259.486	13433.694	7.838
9134.912	81.569	1.004	14.836
1/13/2017 10:15:00 PM	173700.000	133.432	20.408
304.134	12257.074	13435.564	7.839
9136.184	81.586	1.004	14.831
1/13/2017 10:30:00 PM	174600.000	133.412	20.325
304.088	12178.839	13373.052	7.799
9093.676	82.110	1.004	14.836
1/13/2017 10:45:00 PM	175500.000	133.442	20.322
304.156	12163.933	13357.467	7.789
9083.077	82.210	1.004	14.835
1/13/2017 11:00:00 PM	176400.000	133.443	20.326
304.158	12159.264	13351.216	7.785
9078.828	82.242	1.004	14.832
1/13/2017 11:15:00 PM	177300.000	133.450	20.333
304.173	12159.160	13349.122	7.784
9077.404	82.243	1.004	14.833
1/13/2017 11:30:00 PM	178200.000	133.458	20.333
304.192	12155.858	13345.521	7.781
9074.955	82.265	1.004	14.836
1/13/2017 11:45:00 PM	179100.000	133.427	20.334
304.121	12155.247	13344.410	7.781
9074.199	82.269	1.004	14.833
1/14/2017 12:00:00 AM	180000.000	133.480	20.339
304.243	12154.290	13342.136	7.779
9072.652	82.275	1.004	14.828
1/14/2017 12:15:00 AM	180900.000	133.488	20.342
304.261	12153.753	13340.692	7.778
9071.672	82.279	1.004	14.831
1/14/2017 12:30:00 AM	181800.000	133.476	20.343
304.233	12152.608	13339.193	7.778

9070.652	82.287	1.004	14.834
1/14/2017 12:45:00 AM	182700.000	133.502	20.332
304.293	12153.554	13343.161	7.780
9073.350	82.280	1.004	14.829
1/14/2017 1:00:00 AM	183600.000	133.499	20.348
304.286	12157.022	13342.670	7.780
9073.017	82.257	1.004	14.834
1/14/2017 1:15:00 AM	184500.000	133.515	20.352
304.322	12159.270	13343.918	7.781
9073.865	82.242	1.004	14.830
1/14/2017 1:30:00 AM	185400.000	133.513	20.354
304.317	12163.628	13348.163	7.783
9076.752	82.212	1.004	14.824
1/14/2017 1:45:00 AM	186300.000	133.518	20.358
304.329	12162.818	13346.026	7.782
9075.298	82.218	1.004	14.831
1/14/2017 2:00:00 AM	187200.000	133.501	20.342
304.289	12160.946	13348.565	7.783
9077.024	82.230	1.004	14.830
1/14/2017 2:15:00 AM	188100.000	133.540	20.349
304.380	12157.759	13343.113	7.780
9073.317	82.252	1.004	14.828
1/14/2017 2:30:00 AM	189000.000	133.540	20.357
304.378	12165.568	13349.537	7.784
9077.687	82.199	1.004	14.828
1/14/2017 2:45:00 AM	189900.000	133.531	20.346
304.359	12159.414	13345.735	7.782
9075.101	82.241	1.004	14.832
1/14/2017 3:00:00 AM	190800.000	133.540	20.358
304.378	12162.563	13345.746	7.782
9075.107	82.220	1.004	14.830
1/14/2017 3:15:00 AM	191700.000	133.530	20.357
304.355	12162.101	13345.706	7.782
9075.081	82.223	1.004	14.839
1/14/2017 3:30:00 AM	192600.000	133.546	20.371
304.393	12169.333	13349.710	7.784
9077.804	82.174	1.004	14.825
1/14/2017 3:45:00 AM	193500.000	133.532	20.362
304.361	12168.369	13351.020	7.785
9078.693	82.180	1.004	14.829
1/14/2017 4:00:00 AM	194400.000	133.536	20.359
304.370	12164.376	13347.641	7.783
9076.396	82.207	1.004	14.828
1/14/2017 4:15:00 AM	195300.000	133.535	20.358
304.366	12166.005	13349.548	7.784
9077.693	82.196	1.004	14.832
1/14/2017 4:30:00 AM	196200.000	133.523	20.360
304.341	12167.951	13351.148	7.785
9078.782	82.183	1.004	14.840
1/14/2017 4:45:00 AM	197100.000	133.532	20.369
304.361	12166.590	13347.287	7.783
9076.155	82.192	1.004	14.829
1/14/2017 5:00:00 AM	198000.000	133.520	20.368
304.334	12169.717	13351.010	7.785
9078.687	82.171	1.004	14.837
1/14/2017 5:15:00 AM	198900.000	133.533	20.362

304.363	12161.813	13343.779	7.781
9073.770	82.225	1.004	14.824
1/14/2017 5:30:00 AM	199800.000	133.529	20.353
304.354	12164.176	13349.105	7.784
9077.392	82.209	1.004	14.838
1/14/2017 5:45:00 AM	200700.000	133.536	20.354
304.370	12160.578	13344.769	7.781
9074.442	82.233	1.004	14.825
1/14/2017 6:00:00 AM	201600.000	133.531	20.363
304.359	12161.734	13343.474	7.780
9073.563	82.225	1.004	14.827
1/14/2017 6:15:00 AM	202500.000	133.501	20.344
304.289	12154.217	13340.496	7.778
9071.538	82.276	1.004	14.826
1/14/2017 6:30:00 AM	203400.000	133.528	20.344
304.351	12155.695	13342.339	7.780
9072.790	82.266	1.004	14.827
1/14/2017 6:45:00 AM	204300.000	133.525	20.360
304.344	12159.978	13342.399	7.780
9072.832	82.237	1.004	14.822
1/14/2017 7:00:00 AM	205200.000	133.531	20.357
304.358	12158.970	13342.296	7.780
9072.763	82.244	1.004	14.832
1/14/2017 7:15:00 AM	206100.000	133.540	20.351
304.378	12153.969	13338.223	7.777
9069.992	82.278	1.004	14.830
1/14/2017 7:30:00 AM	207000.000	133.528	20.355
304.351	12152.723	13335.927	7.776
9068.431	82.286	1.004	14.829
1/14/2017 7:45:00 AM	207900.000	133.544	20.345
304.387	12153.631	13339.708	7.778
9071.002	82.280	1.004	14.827
1/14/2017 8:00:00 AM	208800.000	133.536	20.356
304.369	12148.669	13331.089	7.773
9065.141	82.314	1.004	14.829
1/14/2017 8:15:00 AM	209700.000	133.536	20.361
304.371	12152.371	13333.810	7.774
9066.991	82.288	1.004	14.826
1/14/2017 8:30:00 AM	210600.000	133.545	20.375
304.389	12157.848	13335.843	7.776
9068.374	82.251	1.004	14.832
1/14/2017 8:45:00 AM	211500.000	133.545	20.383
304.390	12159.896	13336.040	7.776
9068.507	82.238	1.004	14.835
1/14/2017 9:00:00 AM	212400.000	133.555	20.376
304.413	12157.435	13335.097	7.775
9067.866	82.254	1.004	14.838
1/14/2017 9:15:00 AM	213300.000	133.557	20.365
304.419	12149.886	13329.987	7.772
9064.393	82.305	1.004	14.838
1/14/2017 9:30:00 AM	214200.000	133.567	20.361
304.439	12152.956	13334.354	7.775
9067.361	82.285	1.004	14.843
1/14/2017 9:45:00 AM	215100.000	133.581	20.367
304.473	12147.473	13326.777	7.770
9062.209	82.322	1.004	14.843

1/14/2017 10:00:00 AM	216000.000	133.588	20.357
304.487	12146.104	13328.104	7.771
9063.110	82.331	1.004	14.844
1/14/2017 10:15:00 AM	216900.000	133.596	20.362
304.506	12143.905	13324.351	7.768
9060.560	82.346	1.004	14.834
1/14/2017 10:30:00 AM	217800.000	133.616	20.354
304.552	12147.103	13330.127	7.772
9064.486	82.324	1.004	14.833
1/14/2017 10:45:00 AM	218700.000	133.666	20.368
304.666	12143.354	13321.918	7.767
9058.904	82.350	1.004	14.831
1/14/2017 11:00:00 AM	219600.000	133.626	20.385
304.576	12147.469	13321.653	7.767
9058.726	82.322	1.004	14.828
1/14/2017 11:15:00 AM	220500.000	133.633	20.368
304.591	12144.133	13322.749	7.767
9059.470	82.344	1.004	14.828
1/14/2017 11:30:00 AM	221400.000	133.642	20.372
304.612	12143.380	13320.995	7.766
9058.277	82.349	1.004	14.827
1/14/2017 11:45:00 AM	222300.000	133.658	20.372
304.647	12144.290	13321.897	7.767
9058.892	82.343	1.004	14.814
1/14/2017 12:00:00 PM	223200.000	133.661	20.394
304.654	12151.648	13323.901	7.768
9060.253	82.293	1.004	14.818
1/14/2017 12:15:00 PM	224100.000	133.696	20.394
304.735	12149.668	13321.511	7.767
9058.627	82.307	1.004	14.811
1/14/2017 12:30:00 PM	225000.000	133.676	20.377
304.689	12148.916	13325.483	7.769
9061.330	82.312	1.004	14.810
1/14/2017 12:45:00 PM	225900.000	133.682	20.373
304.704	12147.668	13325.431	7.769
9061.294	82.320	1.004	14.803
1/14/2017 1:00:00 PM	226800.000	133.691	20.376
304.723	12149.039	13325.911	7.769
9061.621	82.311	1.004	14.801
1/14/2017 1:15:00 PM	227700.000	133.682	20.377
304.703	12144.510	13320.771	7.766
9058.126	82.342	1.004	14.793
1/14/2017 1:30:00 PM	228600.000	133.692	20.381
304.726	12144.204	13319.318	7.765
9057.138	82.344	1.004	14.794
1/14/2017 1:45:00 PM	229500.000	133.692	20.385
304.725	12148.884	13323.403	7.768
9059.915	82.312	1.004	14.792
1/14/2017 2:00:00 PM	230400.000	133.682	20.379
304.702	12145.611	13321.321	7.767
9058.499	82.334	1.004	14.795
1/14/2017 2:15:00 PM	231300.000	133.690	20.380
304.722	12150.593	13326.568	7.770
9062.067	82.301	1.004	14.794
1/14/2017 2:30:00 PM	232200.000	133.679	20.381
304.696	12145.382	13320.634	7.766

9058.032	82.336	1.004	14.799
1/14/2017 2:45:00 PM	233100.000	133.676	20.387
304.688	12147.341	13321.149	7.766
9058.382	82.323	1.004	14.801
1/14/2017 3:00:00 PM	234000.000	133.666	20.391
304.667	12149.476	13322.371	7.767
9059.214	82.308	1.004	14.793
1/14/2017 3:15:00 PM	234900.000	133.695	20.397
304.733	12151.823	13323.167	7.768
9059.754	82.292	1.004	14.785
1/14/2017 3:30:00 PM	235800.000	133.649	20.396
304.628	12148.458	13319.696	7.766
9057.394	82.315	1.004	14.794
1/14/2017 3:45:00 PM	236700.000	133.639	20.404
304.605	12155.075	13324.661	7.769
9060.771	82.270	1.004	14.794
1/14/2017 4:00:00 PM	237600.000	133.658	20.404
304.648	12151.888	13321.362	7.767
9058.527	82.292	1.004	14.797
1/14/2017 4:15:00 PM	238500.000	133.638	20.414
304.603	12155.259	13322.283	7.767
9059.152	82.269	1.004	14.796
1/14/2017 4:30:00 PM	239400.000	133.622	20.418
304.566	12156.218	13322.236	7.767
9059.121	82.262	1.004	14.805
1/14/2017 4:45:00 PM	240300.000	133.617	20.419
304.554	12158.069	13323.780	7.768
9060.171	82.250	1.004	14.800
1/14/2017 5:00:00 PM	241200.000	133.593	20.422
304.499	12157.992	13322.991	7.768
9059.634	82.250	1.004	14.804
1/14/2017 5:15:00 PM	242100.000	133.595	20.421
304.505	12155.713	13320.612	7.766
9058.017	82.266	1.004	14.794
1/14/2017 5:30:00 PM	243000.000	133.575	20.428
304.459	12158.840	13322.067	7.767
9059.007	82.245	1.004	14.795
1/14/2017 5:45:00 PM	243900.000	133.530	20.430
304.355	12162.857	13326.127	7.770
9061.767	82.218	1.004	14.791
1/14/2017 6:00:00 PM	244800.000	133.537	20.435
304.372	12161.032	13322.645	7.768
9059.398	82.230	1.004	14.797
1/14/2017 6:15:00 PM	245700.000	133.530	20.431
304.356	12158.126	13320.458	7.766
9057.912	82.250	1.004	14.801
1/14/2017 6:30:00 PM	246600.000	133.524	20.381
304.341	12138.697	13313.135	7.761
9052.932	82.381	1.004	14.795
1/14/2017 6:45:00 PM	247500.000	133.490	20.368
304.265	12103.310	13278.108	7.739
9029.114	82.622	1.004	14.800
1/14/2017 7:00:00 PM	248400.000	133.485	20.370
304.253	12095.779	13269.189	7.734
9023.050	82.673	1.004	14.791
1/14/2017 7:15:00 PM	249300.000	133.477	20.368

304.235	12092.911	13266.676	7.732
9021.341	82.693	1.004	14.793
1/14/2017 7:30:00 PM	250200.000	133.491	20.368
304.268	12089.125	13262.375	7.729
9018.415	82.719	1.004	14.796
1/14/2017 7:45:00 PM	251100.000	133.464	20.371
304.207	12090.646	13263.366	7.730
9019.090	82.709	1.004	14.792
1/14/2017 8:00:00 PM	252000.000	133.440	20.370
304.151	12089.570	13262.406	7.729
9018.438	82.716	1.004	14.793
1/14/2017 8:15:00 PM	252900.000	133.431	20.378
304.130	12091.363	13262.286	7.729
9018.355	82.704	1.004	14.805
1/14/2017 8:30:00 PM	253800.000	133.432	20.373
304.132	12091.526	13263.846	7.730
9019.416	82.703	1.004	14.792
1/14/2017 8:45:00 PM	254700.000	133.424	20.383
304.113	12091.117	13260.438	7.728
9017.099	82.705	1.004	14.797
1/14/2017 9:00:00 PM	255600.000	133.422	20.384
304.109	12092.077	13261.151	7.729
9017.584	82.699	1.004	14.791
1/14/2017 9:15:00 PM	256500.000	133.412	20.381
304.086	12091.873	13261.754	7.729
9017.994	82.700	1.004	14.800
1/14/2017 9:30:00 PM	257400.000	133.447	20.381
304.166	12093.623	13263.745	7.730
9019.348	82.688	1.004	14.793
1/14/2017 9:45:00 PM	258300.000	133.455	20.386
304.184	12089.838	13258.210	7.727
9015.583	82.714	1.004	14.794
1/14/2017 10:00:00 PM	259200.000	133.462	20.388
304.201	12089.663	13257.462	7.726
9015.075	82.715	1.004	14.792
1/14/2017 10:15:00 PM	260100.000	133.421	20.393
304.108	12093.532	13260.493	7.728
9017.137	82.689	1.004	14.792
1/14/2017 10:30:00 PM	261000.000	133.435	20.395
304.139	12094.823	13261.351	7.729
9017.720	82.680	1.004	14.794
1/14/2017 10:45:00 PM	261900.000	133.461	20.399
304.198	12093.755	13259.042	7.727
9016.148	82.687	1.004	14.797
1/14/2017 11:00:00 PM	262800.000	133.445	20.403
304.161	12099.308	13263.867	7.730
9019.430	82.649	1.004	14.791
1/14/2017 11:15:00 PM	263700.000	133.447	20.407
304.168	12096.895	13260.155	7.728
9016.906	82.666	1.004	14.795
1/14/2017 11:30:00 PM	264600.000	133.475	20.404
304.231	12098.562	13262.830	7.730
9018.726	82.654	1.004	14.796
1/14/2017 11:45:00 PM	265500.000	133.446	20.373
304.166	12080.775	13251.980	7.723
9011.347	82.776	1.004	14.802

1/15/2017 12:00:00 AM	266400.000	133.471	20.372
304.221	12068.007	13238.069	7.714
9001.889	82.864	1.004	14.797
1/15/2017 12:15:00 AM	267300.000	133.480	20.374
304.242	12063.922	13233.105	7.711
8998.513	82.892	1.004	14.799
1/15/2017 12:30:00 AM	268200.000	133.491	20.376
304.268	12061.140	13229.424	7.709
8996.008	82.911	1.004	14.796
1/15/2017 12:45:00 AM	269100.000	133.491	20.380
304.268	12063.666	13231.154	7.710
8997.185	82.894	1.004	14.790
1/15/2017 1:00:00 AM	270000.000	133.509	20.368
304.309	12061.749	13232.537	7.711
8998.125	82.907	1.004	14.793
1/15/2017 1:15:00 AM	270900.000	133.515	20.339
304.321	12051.525	13229.305	7.708
8995.928	82.977	1.004	14.794
1/15/2017 1:30:00 AM	271800.000	133.544	20.312
304.389	12007.798	13188.813	7.683
8968.394	83.279	1.004	14.786
1/15/2017 1:45:00 AM	272700.000	133.554	20.310
304.411	12001.009	13181.692	7.678
8963.552	83.326	1.004	14.793
1/15/2017 2:00:00 AM	273600.000	133.547	20.315
304.394	12000.382	13179.700	7.677
8962.196	83.331	1.004	14.794
1/15/2017 2:15:00 AM	274500.000	133.569	20.318
304.444	11999.206	13177.687	7.676
8960.828	83.339	1.004	14.786
1/15/2017 2:30:00 AM	275400.000	133.559	20.321
304.423	11997.778	13175.176	7.674
8959.120	83.349	1.004	14.796
1/15/2017 2:45:00 AM	276300.000	133.540	20.322
304.378	12001.491	13179.109	7.677
8961.796	83.323	1.004	14.800
1/15/2017 3:00:00 AM	277200.000	133.542	20.325
304.382	12000.579	13177.336	7.676
8960.590	83.329	1.004	14.793
1/15/2017 3:15:00 AM	278100.000	133.577	20.326
304.463	11997.769	13173.770	7.673
8958.163	83.349	1.004	14.798
1/15/2017 3:30:00 AM	279000.000	133.581	20.331
304.471	11999.438	13174.396	7.674
8958.590	83.337	1.004	14.794
1/15/2017 3:45:00 AM	279900.000	133.588	20.329
304.489	11995.227	13170.204	7.671
8955.740	83.366	1.004	14.792
1/15/2017 4:00:00 AM	280800.000	133.583	20.332
304.477	11996.209	13170.367	7.671
8955.850	83.360	1.004	14.798
1/15/2017 4:15:00 AM	281700.000	133.580	20.334
304.470	11997.653	13171.542	7.672
8956.648	83.350	1.004	14.798
1/15/2017 4:30:00 AM	282600.000	133.586	20.332
304.483	11997.077	13171.486	7.672

8956.610	83.354	1.004	14.788
1/15/2017 4:45:00 AM	283500.000	133.586	20.333
304.483	11997.755	13171.943	7.672
8956.923	83.349	1.004	14.791
1/15/2017 5:00:00 AM	284400.000	133.581	20.336
304.472	11999.760	13173.276	7.673
8957.828	83.335	1.004	14.787
1/15/2017 5:15:00 AM	285300.000	133.580	20.340
304.469	11998.278	13170.662	7.671
8956.051	83.345	1.004	14.792
1/15/2017 5:30:00 AM	286200.000	133.576	20.336
304.461	11995.129	13168.071	7.670
8954.288	83.367	1.004	14.790
1/15/2017 5:45:00 AM	287100.000	133.565	20.339
304.436	11995.240	13167.496	7.669
8953.897	83.366	1.004	14.792
1/15/2017 6:00:00 AM	288000.000	133.571	20.340
304.449	11997.549	13169.718	7.671
8955.409	83.350	1.004	14.786
1/15/2017 6:15:00 AM	288900.000	133.569	20.338
304.446	11994.938	13167.477	7.669
8953.884	83.369	1.004	14.793
1/15/2017 6:30:00 AM	289800.000	133.569	20.340
304.445	11997.085	13169.184	7.671
8955.046	83.354	1.004	14.792
1/15/2017 6:45:00 AM	290700.000	133.565	20.336
304.437	11995.018	13168.070	7.670
8954.288	83.368	1.004	14.786
1/15/2017 7:00:00 AM	291600.000	133.555	20.340
304.414	11996.173	13168.159	7.670
8954.350	83.360	1.004	14.789
1/15/2017 7:15:00 AM	292500.000	133.561	20.349
304.426	11997.727	13167.479	7.669
8953.886	83.349	1.004	14.789
1/15/2017 7:30:00 AM	293400.000	133.557	20.350
304.417	11997.645	13167.050	7.669
8953.594	83.350	1.004	14.787
1/15/2017 7:45:00 AM	294300.000	133.558	20.345
304.420	11995.715	13166.283	7.669
8953.072	83.363	1.004	14.786
1/15/2017 8:00:00 AM	295200.000	133.562	20.343
304.429	11989.904	13160.459	7.665
8949.113	83.404	1.004	14.793
1/15/2017 8:15:00 AM	296100.000	133.562	20.346
304.429	11993.057	13163.246	7.667
8951.008	83.382	1.004	14.792
1/15/2017 8:30:00 AM	297000.000	133.553	20.359
304.409	11994.227	13160.867	7.665
8949.391	83.373	1.004	14.794
1/15/2017 8:45:00 AM	297900.000	133.569	20.355
304.444	11993.453	13161.221	7.666
8949.631	83.379	1.004	14.799
1/15/2017 9:00:00 AM	298800.000	133.555	20.356
304.414	11996.393	13164.040	7.667
8951.548	83.358	1.004	14.803
1/15/2017 9:15:00 AM	299700.000	133.564	20.359

304.434	11997.374	13164.178	7.667
8951.641	83.352	1.004	14.804
1/15/2017 9:30:00 AM	300600.000	133.576	20.354
304.462	11993.834	13161.712	7.666
8949.965	83.376	1.004	14.803
1/15/2017 9:45:00 AM	301500.000	133.574	20.367
304.455	11997.615	13162.491	7.666
8950.495	83.350	1.004	14.806
1/15/2017 10:00:00 AM	302400.000	133.581	20.355
304.472	11990.797	13158.188	7.664
8947.568	83.397	1.004	14.806
1/15/2017 10:15:00 AM	303300.000	133.585	20.363
304.481	11994.142	13159.690	7.665
8948.590	83.374	1.004	14.812
1/15/2017 10:30:00 AM	304200.000	133.582	20.374
304.473	11992.479	13154.713	7.662
8945.206	83.386	1.004	14.814
1/15/2017 10:45:00 AM	305100.000	133.593	20.362
304.501	11992.654	13158.273	7.664
8947.626	83.384	1.004	14.811
1/15/2017 11:00:00 AM	306000.000	133.601	20.370
304.517	11995.423	13159.098	7.664
8948.187	83.365	1.004	14.809
1/15/2017 11:15:00 AM	306900.000	133.609	20.366
304.536	11993.661	13158.417	7.664
8947.725	83.377	1.004	14.803
1/15/2017 11:30:00 AM	307800.000	133.644	20.378
304.615	11997.683	13159.317	7.665
8948.337	83.349	1.004	14.803
1/15/2017 11:45:00 AM	308700.000	133.622	20.366
304.566	11993.983	13158.627	7.664
8947.866	83.375	1.004	14.799
1/15/2017 12:00:00 PM	309600.000	133.633	20.370
304.590	11991.277	13154.550	7.661
8945.094	83.394	1.004	14.793
1/15/2017 12:15:00 PM	310500.000	133.647	20.359
304.622	11984.174	13149.885	7.658
8941.922	83.443	1.004	14.792
1/15/2017 12:30:00 PM	311400.000	133.666	20.362
304.666	11983.285	13147.876	7.657
8940.557	83.450	1.004	14.782
1/15/2017 12:45:00 PM	312300.000	133.662	20.371
304.658	11985.516	13148.014	7.657
8940.650	83.434	1.004	14.778
1/15/2017 1:00:00 PM	313200.000	133.670	20.371
304.675	11983.617	13145.980	7.656
8939.268	83.447	1.004	14.773
1/15/2017 1:15:00 PM	314100.000	133.681	20.364
304.700	11981.226	13145.255	7.656
8938.774	83.464	1.004	14.769
1/15/2017 1:30:00 PM	315000.000	133.674	20.367
304.685	11982.589	13145.836	7.656
8939.169	83.454	1.004	14.779
1/15/2017 1:45:00 PM	315900.000	133.689	20.359
304.717	11979.960	13145.094	7.655
8938.664	83.473	1.004	14.769

1/15/2017 2:00:00 PM	316800.000	133.681	20.379
304.700	11981.355	13141.214	7.653
8936.025	83.463	1.004	14.770
1/15/2017 2:15:00 PM	317700.000	133.668	20.365
304.671	11977.974	13141.305	7.653
8936.088	83.487	1.004	14.778
1/15/2017 2:30:00 PM	318600.000	133.672	20.368
304.680	11977.716	13140.153	7.652
8935.305	83.488	1.004	14.780
1/15/2017 2:45:00 PM	319500.000	133.684	20.359
304.707	11976.204	13141.092	7.653
8935.942	83.499	1.004	14.774
1/15/2017 3:00:00 PM	320400.000	133.683	20.365
304.705	11974.840	13137.963	7.651
8933.815	83.508	1.004	14.770
1/15/2017 3:15:00 PM	321300.000	133.675	20.355
304.686	11973.723	13139.426	7.652
8934.810	83.516	1.004	14.774
1/15/2017 3:30:00 PM	322200.000	133.667	20.363
304.668	11973.559	13137.131	7.650
8933.249	83.517	1.004	14.777
1/15/2017 3:45:00 PM	323100.000	133.658	20.359
304.647	11973.238	13137.695	7.651
8933.633	83.520	1.004	14.773
1/15/2017 4:00:00 PM	324000.000	133.649	20.360
304.627	11971.068	13135.194	7.649
8931.934	83.535	1.004	14.776
1/15/2017 4:15:00 PM	324900.000	133.636	20.366
304.597	11970.400	13132.874	7.648
8930.355	83.539	1.004	14.781
1/15/2017 4:30:00 PM	325800.000	133.640	20.369
304.607	11972.477	13134.238	7.649
8931.283	83.525	1.004	14.772
1/15/2017 4:45:00 PM	326700.000	133.608	20.405
304.533	11983.929	13136.954	7.651
8933.129	83.445	1.004	14.779
1/15/2017 5:00:00 PM	327600.000	133.606	20.400
304.529	11982.803	13137.084	7.651
8933.217	83.453	1.004	14.776
1/15/2017 5:15:00 PM	328500.000	133.634	20.399
304.593	11985.260	13139.875	7.652
8935.116	83.436	1.004	14.772
1/15/2017 5:30:00 PM	329400.000	133.608	20.404
304.534	11986.179	13139.489	7.652
8934.853	83.429	1.004	14.784
1/15/2017 5:45:00 PM	330300.000	133.564	20.402
304.433	11987.263	13141.302	7.653
8936.086	83.422	1.004	14.778
1/15/2017 6:00:00 PM	331200.000	133.594	20.394
304.501	11983.305	13139.196	7.652
8934.653	83.449	1.004	14.779
1/15/2017 6:15:00 PM	332100.000	133.585	20.402
304.481	11987.187	13141.269	7.653
8936.063	83.422	1.004	14.773
1/15/2017 6:30:00 PM	333000.000	133.538	20.403
304.375	11987.095	13140.998	7.653

8935.880	83.423	1.004	14.781
1/15/2017 6:45:00 PM	333900.000	133.529	20.409
304.354	11991.399	13143.964	7.655
8937.896	83.393	1.004	14.780
1/15/2017 7:00:00 PM	334800.000	133.514	20.399
304.320	11985.906	13140.802	7.653
8935.745	83.431	1.004	14.790
1/15/2017 7:15:00 PM	335700.000	133.502	20.404
304.292	11987.477	13141.032	7.653
8935.902	83.420	1.004	14.784
1/15/2017 7:30:00 PM	336600.000	133.517	20.393
304.326	11987.401	13144.051	7.655
8937.956	83.421	1.004	14.786
1/15/2017 7:45:00 PM	337500.000	133.486	20.396
304.256	11985.754	13141.354	7.653
8936.122	83.432	1.004	14.787
1/15/2017 8:00:00 PM	338400.000	133.490	20.405
304.264	11990.052	13143.713	7.655
8937.725	83.402	1.004	14.794
1/15/2017 8:15:00 PM	339300.000	133.466	20.404
304.211	11985.696	13139.104	7.652
8934.591	83.433	1.004	14.786
1/15/2017 8:30:00 PM	340200.000	133.484	20.410
304.252	11989.549	13141.767	7.654
8936.401	83.406	1.004	14.790
1/15/2017 8:45:00 PM	341100.000	133.450	20.407
304.174	11987.954	13140.787	7.653
8935.735	83.417	1.004	14.792
1/15/2017 9:00:00 PM	342000.000	133.464	20.427
304.206	11995.332	13143.206	7.655
8937.380	83.366	1.004	14.792
1/15/2017 9:15:00 PM	342900.000	133.463	20.405
304.203	11989.605	13143.148	7.655
8937.342	83.406	1.004	14.795
1/15/2017 9:30:00 PM	343800.000	133.464	20.412
304.206	11991.526	13143.191	7.655
8937.370	83.392	1.004	14.792
1/15/2017 9:45:00 PM	344700.000	133.433	20.421
304.135	11994.070	13143.527	7.655
8937.600	83.375	1.004	14.792
1/15/2017 10:00:00 PM	345600.000	133.436	20.424
304.141	11996.219	13145.257	7.656
8938.775	83.360	1.004	14.790
1/15/2017 10:15:00 PM	346500.000	133.454	20.425
304.183	11992.375	13140.590	7.653
8935.603	83.386	1.004	14.792
1/15/2017 10:30:00 PM	347400.000	133.461	20.428
304.198	12000.269	13148.326	7.658
8940.862	83.331	1.004	14.798
1/15/2017 10:45:00 PM	348300.000	133.443	20.436
304.157	12001.391	13147.370	7.657
8940.212	83.324	1.004	14.800
1/15/2017 11:00:00 PM	349200.000	133.458	20.436
304.193	11997.241	13142.871	7.655
8937.153	83.352	1.004	14.801
1/15/2017 11:15:00 PM	350100.000	133.468	20.415

304.214	11999.460	13151.189	7.660
8942.810	83.337	1.004	14.796
1/15/2017 11:30:00 PM	351000.000	133.470	20.367
304.219	11937.749	13096.693	7.625
8905.752	83.768	1.004	14.811
1/15/2017 11:45:00 PM	351900.000	133.465	20.368
304.208	11929.002	13086.834	7.619
8899.047	83.829	1.004	14.800
1/16/2017 12:00:00 AM	352800.000	133.470	20.371
304.219	11932.184	13089.343	7.620
8900.753	83.807	1.004	14.797
1/16/2017 12:15:00 AM	353700.000	133.474	20.372
304.228	11927.905	13084.455	7.617
8897.431	83.837	1.004	14.797
1/16/2017 12:30:00 AM	354600.000	133.473	20.375
304.227	11928.107	13083.794	7.617
8896.980	83.836	1.004	14.794
1/16/2017 12:45:00 AM	355500.000	133.489	20.374
304.262	11925.648	13081.479	7.616
8895.406	83.853	1.004	14.793
1/16/2017 1:00:00 AM	356400.000	133.496	20.368
304.279	11922.236	13079.341	7.614
8893.952	83.877	1.004	14.792
1/16/2017 1:15:00 AM	357300.000	133.505	20.374
304.300	11921.329	13076.838	7.613
8892.250	83.883	1.004	14.791
1/16/2017 1:30:00 AM	358200.000	133.544	20.375
304.387	11921.313	13076.556	7.612
8892.059	83.883	1.004	14.789
1/16/2017 1:45:00 AM	359100.000	133.524	20.358
304.341	11914.251	13073.278	7.610
8889.830	83.933	1.004	14.788
1/16/2017 2:00:00 AM	360000.000	133.536	20.354
304.369	11909.418	13069.104	7.608
8886.990	83.967	1.004	14.788
1/16/2017 2:15:00 AM	360900.000	133.555	20.340
304.413	11901.348	13064.093	7.604
8883.583	84.024	1.004	14.782
1/16/2017 2:30:00 AM	361800.000	133.559	20.328
304.423	11888.712	13053.568	7.598
8876.428	84.113	1.004	14.775
1/16/2017 2:45:00 AM	362700.000	133.573	20.335
304.455	11891.112	13054.244	7.598
8876.887	84.096	1.004	14.779
1/16/2017 3:00:00 AM	363600.000	133.575	20.342
304.458	11890.120	13051.313	7.596
8874.895	84.103	1.004	14.779
1/16/2017 3:15:00 AM	364500.000	133.585	20.340
304.482	11885.739	13047.078	7.594
8872.014	84.134	1.004	14.784
1/16/2017 3:30:00 AM	365400.000	133.582	20.336
304.475	11883.965	13046.208	7.593
8871.423	84.147	1.004	14.789
1/16/2017 3:45:00 AM	366300.000	133.582	20.342
304.475	11887.306	13048.225	7.594
8872.793	84.123	1.004	14.785

1/16/2017 4:00:00 AM	367200.000	133.595	20.340
304.504	11885.575	13046.684	7.593
8871.745	84.136	1.004	14.788
1/16/2017 4:15:00 AM	368100.000	133.590	20.340
304.492	11886.095	13047.397	7.594
8872.230	84.132	1.004	14.782
1/16/2017 4:30:00 AM	369000.000	133.597	20.336
304.509	11881.297	13043.325	7.591
8869.461	84.166	1.004	14.784
1/16/2017 4:45:00 AM	369900.000	133.600	20.334
304.515	11879.714	13042.136	7.591
8868.652	84.177	1.004	14.785
1/16/2017 5:00:00 AM	370800.000	133.594	20.342
304.502	11880.504	13040.688	7.590
8867.668	84.172	1.004	14.780
1/16/2017 5:15:00 AM	371700.000	133.589	20.337
304.491	11881.206	13042.889	7.591
8869.164	84.167	1.004	14.793
1/16/2017 5:30:00 AM	372600.000	133.596	20.335
304.507	11877.871	13039.852	7.589
8867.100	84.190	1.004	14.792
1/16/2017 5:45:00 AM	373500.000	133.591	20.344
304.495	11881.282	13041.089	7.590
8867.940	84.166	1.004	14.796
1/16/2017 6:00:00 AM	374400.000	133.580	20.353
304.470	11886.869	13044.763	7.592
8870.438	84.126	1.004	14.795
1/16/2017 6:15:00 AM	375300.000	133.590	20.356
304.493	11884.675	13041.518	7.590
8868.232	84.142	1.004	14.792
1/16/2017 6:30:00 AM	376200.000	133.590	20.348
304.492	11883.979	13042.760	7.591
8869.078	84.147	1.004	14.793
1/16/2017 6:45:00 AM	377100.000	133.584	20.350
304.479	11882.473	13040.606	7.590
8867.613	84.158	1.004	14.798
1/16/2017 7:00:00 AM	378000.000	133.587	20.356
304.487	11883.328	13039.875	7.589
8867.116	84.152	1.004	14.789
1/16/2017 7:15:00 AM	378900.000	133.572	20.361
304.452	11884.112	13039.494	7.589
8866.856	84.146	1.004	14.802
1/16/2017 7:30:00 AM	379800.000	133.567	20.373
304.441	11888.614	13041.235	7.590
8868.040	84.114	1.004	14.797
1/16/2017 7:45:00 AM	380700.000	133.563	20.359
304.430	11882.507	13038.233	7.588
8865.999	84.157	1.004	14.800
1/16/2017 8:00:00 AM	381600.000	133.580	20.358
304.470	11881.475	13037.338	7.588
8865.390	84.165	1.004	14.792
1/16/2017 8:15:00 AM	382500.000	133.577	20.351
304.462	11880.116	13037.876	7.588
8865.756	84.174	1.004	14.803
1/16/2017 8:30:00 AM	383400.000	133.565	20.348
304.435	11876.528	13034.773	7.586

8863.646	84.200	1.004	14.808
1/16/2017 8:45:00 AM	384300.000	133.558	20.344
304.420	11876.428	13035.617	7.587
8864.221	84.200	1.004	14.805
1/16/2017 9:00:00 AM	385200.000	133.559	20.354
304.422	11877.770	13034.467	7.586
8863.438	84.191	1.004	14.808
1/16/2017 9:15:00 AM	386100.000	133.556	20.347
304.415	11873.683	13031.985	7.584
8861.751	84.220	1.004	14.809
1/16/2017 9:30:00 AM	387000.000	133.599	20.357
304.514	11875.999	13031.736	7.584
8861.582	84.203	1.004	14.801
1/16/2017 9:45:00 AM	387900.000	133.563	20.376
304.431	11884.481	13035.821	7.587
8864.359	84.143	1.004	14.807
1/16/2017 10:00:00 AM	388800.000	133.557	20.384
304.417	11883.999	13033.052	7.585
8862.477	84.147	1.004	14.812
1/16/2017 10:15:00 AM	389700.000	133.565	20.387
304.436	11886.554	13035.020	7.586
8863.814	84.129	1.004	14.809
1/16/2017 10:30:00 AM	390600.000	133.576	20.375
304.460	11880.613	13031.675	7.584
8861.540	84.171	1.004	14.815
1/16/2017 10:45:00 AM	391500.000	133.572	20.386
304.451	11883.000	13031.502	7.584
8861.423	84.154	1.004	14.811
1/16/2017 11:00:00 AM	392400.000	133.597	20.401
304.508	11887.624	13032.499	7.585
8862.100	84.121	1.004	14.809
1/16/2017 11:15:00 AM	393300.000	133.580	20.397
304.470	11885.260	13030.836	7.584
8860.970	84.138	1.004	14.809
1/16/2017 11:30:00 AM	394200.000	133.615	20.389
304.550	11883.676	13031.267	7.584
8861.263	84.149	1.004	14.811
1/16/2017 11:45:00 AM	395100.000	133.590	20.383
304.492	11881.063	13030.070	7.583
8860.449	84.168	1.004	14.806
1/16/2017 12:00:00 PM	396000.000	133.627	20.397
304.577	11883.810	13029.342	7.583
8859.953	84.148	1.004	14.795
1/16/2017 12:15:00 PM	396900.000	133.611	20.387
304.541	11880.165	13027.967	7.582
8859.019	84.174	1.004	14.792
1/16/2017 12:30:00 PM	397800.000	133.609	20.373
304.536	11878.356	13029.890	7.583
8860.326	84.187	1.004	14.790
1/16/2017 12:45:00 PM	398700.000	133.623	20.385
304.567	11879.271	13027.630	7.582
8858.788	84.180	1.004	14.788
1/16/2017 1:00:00 PM	399600.000	133.621	20.371
304.563	11873.567	13025.138	7.580
8857.094	84.221	1.004	14.786
1/16/2017 1:15:00 PM	400500.000	133.634	20.377

304.594	11869.364	13018.908	7.576
8852.857	84.251	1.004	14.779
1/16/2017 1:30:00 PM	401400.000	133.635	20.387
304.595	11874.508	13021.787	7.578
8854.815	84.214	1.004	14.778
1/16/2017 1:45:00 PM	402300.000	133.639	20.382
304.605	11870.948	13019.407	7.577
8853.198	84.239	1.004	14.777
1/16/2017 2:00:00 PM	403200.000	133.652	20.369
304.635	11866.691	13018.264	7.576
8852.419	84.269	1.004	14.770
1/16/2017 2:15:00 PM	404100.000	133.666	20.367
304.665	11864.372	13016.168	7.574
8850.994	84.286	1.004	14.773
1/16/2017 2:30:00 PM	405000.000	133.654	20.370
304.638	11865.593	13016.579	7.575
8851.273	84.277	1.004	14.775
1/16/2017 2:45:00 PM	405900.000	133.665	20.354
304.664	11859.183	13013.949	7.573
8849.485	84.323	1.004	14.775
1/16/2017 3:00:00 PM	406800.000	133.661	20.359
304.654	11857.550	13010.896	7.571
8847.410	84.334	1.004	14.770
1/16/2017 3:15:00 PM	407700.000	133.651	20.376
304.632	11864.569	13013.813	7.573
8849.394	84.285	1.004	14.771
1/16/2017 3:30:00 PM	408600.000	133.658	20.399
304.648	11870.792	13014.522	7.574
8849.875	84.240	1.004	14.769
1/16/2017 3:45:00 PM	409500.000	133.653	20.371
304.635	11866.162	13016.918	7.575
8851.504	84.273	1.004	14.771
1/16/2017 4:00:00 PM	410400.000	133.655	20.369
304.642	11860.585	13011.512	7.572
8847.829	84.313	1.004	14.769
1/16/2017 4:15:00 PM	411300.000	133.654	20.354
304.640	11855.353	13009.746	7.570
8846.627	84.350	1.004	14.771
1/16/2017 4:30:00 PM	412200.000	133.637	20.356
304.601	11854.849	13008.601	7.570
8845.849	84.354	1.004	14.775
1/16/2017 4:45:00 PM	413100.000	133.641	20.378
304.608	11858.252	13006.480	7.568
8844.408	84.329	1.004	14.770
1/16/2017 5:00:00 PM	414000.000	133.670	20.391
304.674	11863.377	13008.581	7.570
8845.836	84.293	1.004	14.765
1/16/2017 5:15:00 PM	414900.000	133.617	20.393
304.554	11863.043	13007.596	7.569
8845.165	84.295	1.004	14.772
1/16/2017 5:30:00 PM	415800.000	133.613	20.387
304.545	11860.641	13006.556	7.569
8844.459	84.312	1.004	14.770
1/16/2017 5:45:00 PM	416700.000	133.597	20.395
304.508	11862.938	13006.957	7.569
8844.731	84.296	1.004	14.776

1/16/2017 6:00:00 PM	417600.000	133.587	20.391
304.485	11862.779	13007.903	7.569
8845.374	84.297	1.004	14.775
1/16/2017 6:15:00 PM	418500.000	133.592	20.388
304.498	11860.937	13006.786	7.569
8844.615	84.310	1.004	14.770
1/16/2017 6:30:00 PM	419400.000	133.596	20.379
304.506	11854.116	13001.685	7.565
8841.146	84.359	1.004	14.769
1/16/2017 6:45:00 PM	420300.000	133.576	20.376
304.462	11853.019	13001.192	7.565
8840.811	84.367	1.004	14.771
1/16/2017 7:00:00 PM	421200.000	133.565	20.380
304.435	11856.125	13003.602	7.567
8842.449	84.345	1.004	14.769
1/16/2017 7:15:00 PM	422100.000	133.583	20.378
304.476	11855.135	13003.062	7.566
8842.082	84.352	1.004	14.771
1/16/2017 7:30:00 PM	423000.000	133.573	20.399
304.454	11860.687	13003.491	7.567
8842.375	84.312	1.004	14.775
1/16/2017 7:45:00 PM	423900.000	133.542	20.403
304.383	11863.679	13005.725	7.568
8843.893	84.291	1.004	14.770
1/16/2017 8:00:00 PM	424800.000	133.555	20.405
304.414	11866.465	13008.089	7.570
8845.501	84.271	1.004	14.771
1/16/2017 8:15:00 PM	425700.000	133.511	20.403
304.313	11864.635	13006.725	7.569
8844.574	84.284	1.004	14.773
1/16/2017 8:30:00 PM	426600.000	133.498	20.395
304.283	11866.949	13011.262	7.572
8847.658	84.268	1.004	14.779
1/16/2017 8:45:00 PM	427500.000	133.486	20.398
304.256	11867.011	13010.664	7.571
8847.253	84.267	1.004	14.784
1/16/2017 9:00:00 PM	428400.000	133.506	20.383
304.302	11860.909	13007.967	7.569
8845.418	84.311	1.004	14.790
1/16/2017 9:15:00 PM	429300.000	133.513	20.402
304.317	11862.528	13004.750	7.568
8843.231	84.299	1.004	14.786
1/16/2017 9:30:00 PM	430200.000	133.507	20.409
304.303	11864.297	13004.692	7.568
8843.191	84.286	1.004	14.778
1/16/2017 9:45:00 PM	431100.000	133.504	20.406
304.296	11864.926	13006.095	7.568
8844.145	84.282	1.004	14.784
1/16/2017 10:00:00 PM	432000.000	133.496	20.406
304.278	11865.992	13007.312	7.569
8844.972	84.274	1.004	14.785
1/16/2017 10:15:00 PM	432900.000	133.504	20.406
304.297	11861.580	13002.593	7.566
8841.764	84.306	1.004	14.779
1/16/2017 10:30:00 PM	433800.000	133.459	20.404
304.194	11866.003	13007.847	7.569

8845.336	84.274	1.004	14.779
1/16/2017 10:45:00 PM	434700.000	133.482	20.413
304.246	11866.843	13006.222	7.569
8844.230	84.268	1.004	14.784
1/16/2017 11:00:00 PM	435600.000	133.456	20.413
304.187	11869.477	13009.346	7.570
8846.355	84.250	1.004	14.785
1/16/2017 11:15:00 PM	436500.000	133.503	20.403
304.295	11864.111	13006.056	7.568
8844.118	84.288	1.004	14.780
1/16/2017 11:30:00 PM	437400.000	133.478	20.397
304.237	11864.975	13008.737	7.570
8845.941	84.282	1.004	14.774
1/16/2017 11:45:00 PM	438300.000	133.472	20.402
304.224	11863.534	13005.592	7.568
8843.804	84.292	1.004	14.776
1/17/2017 12:00:00 AM	439200.000	133.505	20.404
304.299	11866.031	13007.924	7.570
8845.390	84.274	1.004	14.778
1/17/2017 12:15:00 AM	440100.000	133.512	20.411
304.316	11872.188	13012.700	7.573
8848.637	84.230	1.004	14.775
1/17/2017 12:30:00 AM	441000.000	133.517	20.421
304.326	11872.320	13010.087	7.571
8846.860	84.230	1.004	14.776
1/17/2017 12:45:00 AM	441900.000	133.495	20.412
304.276	11868.955	13009.036	7.570
8846.145	84.253	1.004	14.775
1/17/2017 1:00:00 AM	442800.000	133.501	20.412
304.290	11868.710	13008.649	7.570
8845.883	84.255	1.004	14.780
1/17/2017 1:15:00 AM	443700.000	133.518	20.407
304.328	11870.092	13011.591	7.572
8847.882	84.245	1.004	14.774
1/17/2017 1:30:00 AM	444600.000	133.527	20.406
304.349	11866.047	13007.347	7.569
8844.996	84.274	1.004	14.775
1/17/2017 1:45:00 AM	445500.000	133.525	20.422
304.344	11871.850	13009.405	7.571
8846.396	84.233	1.004	14.782
1/17/2017 2:00:00 AM	446400.000	133.564	20.434
304.433	11874.336	13008.918	7.570
8846.064	84.215	1.004	14.780
1/17/2017 2:15:00 AM	447300.000	133.577	20.422
304.463	11875.454	13013.449	7.573
8849.146	84.207	1.004	14.775
1/17/2017 2:30:00 AM	448200.000	133.549	20.421
304.399	11873.142	13011.035	7.572
8847.505	84.224	1.004	14.775
1/17/2017 2:45:00 AM	449100.000	133.604	20.424
304.526	11871.676	13008.762	7.570
8845.959	84.234	1.004	14.772
1/17/2017 3:00:00 AM	450000.000	133.575	20.424
304.459	11876.181	13013.555	7.573
8849.218	84.202	1.004	14.777
1/17/2017 3:15:00 AM	450900.000	133.604	20.401

304.524	11871.965	13015.190	7.574
8850.329	84.232	1.004	14.777
1/17/2017 3:30:00 AM	451800.000	133.596	20.344
304.508	11828.097	12982.760	7.553
8828.276	84.544	1.004	14.767
1/17/2017 3:45:00 AM	452700.000	133.611	20.329
304.541	11802.886	12959.119	7.538
8812.201	84.725	1.004	14.776
1/17/2017 4:00:00 AM	453600.000	133.627	20.334
304.578	11797.400	12951.672	7.534
8807.138	84.764	1.004	14.775
1/17/2017 4:15:00 AM	454500.000	133.617	20.335
304.554	11797.646	12951.754	7.534
8807.192	84.763	1.004	14.778
1/17/2017 4:30:00 AM	455400.000	133.640	20.334
304.607	11793.510	12947.283	7.531
8804.152	84.792	1.004	14.773
1/17/2017 4:45:00 AM	456300.000	133.637	20.332
304.599	11787.579	12941.340	7.527
8800.111	84.835	1.004	14.774
1/17/2017 5:00:00 AM	457200.000	133.629	20.339
304.582	11790.787	12943.157	7.528
8801.347	84.812	1.004	14.784
1/17/2017 5:15:00 AM	458100.000	133.651	20.340
304.632	11789.706	12941.710	7.528
8800.363	84.820	1.004	14.770
1/17/2017 5:30:00 AM	459000.000	133.641	20.339
304.608	11789.630	12941.888	7.528
8800.483	84.820	1.004	14.775
1/17/2017 5:45:00 AM	459900.000	133.642	20.339
304.611	11787.879	12939.774	7.526
8799.048	84.833	1.004	14.773
1/17/2017 6:00:00 AM	460800.000	133.645	20.338
304.619	11787.536	12939.612	7.526
8798.937	84.835	1.004	14.772
1/17/2017 6:15:00 AM	461700.000	133.637	20.338
304.599	11788.692	12941.142	7.527
8799.978	84.827	1.004	14.773
1/17/2017 6:30:00 AM	462600.000	133.635	20.342
304.596	11786.912	12937.956	7.525
8797.811	84.840	1.004	14.773
1/17/2017 6:45:00 AM	463500.000	133.636	20.335
304.598	11784.717	12937.347	7.525
8797.396	84.856	1.004	14.775
1/17/2017 7:00:00 AM	464400.000	133.633	20.346
304.590	11787.639	12937.762	7.525
8797.678	84.835	1.004	14.773
1/17/2017 7:15:00 AM	465300.000	133.628	20.347
304.580	11787.128	12936.964	7.525
8797.137	84.838	1.004	14.781
1/17/2017 7:30:00 AM	466200.000	133.627	20.343
304.576	11787.460	12938.251	7.525
8798.011	84.836	1.004	14.775
1/17/2017 7:45:00 AM	467100.000	133.619	20.342
304.559	11785.882	12936.850	7.524
8797.059	84.847	1.004	14.780

1/17/2017 8:00:00 AM	468000.000	133.620	20.346
304.562	11783.733	12933.449	7.522
8794.745	84.863	1.004	14.769
1/17/2017 8:15:00 AM	468900.000	133.610	20.338
304.538	11783.092	12934.805	7.523
8795.668	84.867	1.004	14.767
1/17/2017 8:30:00 AM	469800.000	133.612	20.356
304.543	11785.869	12932.908	7.522
8794.378	84.847	1.004	14.749
1/17/2017 8:45:00 AM	470700.000	133.626	20.343
304.574	11784.332	12934.771	7.523
8795.644	84.858	1.004	14.756
1/17/2017 9:00:00 AM	471600.000	133.608	20.364
304.534	11789.397	12934.790	7.523
8795.658	84.822	1.004	14.770
1/17/2017 9:15:00 AM	472500.000	133.608	20.351
304.534	11787.477	12936.161	7.524
8796.590	84.836	1.004	14.774
1/17/2017 9:30:00 AM	473400.000	133.628	20.370
304.580	11788.917	12932.535	7.522
8794.125	84.825	1.004	14.795
1/17/2017 9:45:00 AM	474300.000	133.595	20.345
304.505	11782.470	12932.275	7.522
8793.947	84.872	1.004	14.802
1/17/2017 10:00:00 AM	475200.000	133.596	20.348
304.507	11778.778	12927.396	7.519
8790.630	84.898	1.004	14.801
1/17/2017 10:15:00 AM	476100.000	133.589	20.356
304.490	11780.623	12927.174	7.519
8790.479	84.885	1.004	14.811
1/17/2017 10:30:00 AM	477000.000	133.585	20.366
304.480	11781.913	12926.104	7.518
8789.751	84.876	1.004	14.806
1/17/2017 10:45:00 AM	477900.000	133.579	20.360
304.468	11779.397	12924.884	7.517
8788.921	84.894	1.004	14.797
1/17/2017 11:00:00 AM	478800.000	133.592	20.350
304.498	11774.483	12922.187	7.515
8787.088	84.929	1.004	14.797
1/17/2017 11:15:00 AM	479700.000	133.599	20.354
304.514	11775.560	12922.161	7.515
8787.069	84.922	1.004	14.790
1/17/2017 11:30:00 AM	480600.000	133.601	20.356
304.519	11777.033	12923.353	7.516
8787.880	84.911	1.004	14.792
1/17/2017 11:45:00 AM	481500.000	133.598	20.363
304.511	11777.944	12922.484	7.516
8787.290	84.904	1.004	14.792
1/17/2017 12:00:00 PM	482400.000	133.599	20.362
304.514	11777.701	12922.572	7.516
8787.350	84.906	1.004	14.787
1/17/2017 12:15:00 PM	483300.000	133.604	20.370
304.524	11778.811	12921.499	7.515
8786.619	84.898	1.004	14.788
1/17/2017 12:30:00 PM	484200.000	133.610	20.352
304.538	11771.028	12917.733	7.513

8784.059	84.954	1.004	14.778
1/17/2017 12:45:00 PM	485100.000	133.613	20.352
304.545	11770.003	12916.584	7.512
8783.277	84.962	1.004	14.778
1/17/2017 1:00:00 PM	486000.000	133.617	20.360
304.554	11771.925	12916.613	7.512
8783.298	84.948	1.004	14.778
1/17/2017 1:15:00 PM	486900.000	133.617	20.377
304.555	11777.921	12918.559	7.513
8784.620	84.905	1.004	14.769
1/17/2017 1:30:00 PM	487800.000	133.613	20.381
304.545	11777.453	12916.961	7.512
8783.534	84.908	1.004	14.768
1/17/2017 1:45:00 PM	488700.000	133.625	20.379
304.573	11780.501	12920.868	7.515
8786.191	84.886	1.004	14.768
1/17/2017 2:00:00 PM	489600.000	133.623	20.382
304.569	11778.253	12917.720	7.513
8784.050	84.902	1.004	14.774
1/17/2017 2:15:00 PM	490500.000	133.633	20.384
304.590	11776.941	12915.572	7.511
8782.589	84.912	1.004	14.774
1/17/2017 2:30:00 PM	491400.000	133.628	20.385
304.579	11778.926	12917.632	7.513
8783.990	84.897	1.004	14.770
1/17/2017 2:45:00 PM	492300.000	133.638	20.388
304.601	11779.204	12917.037	7.512
8783.586	84.895	1.004	14.774
1/17/2017 3:00:00 PM	493200.000	133.639	20.389
304.605	11777.289	12914.631	7.511
8781.950	84.909	1.004	14.772
1/17/2017 3:15:00 PM	494100.000	133.632	20.383
304.588	11775.380	12914.143	7.510
8781.617	84.923	1.004	14.779
1/17/2017 3:30:00 PM	495000.000	133.683	20.387
304.705	11773.772	12911.388	7.509
8779.744	84.935	1.004	14.772
1/17/2017 3:45:00 PM	495900.000	133.643	20.388
304.613	11776.067	12913.719	7.510
8781.329	84.918	1.004	14.771
1/17/2017 4:00:00 PM	496800.000	133.648	20.359
304.626	11762.431	12906.386	7.505
8776.344	85.016	1.004	14.775
1/17/2017 4:15:00 PM	497700.000	133.641	20.366
304.609	11762.844	12904.996	7.505
8775.398	85.013	1.004	14.786
1/17/2017 4:30:00 PM	498600.000	133.635	20.371
304.596	11765.492	12906.604	7.506
8776.490	84.994	1.004	14.790
1/17/2017 4:45:00 PM	499500.000	133.649	20.356
304.627	11760.037	12904.702	7.504
8775.198	85.034	1.004	14.780
1/17/2017 5:00:00 PM	500400.000	133.640	20.369
304.608	11761.476	12902.859	7.503
8773.945	85.023	1.004	14.789
1/17/2017 5:15:00 PM	501300.000	133.621	20.368

304.563	11762.261	12903.908	7.504
8774.657	85.018	1.004	14.794
1/17/2017 5:30:00 PM	502200.000	133.627	20.379
304.578	11763.572	12902.422	7.503
8773.647	85.008	1.004	14.794
1/17/2017 5:45:00 PM	503100.000	133.653	20.388
304.637	11770.352	12907.281	7.506
8776.952	84.959	1.004	14.791
1/17/2017 6:00:00 PM	504000.000	133.619	20.379
304.560	11766.727	12905.808	7.505
8775.949	84.985	1.004	14.790
1/17/2017 6:15:00 PM	504900.000	133.637	20.370
304.599	11762.962	12904.085	7.504
8774.778	85.013	1.004	14.800
1/17/2017 6:30:00 PM	505800.000	133.615	20.355
304.550	11755.206	12899.636	7.501
8771.752	85.069	1.004	14.796
1/17/2017 6:45:00 PM	506700.000	133.594	20.360
304.502	11755.263	12898.285	7.500
8770.834	85.068	1.004	14.796
1/17/2017 7:00:00 PM	507600.000	133.587	20.369
304.487	11755.920	12896.596	7.499
8769.686	85.064	1.004	14.797
1/17/2017 7:15:00 PM	508500.000	133.579	20.392
304.468	11759.217	12894.058	7.498
8767.960	85.040	1.004	14.794
1/17/2017 7:30:00 PM	509400.000	133.572	20.363
304.452	11753.053	12895.221	7.498
8768.750	85.084	1.004	14.798
1/17/2017 7:45:00 PM	510300.000	133.567	20.368
304.440	11755.820	12896.700	7.499
8769.756	85.064	1.004	14.801
1/17/2017 8:00:00 PM	511200.000	133.555	20.374
304.412	11755.357	12894.778	7.498
8768.450	85.068	1.004	14.802
1/17/2017 8:15:00 PM	512100.000	133.544	20.367
304.388	11752.938	12893.845	7.498
8767.814	85.085	1.004	14.805
1/17/2017 8:30:00 PM	513000.000	133.539	20.388
304.376	11756.920	12892.507	7.497
8766.905	85.056	1.004	14.805
1/17/2017 8:45:00 PM	513900.000	133.526	20.403
304.348	11768.157	12900.984	7.502
8772.671	84.975	1.004	14.806
1/17/2017 9:00:00 PM	514800.000	133.514	20.388
304.320	11759.557	12895.541	7.499
8768.969	85.037	1.004	14.802
1/17/2017 9:15:00 PM	515700.000	133.522	20.390
304.338	11759.431	12894.813	7.498
8768.473	85.038	1.004	14.795
1/17/2017 9:30:00 PM	516600.000	133.517	20.374
304.327	11755.571	12894.894	7.498
8768.528	85.066	1.004	14.794
1/17/2017 9:45:00 PM	517500.000	133.512	20.379
304.315	11755.974	12893.896	7.498
8767.850	85.063	1.004	14.790

1/17/2017 10:00:00 PM	518400.000	133.522	20.359
304.338	11747.005	12889.459	7.495
8764.832	85.128	1.004	14.790
1/17/2017 10:15:00 PM	519300.000	133.508	20.366
304.305	11747.766	12888.406	7.494
8764.116	85.123	1.004	14.788
1/17/2017 10:30:00 PM	520200.000	133.505	20.365
304.299	11743.913	12884.605	7.492
8761.533	85.150	1.004	14.795
1/17/2017 10:45:00 PM	521100.000	133.506	20.367
304.301	11747.577	12887.964	7.494
8763.815	85.124	1.004	14.794
1/17/2017 11:00:00 PM	522000.000	133.527	20.388
304.348	11750.387	12885.343	7.492
8762.033	85.104	1.004	14.787
1/17/2017 11:15:00 PM	522900.000	133.484	20.382
304.251	11746.771	12883.239	7.491
8760.603	85.130	1.004	14.797
1/17/2017 11:30:00 PM	523800.000	133.483	20.374
304.249	11747.641	12886.194	7.493
8762.612	85.123	1.004	14.792
1/17/2017 11:45:00 PM	524700.000	133.488	20.371
304.260	11748.064	12887.440	7.494
8763.460	85.120	1.004	14.790
1/18/2017 12:00:00 AM	525600.000	133.505	20.390
304.298	11751.918	12886.527	7.493
8762.839	85.092	1.004	14.777
1/18/2017 12:15:00 AM	526500.000	133.537	20.394
304.373	11751.490	12885.165	7.492
8761.912	85.096	1.004	14.783
1/18/2017 12:30:00 AM	527400.000	133.538	20.401
304.375	11753.062	12884.932	7.492
8761.754	85.084	1.004	14.775
1/18/2017 12:45:00 AM	528300.000	133.538	20.393
304.374	11754.901	12888.998	7.495
8764.519	85.071	1.004	14.779
1/18/2017 1:00:00 AM	529200.000	133.512	20.396
304.316	11754.121	12887.366	7.494
8763.409	85.077	1.004	14.775
1/18/2017 1:15:00 AM	530100.000	133.527	20.389
304.349	11748.866	12883.438	7.491
8760.738	85.115	1.004	14.775
1/18/2017 1:30:00 AM	531000.000	133.556	20.397
304.415	11752.257	12884.991	7.492
8761.794	85.090	1.004	14.784
1/18/2017 1:45:00 AM	531900.000	133.524	20.404
304.341	11752.423	12883.382	7.491
8760.700	85.089	1.004	14.792
1/18/2017 2:00:00 AM	532800.000	133.552	20.394
304.407	11749.558	12882.902	7.491
8760.374	85.110	1.004	14.784
1/18/2017 2:15:00 AM	533700.000	133.579	20.405
304.469	11755.282	12886.188	7.493
8762.607	85.068	1.004	14.788
1/18/2017 2:30:00 AM	534600.000	133.554	20.398
304.410	11751.597	12884.055	7.492

8761.158	85.095	1.004	14.791
1/18/2017 2:45:00 AM	535500.000	133.571	20.393
304.449	11750.969	12884.851	7.492
8761.698	85.099	1.004	14.789
1/18/2017 3:00:00 AM	536400.000	133.576	20.393
304.460	11751.171	12885.072	7.492
8761.851	85.098	1.004	14.782
1/18/2017 3:15:00 AM	537300.000	133.588	20.379
304.489	11746.281	12883.336	7.491
8760.670	85.133	1.004	14.783
1/18/2017 3:30:00 AM	538200.000	133.593	20.388
304.499	11749.725	12884.710	7.492
8761.604	85.108	1.004	14.785
1/18/2017 3:45:00 AM	539100.000	133.613	20.361
304.544	11734.665	12875.540	7.486
8755.367	85.218	1.004	14.783
1/18/2017 4:00:00 AM	540000.000	133.616	20.366
304.551	11738.014	12877.848	7.488
8756.938	85.193	1.004	14.777
1/18/2017 4:15:00 AM	540900.000	133.615	20.391
304.549	11745.967	12879.837	7.489
8758.289	85.136	1.004	14.785
1/18/2017 4:30:00 AM	541800.000	133.621	20.381
304.563	11742.379	12878.611	7.488
8757.457	85.162	1.004	14.784
1/18/2017 4:45:00 AM	542700.000	133.631	20.384
304.587	11744.353	12879.952	7.489
8758.367	85.147	1.004	14.786
1/18/2017 5:00:00 AM	543600.000	133.640	20.384
304.607	11741.981	12877.328	7.487
8756.583	85.165	1.004	14.785
1/18/2017 5:15:00 AM	544500.000	133.638	20.387
304.601	11744.306	12879.169	7.489
8757.835	85.148	1.004	14.779
1/18/2017 5:30:00 AM	545400.000	133.637	20.384
304.600	11744.948	12880.439	7.489
8758.699	85.143	1.004	14.778
1/18/2017 5:45:00 AM	546300.000	133.656	20.382
304.644	11742.213	12878.051	7.488
8757.074	85.163	1.004	14.768
1/18/2017 6:00:00 AM	547200.000	133.633	20.400
304.591	11747.941	12879.411	7.489
8758.000	85.121	1.004	14.779
1/18/2017 6:15:00 AM	548100.000	133.678	20.393
304.694	11746.313	12879.651	7.489
8758.163	85.133	1.004	14.785
1/18/2017 6:30:00 AM	549000.000	133.649	20.398
304.627	11742.220	12873.774	7.485
8754.168	85.163	1.004	14.789
1/18/2017 6:45:00 AM	549900.000	133.643	20.387
304.614	11740.468	12874.819	7.486
8754.877	85.175	1.004	14.788
1/18/2017 7:00:00 AM	550800.000	133.650	20.364
304.629	11730.654	12870.247	7.483
8751.770	85.247	1.004	14.770
1/18/2017 7:15:00 AM	551700.000	133.679	20.388

304.697	11739.620	12873.606	7.485
8754.053	85.182	1.004	14.773
1/18/2017 7:30:00 AM	552600.000	133.656	20.395
304.643	11740.396	12872.645	7.484
8753.398	85.176	1.004	14.776
1/18/2017 7:45:00 AM	553500.000	133.628	20.407
304.579	11746.100	12875.744	7.487
8755.507	85.135	1.004	14.764
1/18/2017 8:00:00 AM	554400.000	133.638	20.399
304.602	11741.162	12872.262	7.484
8753.139	85.170	1.004	14.758
1/18/2017 8:15:00 AM	555300.000	133.622	20.408
304.567	11747.526	12876.933	7.487
8756.315	85.124	1.004	14.759
1/18/2017 8:30:00 AM	556200.000	133.633	20.404
304.590	11741.713	12871.642	7.484
8752.717	85.166	1.004	14.755
1/18/2017 8:45:00 AM	557100.000	133.627	20.399
304.578	11740.744	12871.944	7.484
8752.922	85.173	1.004	14.746
1/18/2017 9:00:00 AM	558000.000	133.634	20.394
304.593	11741.108	12873.591	7.485
8754.043	85.171	1.004	14.741
1/18/2017 9:15:00 AM	558900.000	133.620	20.395
304.562	11739.298	12871.487	7.484
8752.612	85.184	1.004	14.745
1/18/2017 9:30:00 AM	559800.000	133.619	20.384
304.558	11732.979	12867.570	7.481
8749.948	85.230	1.004	14.738
1/18/2017 9:45:00 AM	560700.000	133.643	20.398
304.614	11739.593	12870.941	7.483
8752.240	85.182	1.004	14.742
1/18/2017 10:00:00 AM	561600.000	133.624	20.393
304.570	11736.337	12868.643	7.482
8750.677	85.205	1.004	14.742
1/18/2017 10:15:00 AM	562500.000	133.613	20.393
304.546	11738.206	12870.715	7.483
8752.087	85.192	1.004	14.772
1/18/2017 10:30:00 AM	563400.000	133.610	20.377
304.538	11733.318	12869.778	7.483
8751.449	85.227	1.004	14.777
1/18/2017 10:45:00 AM	564300.000	133.621	20.404
304.564	11742.109	12871.959	7.484
8752.934	85.164	1.004	14.783
1/18/2017 11:00:00 AM	565200.000	133.631	20.409
304.586	11739.657	12868.142	7.482
8750.337	85.181	1.004	14.776
1/18/2017 11:15:00 AM	566100.000	133.626	20.410
304.575	11743.464	12871.844	7.484
8752.854	85.154	1.004	14.772
1/18/2017 11:30:00 AM	567000.000	133.590	20.407
304.494	11741.769	12870.902	7.483
8752.215	85.166	1.004	14.773
1/18/2017 11:45:00 AM	567900.000	133.581	20.394
304.473	11741.463	12874.146	7.485
8754.420	85.168	1.004	14.771

1/18/2017 12:00:00 PM	568800.000	133.582	20.413
304.474	11743.772	12871.335	7.484
8752.508	85.152	1.004	14.760
1/18/2017 12:15:00 PM	569700.000	133.592	20.393
304.497	11739.158	12871.924	7.484
8752.909	85.185	1.004	14.761
1/18/2017 12:30:00 PM	570600.000	133.613	20.411
304.544	11741.314	12869.418	7.483
8751.204	85.169	1.004	14.746
1/18/2017 12:45:00 PM	571500.000	133.625	20.404
304.572	11742.352	12872.273	7.484
8753.147	85.162	1.004	14.743
1/18/2017 1:00:00 PM	572400.000	133.613	20.403
304.546	11742.708	12873.086	7.485
8753.698	85.159	1.004	14.740
1/18/2017 1:15:00 PM	573300.000	133.630	20.413
304.584	11742.997	12870.720	7.483
8752.091	85.157	1.004	14.730
1/18/2017 1:30:00 PM	574200.000	133.634	20.411
304.593	11742.575	12870.775	7.483
8752.128	85.160	1.004	14.725
1/18/2017 1:45:00 PM	575100.000	133.597	20.416
304.509	11746.793	12873.868	7.485
8754.230	85.130	1.004	14.723
1/18/2017 2:00:00 PM	576000.000	133.633	20.418
304.590	11749.374	12876.253	7.487
8755.853	85.111	1.004	14.714
1/18/2017 2:15:00 PM	576900.000	133.606	20.408
304.529	11748.355	12877.701	7.488
8756.837	85.118	1.004	14.706
1/18/2017 2:30:00 PM	577800.000	133.634	20.417
304.593	11747.408	12874.357	7.486
8754.564	85.125	1.004	14.700
1/18/2017 2:45:00 PM	578700.000	133.613	20.417
304.545	11746.741	12873.530	7.485
8754.002	85.130	1.004	14.690
1/18/2017 3:00:00 PM	579600.000	133.657	20.403
304.645	11741.330	12871.481	7.484
8752.608	85.169	1.004	14.676
1/18/2017 3:15:00 PM	580500.000	133.625	20.420
304.572	11751.005	12877.380	7.488
8756.618	85.099	1.004	14.673
1/18/2017 3:30:00 PM	581400.000	133.657	20.410
304.645	11747.993	12876.900	7.487
8756.292	85.121	1.004	14.667
1/18/2017 3:45:00 PM	582300.000	133.631	20.404
304.585	11746.229	12876.712	7.487
8756.164	85.134	1.004	14.672
1/18/2017 4:00:00 PM	583200.000	133.660	20.411
304.652	11750.740	12879.537	7.489
8758.085	85.101	1.004	14.672
1/18/2017 4:15:00 PM	584100.000	133.637	20.426
304.599	11749.462	12874.162	7.486
8754.431	85.110	1.004	14.660
1/18/2017 4:30:00 PM	585000.000	133.640	20.417
304.607	11751.248	12878.542	7.488

8757.409	85.097	1.004	14.654
1/18/2017 4:45:00 PM	585900.000	133.658	20.412
304.649	11743.944	12871.900	7.484
8752.894	85.150	1.004	14.657
1/18/2017 5:00:00 PM	586800.000	133.668	20.423
304.671	11750.701	12876.343	7.487
8755.914	85.101	1.004	14.647
1/18/2017 5:15:00 PM	587700.000	133.685	20.427
304.709	11753.689	12878.675	7.488
8757.500	85.080	1.004	14.638
1/18/2017 5:30:00 PM	588600.000	133.669	20.426
304.673	11752.631	12877.679	7.488
8756.821	85.087	1.004	14.635
1/18/2017 5:45:00 PM	589500.000	133.671	20.430
304.677	11754.259	12878.474	7.488
8757.362	85.076	1.004	14.632
1/18/2017 6:00:00 PM	590400.000	133.665	20.433
304.663	11752.942	12875.999	7.487
8755.680	85.085	1.004	14.630
1/18/2017 6:15:00 PM	591300.000	133.671	20.431
304.677	11755.615	12879.681	7.489
8758.184	85.066	1.004	14.622
1/18/2017 6:30:00 PM	592200.000	133.673	20.353
304.682	11704.756	12844.746	7.467
8734.429	85.435	1.004	14.629
1/18/2017 6:45:00 PM	593100.000	133.661	20.323
304.655	11647.691	12790.360	7.432
8697.446	85.854	1.004	14.627
1/18/2017 7:00:00 PM	594000.000	133.653	20.317
304.636	11644.573	12788.481	7.431
8696.167	85.877	1.004	14.631
1/18/2017 7:15:00 PM	594900.000	133.659	20.322
304.650	11644.169	12786.749	7.430
8694.989	85.880	1.004	14.629
1/18/2017 7:30:00 PM	595800.000	133.652	20.331
304.635	11638.849	12778.430	7.425
8689.332	85.919	1.004	14.635
1/18/2017 7:45:00 PM	596700.000	133.651	20.333
304.632	11639.739	12778.796	7.425
8689.582	85.913	1.004	14.637
1/18/2017 8:00:00 PM	597600.000	133.638	20.335
304.603	11636.560	12774.817	7.423
8686.876	85.936	1.004	14.639
1/18/2017 8:15:00 PM	598500.000	133.629	20.334
304.583	11641.018	12779.943	7.426
8690.362	85.903	1.004	14.640
1/18/2017 8:30:00 PM	599400.000	133.630	20.336
304.584	11636.497	12774.583	7.423
8686.717	85.937	1.004	14.641
1/18/2017 8:45:00 PM	600300.000	133.632	20.325
304.588	11630.185	12770.436	7.420
8683.897	85.983	1.004	14.645
1/18/2017 9:00:00 PM	601200.000	133.622	20.332
304.567	11634.967	12773.884	7.422
8686.241	85.948	1.004	14.653
1/18/2017 9:15:00 PM	602100.000	133.625	20.332

304.573	11633.276	12771.983	7.421
8684.950	85.960	1.004	14.646
1/18/2017 9:30:00 PM	603000.000	133.618	20.336
304.557	11633.406	12771.189	7.420
8684.409	85.959	1.004	14.647
1/18/2017 9:45:00 PM	603900.000	133.618	20.337
304.557	11632.688	12769.980	7.420
8683.587	85.965	1.004	14.649
1/18/2017 10:00:00 PM	604800.000	133.610	20.340
304.539	11634.298	12770.978	7.420
8684.266	85.953	1.004	14.658
1/18/2017 10:15:00 PM	605700.000	133.612	20.335
304.543	11635.627	12773.793	7.422
8686.180	85.943	1.004	14.657
1/18/2017 10:30:00 PM	606600.000	133.607	20.333
304.531	11631.929	12770.362	7.420
8683.848	85.970	1.004	14.660
1/18/2017 10:45:00 PM	607500.000	133.599	20.337
304.514	11630.661	12767.921	7.418
8682.188	85.980	1.004	14.655
1/18/2017 11:00:00 PM	608400.000	133.601	20.337
304.518	11631.584	12768.838	7.419
8682.810	85.973	1.004	14.656
1/18/2017 11:15:00 PM	609300.000	133.593	20.337
304.501	11629.700	12766.653	7.418
8681.325	85.987	1.004	14.665
1/18/2017 11:30:00 PM	610200.000	133.610	20.346
304.537	11636.012	12771.386	7.421
8684.543	85.940	1.004	14.657
1/18/2017 11:45:00 PM	611100.000	133.596	20.334
304.506	11629.283	12767.013	7.418
8681.569	85.990	1.004	14.670

Report Date: 1/20/2017 8:29:03 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_2017-01-19_12-44-38-069.wsl
Create Date: 1/19/2017 12:44:15 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
1/19/2017 12:44:11 PM	Log Download - Used Battery: 16% Used Memory: 12% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM

Log Data:

Record Count: 731

Sensors: 1

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

Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft
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#: 410756	SN#: 410756	SN#: 410756	SN#: 410756
SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756
SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756
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)		
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1/12/2017 12:00:00 AM	7200.000	71.809	17.353
161.758	41084.152	48110.996	31.549
32.715	24.340	1.023	
1/12/2017 12:15:00 AM	8100.000	71.807	17.359
161.752	41035.172	48047.340	31.502
32.672	24.369	1.023	
1/12/2017 12:30:00 AM	9000.000	71.823	17.365
161.788	41014.277	48016.691	31.480
32.651	24.382	1.023	
1/12/2017 12:45:00 AM	9900.000	71.818	17.368
161.777	41033.238	48035.699	31.494
32.664	24.370	1.023	
1/12/2017 1:00:00 AM	10800.000	71.826	17.369
161.795	41049.891	48053.414	31.507
32.676	24.361	1.023	
1/12/2017 1:15:00 AM	11700.000	71.827	17.366
161.797	41042.609	48048.832	31.504
32.673	24.365	1.023	
1/12/2017 1:30:00 AM	12600.000	71.827	17.361
161.797	41035.250	48045.477	31.501
32.671	24.369	1.023	
1/12/2017 1:45:00 AM	13500.000	71.831	17.362
161.807	41063.445	48077.066	31.524
32.692	24.353	1.023	
1/12/2017 2:00:00 AM	14400.000	71.838	17.366
161.822	41131.109	48151.785	31.579
32.743	24.312	1.023	
1/12/2017 2:15:00 AM	15300.000	71.835	17.362
161.814	41151.406	48179.969	31.600
32.762	24.301	1.023	
1/12/2017 2:30:00 AM	16200.000	71.828	17.367
161.799	41054.926	48062.031	31.514
32.682	24.358	1.023	
1/12/2017 2:45:00 AM	17100.000	71.821	17.359
161.783	41075.805	48094.730	31.537
32.704	24.345	1.023	
1/12/2017 3:00:00 AM	18000.000	71.827	17.361
161.798	41082.508	48100.238	31.541
32.708	24.341	1.023	
1/12/2017 3:15:00 AM	18900.000	71.838	17.364
161.822	41032.766	48039.090	31.497
32.667	24.371	1.023	
1/12/2017 3:30:00 AM	19800.000	71.828	17.363
161.799	41093.234	48111.105	31.549
32.716	24.335	1.023	
1/12/2017 3:45:00 AM	20700.000	71.831	17.360
161.807	41073.367	48091.035	31.534
32.702	24.347	1.023	
1/12/2017 4:00:00 AM	21600.000	71.824	17.359
161.790	41070.949	48088.855	31.533
32.700	24.348	1.023	
1/12/2017 4:15:00 AM	22500.000	71.831	17.363
161.807	41064.758	48077.848	31.525

32.693	24.352	1.023	
1/12/2017 4:30:00 AM	23400.000	71.833	17.363
161.811	41060.555	48073.117	31.521
32.690	24.354	1.023	
1/12/2017 4:45:00 AM	24300.000	71.830	17.359
161.804	41010.074	48017.578	31.481
32.652	24.384	1.023	
1/12/2017 5:00:00 AM	25200.000	71.833	17.358
161.810	41151.570	48184.199	31.602
32.765	24.300	1.023	
1/12/2017 5:15:00 AM	26100.000	71.833	17.365
161.811	41124.816	48145.914	31.575
32.739	24.316	1.023	
1/12/2017 5:30:00 AM	27000.000	71.835	17.377
161.814	41049.090	48044.691	31.501
32.670	24.361	1.023	
1/12/2017 5:45:00 AM	27900.000	71.839	17.362
161.825	41060.902	48073.898	31.522
32.690	24.354	1.023	
1/12/2017 6:00:00 AM	28800.000	71.839	17.362
161.825	41058.504	48071.848	31.520
32.689	24.355	1.023	
1/12/2017 6:15:00 AM	29700.000	71.837	17.363
161.820	41060.023	48071.660	31.520
32.689	24.355	1.023	
1/12/2017 6:30:00 AM	30600.000	71.852	17.364
161.854	41008.402	48010.566	31.476
32.647	24.385	1.023	
1/12/2017 6:45:00 AM	31500.000	71.856	17.375
161.863	41069.480	48069.871	31.520
32.688	24.349	1.023	
1/12/2017 7:00:00 AM	32400.000	71.869	17.363
161.893	41053.027	48064.117	31.515
32.684	24.359	1.023	
1/12/2017 7:15:00 AM	33300.000	71.869	17.363
161.893	41035.484	48043.117	31.500
32.669	24.369	1.023	
1/12/2017 7:30:00 AM	34200.000	71.878	17.366
161.913	41026.996	48030.555	31.490
32.661	24.374	1.023	
1/12/2017 7:45:00 AM	35100.000	71.887	17.364
161.933	41096.660	48113.984	31.551
32.718	24.333	1.023	
1/12/2017 8:00:00 AM	36000.000	71.895	17.368
161.950	41060.207	48067.086	31.517
32.686	24.354	1.023	
1/12/2017 8:15:00 AM	36900.000	71.905	17.371
161.974	41061.820	48065.406	31.516
32.684	24.354	1.023	
1/12/2017 8:30:00 AM	37800.000	71.916	17.360
161.998	41063.254	48078.730	31.525
32.694	24.353	1.023	
1/12/2017 8:45:00 AM	38700.000	71.929	17.365
162.027	41022.652	48026.496	31.487
32.658	24.377	1.023	

1/12/2017 9:00:00 AM	39600.000	71.944	17.365
162.060	41143.203	48167.250	31.590
32.754	24.305	1.023	
1/12/2017 9:15:00 AM	40500.000	71.945	17.366
162.064	41015.891	48017.648	31.481
32.652	24.381	1.023	
1/12/2017 9:30:00 AM	41400.000	71.954	17.362
162.083	41045.902	48056.527	31.509
32.678	24.363	1.023	
1/12/2017 9:45:00 AM	42300.000	71.970	17.355
162.120	41106.473	48135.441	31.567
32.732	24.327	1.023	
1/12/2017 10:00:00 AM	43200.000	71.977	17.361
162.134	41080.715	48098.043	31.540
32.707	24.342	1.023	
1/12/2017 10:15:00 AM	44100.000	71.977	17.349
162.135	41042.930	48066.668	31.516
32.685	24.365	1.023	
1/12/2017 10:30:00 AM	45000.000	71.995	17.364
162.176	41047.668	48056.445	31.509
32.678	24.362	1.023	
1/12/2017 10:45:00 AM	45900.000	71.995	17.376
162.176	41134.957	48145.473	31.575
32.739	24.310	1.023	
1/12/2017 11:00:00 AM	46800.000	71.999	17.367
162.184	41054.621	48061.020	31.513
32.681	24.358	1.023	
1/12/2017 11:15:00 AM	47700.000	72.005	17.363
162.198	41026.031	48031.953	31.491
32.662	24.375	1.023	
1/12/2017 11:30:00 AM	48600.000	72.010	17.363
162.209	41000.602	48002.277	31.470
32.642	24.390	1.023	
1/12/2017 11:45:00 AM	49500.000	72.012	17.358
162.215	41039.797	48054.164	31.507
32.677	24.367	1.023	
1/12/2017 12:00:00 PM	50400.000	72.012	17.368
162.214	41071.953	48081.121	31.528
32.695	24.348	1.023	
1/12/2017 12:15:00 PM	51300.000	72.014	17.365
162.219	41032.340	48037.281	31.495
32.665	24.371	1.023	
1/12/2017 12:30:00 PM	52200.000	72.009	17.362
162.207	41084.953	48102.164	31.543
32.709	24.340	1.023	
1/12/2017 12:45:00 PM	53100.000	72.013	17.361
162.217	41093.551	48113.258	31.551
32.717	24.335	1.023	
1/12/2017 1:00:00 PM	54000.000	72.005	17.367
162.198	41059.395	48066.887	31.517
32.685	24.355	1.023	
1/12/2017 1:15:00 PM	54900.000	71.996	17.365
162.179	41072.227	48084.820	31.530
32.698	24.347	1.023	
1/12/2017 1:30:00 PM	55800.000	71.982	17.366

162.147	41042.980	48048.984	31.504
32.673	24.365	1.023	
1/12/2017 1:45:00 PM	56700.000	71.982	17.361
162.147	41063.574	48078.918	31.526
32.694	24.352	1.023	
1/12/2017 2:00:00 PM	57600.000	71.966	17.366
162.110	41072.391	48083.891	31.529
32.697	24.347	1.023	
1/12/2017 2:15:00 PM	58500.000	71.958	17.362
162.093	41046.754	48058.094	31.510
32.680	24.362	1.023	
1/12/2017 2:30:00 PM	59400.000	71.941	17.369
162.055	41031.672	48032.926	31.492
32.662	24.371	1.023	
1/12/2017 2:45:00 PM	60300.000	71.931	17.363
162.032	41073.133	48087.949	31.532
32.700	24.347	1.023	
1/12/2017 3:00:00 PM	61200.000	71.913	17.363
161.991	41104.492	48124.098	31.559
32.724	24.328	1.023	
1/12/2017 3:15:00 PM	62100.000	71.900	17.365
161.962	41053.953	48062.395	31.514
32.682	24.358	1.023	
1/12/2017 3:30:00 PM	63000.000	71.882	17.369
161.921	41069.305	48076.141	31.524
32.692	24.349	1.023	
1/12/2017 3:45:00 PM	63900.000	71.875	17.358
161.906	41096.230	48119.590	31.555
32.721	24.333	1.023	
1/12/2017 4:00:00 PM	64800.000	71.859	17.359
161.869	41038.602	48051.168	31.505
32.675	24.367	1.023	
1/12/2017 4:15:00 PM	65700.000	71.842	17.410
161.832	41065.855	48028.504	31.492
32.659	24.351	1.023	
1/12/2017 4:30:00 PM	66600.000	71.824	17.378
161.790	41098.539	48100.691	31.543
32.708	24.332	1.023	
1/12/2017 4:45:00 PM	67500.000	71.821	17.374
161.784	41054.270	48053.188	31.508
32.676	24.358	1.023	
1/12/2017 5:00:00 PM	68400.000	71.806	17.367
161.750	41071.961	48081.598	31.528
32.695	24.348	1.023	
1/12/2017 5:15:00 PM	69300.000	71.794	17.378
161.723	41122.090	48129.102	31.563
32.728	24.318	1.023	
1/12/2017 5:30:00 PM	70200.000	71.786	17.367
161.706	41088.148	48100.738	31.542
32.709	24.338	1.023	
1/12/2017 5:45:00 PM	71100.000	71.770	17.362
161.669	41013.035	48018.613	31.482
32.653	24.382	1.023	
1/12/2017 6:00:00 PM	72000.000	71.756	17.368
161.637	41036.867	48040.141	31.498

32.667	24.368	1.023	
1/12/2017 6:15:00 PM	72900.000	71.748	17.366
161.620	41013.223	48014.523	31.479
32.650	24.382	1.023	
1/12/2017 6:30:00 PM	73800.000	71.742	17.368
161.606	41058.652	48065.453	31.516
32.685	24.355	1.023	
1/12/2017 6:45:00 PM	74700.000	71.746	17.368
161.615	41031.199	48032.648	31.492
32.662	24.372	1.023	
1/12/2017 7:00:00 PM	75600.000	71.735	17.367
161.590	41094.055	48107.840	31.547
32.713	24.334	1.023	
1/12/2017 7:15:00 PM	76500.000	71.725	17.374
161.567	41110.090	48118.527	31.555
32.721	24.325	1.023	
1/12/2017 7:30:00 PM	77400.000	71.725	17.364
161.568	41119.238	48140.418	31.571
32.735	24.320	1.023	
1/12/2017 7:45:00 PM	78300.000	71.725	17.364
161.568	41006.289	48008.281	31.474
32.646	24.387	1.023	
1/12/2017 8:00:00 PM	79200.000	71.715	17.366
161.546	41093.449	48108.254	31.547
32.714	24.335	1.023	
1/12/2017 8:15:00 PM	80100.000	71.725	17.370
161.567	41072.316	48079.098	31.526
32.694	24.347	1.023	
1/12/2017 8:30:00 PM	81000.000	71.715	17.365
161.546	41114.688	48133.496	31.566
32.731	24.322	1.023	
1/12/2017 8:45:00 PM	81900.000	71.711	17.371
161.537	41131.496	48147.531	31.576
32.740	24.312	1.023	
1/12/2017 9:00:00 PM	82800.000	71.712	17.367
161.538	41030.008	48032.484	31.492
32.662	24.372	1.023	
1/12/2017 9:15:00 PM	83700.000	71.715	17.370
161.545	41108.918	48121.477	31.557
32.723	24.326	1.023	
1/12/2017 9:30:00 PM	84600.000	71.712	17.378
161.538	41085.949	48086.523	31.532
32.699	24.339	1.023	
1/12/2017 9:45:00 PM	85500.000	71.715	17.364
161.546	41135.203	48159.207	31.584
32.748	24.310	1.023	
1/12/2017 10:00:00 PM	86400.000	71.718	17.363
161.552	41110.695	48131.262	31.564
32.729	24.325	1.023	
1/12/2017 10:15:00 PM	87300.000	71.711	17.361
161.537	41036.930	48047.254	31.502
32.672	24.368	1.023	
1/12/2017 10:30:00 PM	88200.000	71.723	17.365
161.562	41071.676	48083.699	31.529
32.697	24.348	1.023	

1/12/2017 10:45:00 PM	89100.000	71.728	17.368
161.573	41006.539	48003.781	31.471
32.643	24.386	1.023	
1/12/2017 11:00:00 PM	90000.000	71.732	17.362
161.584	41108.230	48129.313	31.563
32.728	24.326	1.023	
1/12/2017 11:15:00 PM	90900.000	71.745	17.362
161.613	41074.633	48090.355	31.534
32.701	24.346	1.023	
1/12/2017 11:30:00 PM	91800.000	71.741	17.367
161.603	41016.879	48016.836	31.481
32.651	24.380	1.023	
1/12/2017 11:45:00 PM	92700.000	71.748	17.366
161.620	41092.340	48106.770	31.546
32.713	24.335	1.023	
1/13/2017 12:00:00 AM	93600.000	71.760	17.365
161.646	41097.672	48114.230	31.552
32.718	24.332	1.023	
1/13/2017 12:15:00 AM	94500.000	71.759	17.363
161.644	41058.094	48070.156	31.519
32.688	24.356	1.023	
1/13/2017 12:30:00 AM	95400.000	71.767	17.363
161.662	41098.199	48117.109	31.554
32.720	24.332	1.023	
1/13/2017 12:45:00 AM	96300.000	71.766	17.366
161.660	41039.527	48045.418	31.501
32.671	24.367	1.023	
1/13/2017 1:00:00 AM	97200.000	71.775	17.367
161.679	41041.473	48046.281	31.502
32.671	24.366	1.023	
1/13/2017 1:15:00 AM	98100.000	71.782	17.369
161.697	41032.410	48033.414	31.493
32.663	24.371	1.023	
1/13/2017 1:30:00 AM	99000.000	71.778	17.366
161.686	41130.730	48151.621	31.579
32.743	24.313	1.023	
1/13/2017 1:45:00 AM	99900.000	71.782	17.370
161.697	41065.254	48070.367	31.520
32.688	24.351	1.023	
1/13/2017 2:00:00 AM	100800.000	71.778	17.365
161.687	41062.035	48072.789	31.521
32.689	24.353	1.023	
1/13/2017 2:15:00 AM	101700.000	71.775	17.370
161.679	41083.254	48092.273	31.536
32.703	24.341	1.023	
1/13/2017 2:30:00 AM	102600.000	71.779	17.363
161.689	41030.258	48037.188	31.495
32.665	24.372	1.023	
1/13/2017 2:45:00 AM	103500.000	71.756	17.357
161.638	41079.883	48102.137	31.542
32.709	24.343	1.023	
1/13/2017 3:00:00 AM	104400.000	71.772	17.370
161.673	41101.668	48112.992	31.551
32.717	24.330	1.023	
1/13/2017 3:15:00 AM	105300.000	71.773	17.370

161.675	41077.836	48085.367	31.531
32.698	24.344	1.023	
1/13/2017 3:30:00 AM	106200.000	71.769	17.364
161.668	41026.633	48032.375	31.492
32.662	24.374	1.023	
1/13/2017 3:45:00 AM	107100.000	71.765	17.367
161.657	41030.535	48032.824	31.492
32.662	24.372	1.023	
1/13/2017 4:00:00 AM	108000.000	71.765	17.367
161.659	41064.430	48073.156	31.522
32.690	24.352	1.023	
1/13/2017 4:15:00 AM	108900.000	71.756	17.369
161.637	41114.906	48130.363	31.564
32.729	24.322	1.023	
1/13/2017 4:30:00 AM	109800.000	71.759	17.357
161.644	41102.277	48127.797	31.561
32.727	24.330	1.023	
1/13/2017 4:45:00 AM	110700.000	71.753	17.361
161.630	41103.719	48125.539	31.560
32.725	24.329	1.023	
1/13/2017 5:00:00 AM	111600.000	71.754	17.373
161.633	41089.285	48095.199	31.538
32.705	24.337	1.023	
1/13/2017 5:15:00 AM	112500.000	71.739	17.362
161.600	41134.961	48160.902	31.586
32.749	24.310	1.023	
1/13/2017 5:30:00 AM	113400.000	71.752	17.369
161.628	41142.711	48162.344	31.587
32.750	24.306	1.023	
1/13/2017 5:45:00 AM	114300.000	71.748	17.361
161.620	41125.691	48150.988	31.578
32.743	24.316	1.023	
1/13/2017 6:00:00 AM	115200.000	71.758	17.364
161.643	41102.340	48120.730	31.556
32.722	24.330	1.023	
1/13/2017 6:15:00 AM	116100.000	71.748	17.372
161.619	41072.262	48076.785	31.525
32.692	24.347	1.023	
1/13/2017 6:30:00 AM	117000.000	71.748	17.364
161.620	41125.664	48147.758	31.576
32.740	24.316	1.023	
1/13/2017 6:45:00 AM	117900.000	71.753	17.376
161.630	41071.188	48071.215	31.521
32.688	24.348	1.023	
1/13/2017 7:00:00 AM	118800.000	71.760	17.370
161.646	41087.641	48096.656	31.539
32.706	24.338	1.023	
1/13/2017 7:15:00 AM	119700.000	71.753	17.368
161.630	41038.215	48041.438	31.499
32.668	24.368	1.023	
1/13/2017 7:30:00 AM	120600.000	71.763	17.369
161.654	41059.906	48065.234	31.516
32.684	24.355	1.023	
1/13/2017 7:45:00 AM	121500.000	71.767	17.361
161.661	41058.219	48071.703	31.520

32.689	24.356	1.023	
1/13/2017 8:00:00 AM	122400.000	71.772	17.364
161.673	41100.906	48119.234	31.555
32.721	24.330	1.023	
1/13/2017 8:15:00 AM	123300.000	71.779	17.364
161.689	41092.105	48108.473	31.547
32.714	24.336	1.023	
1/13/2017 8:30:00 AM	124200.000	71.791	17.362
161.716	41040.852	48050.531	31.505
32.674	24.366	1.023	
1/13/2017 8:45:00 AM	125100.000	71.800	17.368
161.736	41070.234	48079.203	31.526
32.694	24.349	1.023	
1/13/2017 9:00:00 AM	126000.000	71.809	17.369
161.758	41071.898	48079.828	31.527
32.694	24.348	1.023	
1/13/2017 9:15:00 AM	126900.000	71.821	17.367
161.784	41039.117	48043.523	31.500
32.670	24.367	1.023	
1/13/2017 9:30:00 AM	127800.000	71.834	17.363
161.813	41055.816	48067.676	31.517
32.686	24.357	1.023	
1/13/2017 9:45:00 AM	128700.000	71.850	17.365
161.848	41012.008	48013.289	31.478
32.649	24.383	1.023	
1/13/2017 10:00:00 AM	129600.000	71.853	17.362
161.855	41057.063	48069.512	31.519
32.687	24.356	1.023	
1/13/2017 10:15:00 AM	130500.000	71.869	17.366
161.891	41050.480	48057.574	31.510
32.679	24.360	1.023	
1/13/2017 10:30:00 AM	131400.000	71.874	17.369
161.902	41052.879	48057.008	31.510
32.679	24.359	1.023	
1/13/2017 10:45:00 AM	132300.000	71.887	17.363
161.933	41074.422	48088.793	31.533
32.700	24.346	1.023	
1/13/2017 11:00:00 AM	133200.000	71.898	17.364
161.956	41065.758	48077.902	31.525
32.693	24.351	1.023	
1/13/2017 11:15:00 AM	134100.000	71.900	17.370
161.961	41080.926	48089.469	31.534
32.701	24.342	1.023	
1/13/2017 11:30:00 AM	135000.000	71.905	17.359
161.974	41029.297	48040.004	31.497
32.667	24.373	1.023	
1/13/2017 11:45:00 AM	135900.000	71.908	17.368
161.980	41020.422	48020.320	31.483
32.654	24.378	1.023	
1/13/2017 12:00:00 PM	136800.000	71.908	17.359
161.980	41072.836	48091.168	31.534
32.702	24.347	1.023	
1/13/2017 12:15:00 PM	137700.000	71.911	17.362
161.987	41054.023	48066.699	31.517
32.685	24.358	1.023	

1/13/2017 12:30:00 PM	138600.000	71.925	17.367
162.017	41111.223	48127.840	31.562
32.727	24.324	1.023	
1/13/2017 12:45:00 PM	139500.000	71.915	17.363
161.994	41121.590	48144.574	31.574
32.738	24.318	1.023	
1/13/2017 1:00:00 PM	140400.000	71.915	17.368
161.994	41012.129	48010.523	31.476
32.647	24.383	1.023	
1/13/2017 1:15:00 PM	141300.000	71.911	17.368
161.987	41098.773	48112.609	31.551
32.717	24.332	1.023	
1/13/2017 1:30:00 PM	142200.000	71.905	17.367
161.974	41027.512	48029.840	31.490
32.660	24.374	1.023	
1/13/2017 1:45:00 PM	143100.000	71.903	17.375
161.968	41093.621	48098.316	31.541
32.707	24.335	1.023	
1/13/2017 2:00:00 PM	144000.000	71.887	17.370
161.933	41079.504	48087.699	31.533
32.700	24.343	1.023	
1/13/2017 2:15:00 PM	144900.000	71.880	17.371
161.916	41125.348	48140.336	31.571
32.735	24.316	1.023	
1/13/2017 2:30:00 PM	145800.000	71.869	17.367
161.893	41087.293	48099.922	31.541
32.708	24.338	1.023	
1/13/2017 2:45:00 PM	146700.000	71.861	17.370
161.873	41063.316	48068.664	31.519
32.687	24.353	1.023	
1/13/2017 3:00:00 PM	147600.000	71.846	17.357
161.840	41130.363	48160.590	31.585
32.749	24.313	1.023	
1/13/2017 3:15:00 PM	148500.000	71.830	17.369
161.805	41119.629	48135.809	31.568
32.732	24.319	1.023	
1/13/2017 3:30:00 PM	149400.000	71.817	17.366
161.774	41095.230	48109.684	31.548
32.715	24.334	1.023	
1/13/2017 3:45:00 PM	150300.000	71.806	17.369
161.750	41131.738	48150.156	31.578
32.742	24.312	1.023	
1/13/2017 4:00:00 PM	151200.000	71.785	17.356
161.702	41039.105	48055.055	31.508
32.677	24.367	1.023	
1/13/2017 4:15:00 PM	152100.000	71.769	17.365
161.668	41070.133	48081.523	31.528
32.695	24.349	1.023	
1/13/2017 4:30:00 PM	153000.000	71.756	17.369
161.637	41136.563	48155.336	31.582
32.746	24.309	1.023	
1/13/2017 4:45:00 PM	153900.000	71.747	17.365
161.618	41020.348	48023.520	31.485
32.656	24.378	1.023	
1/13/2017 5:00:00 PM	154800.000	71.730	17.364

161.580	41065.477	48077.297	31.525
32.693	24.351	1.023	
1/13/2017 5:15:00 PM	155700.000	71.710	17.367
161.534	41076.648	48087.742	31.532
32.700	24.345	1.023	
1/13/2017 5:30:00 PM	156600.000	71.702	17.364
161.515	41103.859	48122.414	31.558
32.723	24.329	1.023	
1/13/2017 5:45:00 PM	157500.000	71.692	17.363
161.492	41103.375	48122.977	31.558
32.724	24.329	1.023	
1/13/2017 6:00:00 PM	158400.000	71.673	17.365
161.450	41117.297	48137.398	31.569
32.733	24.321	1.023	
1/13/2017 6:15:00 PM	159300.000	71.658	17.364
161.416	41073.883	48086.852	31.532
32.699	24.346	1.023	
1/13/2017 6:30:00 PM	160200.000	71.654	17.363
161.409	41028.168	48034.641	31.493
32.664	24.373	1.023	
1/13/2017 6:45:00 PM	161100.000	71.639	17.363
161.373	41023.809	48029.637	31.490
32.660	24.376	1.023	
1/13/2017 7:00:00 PM	162000.000	71.625	17.366
161.342	41067.539	48077.457	31.525
32.693	24.350	1.023	
1/13/2017 7:15:00 PM	162900.000	71.616	17.372
161.323	41105.254	48115.500	31.553
32.719	24.328	1.023	
1/13/2017 7:30:00 PM	163800.000	71.610	17.370
161.309	41041.254	48043.109	31.500
32.669	24.366	1.023	
1/13/2017 7:45:00 PM	164700.000	71.611	17.366
161.312	41066.738	48076.984	31.524
32.692	24.351	1.023	
1/13/2017 8:00:00 PM	165600.000	71.605	17.372
161.298	41047.633	48047.672	31.503
32.672	24.362	1.023	
1/13/2017 8:15:00 PM	166500.000	71.603	17.370
161.292	41093.117	48103.820	31.544
32.711	24.335	1.023	
1/13/2017 8:30:00 PM	167400.000	71.597	17.364
161.280	41046.371	48055.387	31.509
32.678	24.363	1.023	
1/13/2017 8:45:00 PM	168300.000	71.595	17.364
161.275	41074.406	48088.027	31.532
32.700	24.346	1.023	
1/13/2017 9:00:00 PM	169200.000	71.604	17.367
161.295	41054.352	48061.063	31.513
32.682	24.358	1.023	
1/13/2017 9:15:00 PM	170100.000	71.600	17.360
161.285	41051.164	48064.762	31.515
32.684	24.360	1.023	
1/13/2017 9:30:00 PM	171000.000	71.602	17.371
161.291	41106.379	48118.129	31.555

32.720	24.327	1.023	
1/13/2017 9:45:00 PM	171900.000	71.606	17.363
161.298	41070.930	48085.371	31.530
32.698	24.348	1.023	
1/13/2017 10:00:00 PM	172800.000	71.610	17.368
161.309	41059.438	48066.184	31.517
32.685	24.355	1.023	
1/13/2017 10:15:00 PM	173700.000	71.616	17.363
161.323	41073.199	48087.086	31.532
32.699	24.347	1.023	
1/13/2017 10:30:00 PM	174600.000	71.627	17.363
161.347	41019.055	48024.258	31.486
32.656	24.379	1.023	
1/13/2017 10:45:00 PM	175500.000	71.635	17.364
161.364	41097.910	48115.637	31.553
32.719	24.332	1.023	
1/13/2017 11:00:00 PM	176400.000	71.634	17.370
161.362	41114.977	48129.137	31.563
32.728	24.322	1.023	
1/13/2017 11:15:00 PM	177300.000	71.653	17.367
161.406	41070.254	48079.789	31.527
32.694	24.349	1.023	
1/13/2017 11:30:00 PM	178200.000	71.654	17.364
161.407	41039.469	48047.215	31.503
32.672	24.367	1.023	
1/13/2017 11:45:00 PM	179100.000	71.669	17.362
161.441	41134.266	48159.711	31.585
32.749	24.311	1.023	
1/14/2017 12:00:00 AM	180000.000	71.677	17.359
161.459	41094.316	48116.133	31.553
32.719	24.334	1.023	
1/14/2017 12:15:00 AM	180900.000	71.694	17.364
161.498	41059.906	48071.051	31.520
32.688	24.355	1.023	
1/14/2017 12:30:00 AM	181800.000	71.702	17.362
161.515	41097.121	48116.598	31.553
32.719	24.333	1.023	
1/14/2017 12:45:00 AM	182700.000	71.696	17.368
161.502	41090.578	48102.824	31.543
32.710	24.336	1.023	
1/14/2017 1:00:00 AM	183600.000	71.710	17.365
161.534	41099.332	48115.988	31.553
32.719	24.331	1.023	
1/14/2017 1:15:00 AM	184500.000	71.714	17.362
161.542	41055.516	48067.973	31.518
32.686	24.357	1.023	
1/14/2017 1:30:00 AM	185400.000	71.722	17.367
161.561	41061.508	48069.551	31.519
32.687	24.354	1.023	
1/14/2017 1:45:00 AM	186300.000	71.721	17.371
161.559	41137.676	48154.199	31.581
32.745	24.309	1.023	
1/14/2017 2:00:00 AM	187200.000	71.728	17.365
161.573	41089.063	48104.242	31.544
32.711	24.337	1.023	

1/14/2017 2:15:00 AM	188100.000	71.737	17.361
161.594	41121.348	48145.715	31.574
32.739	24.318	1.023	
1/14/2017 2:30:00 AM	189000.000	71.735	17.370
161.590	41097.094	48107.910	31.547
32.713	24.333	1.023	
1/14/2017 2:45:00 AM	189900.000	71.732	17.368
161.584	41065.043	48073.031	31.522
32.690	24.352	1.023	
1/14/2017 3:00:00 AM	190800.000	71.737	17.366
161.594	41061.109	48069.930	31.519
32.688	24.354	1.023	
1/14/2017 3:15:00 AM	191700.000	71.740	17.365
161.601	41089.684	48104.414	31.544
32.711	24.337	1.023	
1/14/2017 3:30:00 AM	192600.000	71.732	17.365
161.584	41060.605	48070.836	31.520
32.688	24.354	1.023	
1/14/2017 3:45:00 AM	193500.000	71.728	17.372
161.573	41030.672	48027.633	31.489
32.659	24.372	1.023	
1/14/2017 4:00:00 AM	194400.000	71.733	17.365
161.586	41068.332	48079.328	31.526
32.694	24.350	1.023	
1/14/2017 4:15:00 AM	195300.000	71.730	17.367
161.580	41081.055	48092.902	31.536
32.703	24.342	1.023	
1/14/2017 4:30:00 AM	196200.000	71.725	17.368
161.568	41052.094	48057.020	31.510
32.679	24.359	1.023	
1/14/2017 4:45:00 AM	197100.000	71.715	17.380
161.545	41067.789	48062.547	31.515
32.683	24.350	1.023	
1/14/2017 5:00:00 AM	198000.000	71.724	17.370
161.565	41089.051	48098.789	31.541
32.707	24.337	1.023	
1/14/2017 5:15:00 AM	198900.000	71.715	17.366
161.546	41102.219	48118.055	31.555
32.720	24.330	1.023	
1/14/2017 5:30:00 AM	199800.000	71.712	17.364
161.539	41062.352	48074.285	31.522
32.691	24.353	1.023	
1/14/2017 5:45:00 AM	200700.000	71.717	17.357
161.548	41028.102	48040.852	31.498
32.668	24.374	1.023	
1/14/2017 6:00:00 AM	201600.000	71.716	17.367
161.547	41082.770	48094.629	31.537
32.704	24.341	1.023	
1/14/2017 6:15:00 AM	202500.000	71.711	17.366
161.537	41094.777	48109.156	31.548
32.714	24.334	1.023	
1/14/2017 6:30:00 AM	203400.000	71.705	17.363
161.523	41101.387	48120.648	31.556
32.722	24.330	1.023	
1/14/2017 6:45:00 AM	204300.000	71.714	17.361

161.542	41087.734	48106.359	31.546
32.712	24.338	1.023	
1/14/2017 7:00:00 AM	205200.000	71.712	17.359
161.538	41025.715	48036.645	31.495
32.665	24.375	1.023	
1/14/2017 7:15:00 AM	206100.000	71.705	17.373
161.523	41157.969	48175.973	31.597
32.760	24.297	1.023	
1/14/2017 7:30:00 AM	207000.000	71.705	17.362
161.523	41048.590	48060.242	31.512
32.681	24.361	1.023	
1/14/2017 7:45:00 AM	207900.000	71.715	17.361
161.546	41124.855	48150.285	31.578
32.742	24.316	1.023	
1/14/2017 8:00:00 AM	208800.000	71.724	17.361
161.565	41095.215	48115.770	31.553
32.719	24.334	1.023	
1/14/2017 8:15:00 AM	209700.000	71.720	17.365
161.556	41041.484	48048.645	31.504
32.673	24.366	1.023	
1/14/2017 8:30:00 AM	210600.000	71.728	17.367
161.575	41114.047	48131.527	31.564
32.729	24.323	1.023	
1/14/2017 8:45:00 AM	211500.000	71.736	17.363
161.593	41113.668	48134.652	31.566
32.732	24.323	1.023	
1/14/2017 9:00:00 AM	212400.000	71.745	17.361
161.613	41088.961	48107.980	31.547
32.713	24.337	1.023	
1/14/2017 9:15:00 AM	213300.000	71.741	17.374
161.605	41088.414	48093.723	31.537
32.704	24.338	1.023	
1/14/2017 9:30:00 AM	214200.000	71.762	17.371
161.652	41084.465	48092.586	31.536
32.703	24.340	1.023	
1/14/2017 9:45:00 AM	215100.000	71.764	17.365
161.655	41046.086	48053.371	31.507
32.676	24.363	1.023	
1/14/2017 10:00:00 AM	216000.000	71.772	17.365
161.673	41075.348	48088.477	31.533
32.700	24.346	1.023	
1/14/2017 10:15:00 AM	216900.000	71.790	17.370
161.715	41056.785	48060.645	31.513
32.681	24.357	1.023	
1/14/2017 10:30:00 AM	217800.000	71.791	17.367
161.716	41058.961	48066.461	31.517
32.685	24.355	1.023	
1/14/2017 10:45:00 AM	218700.000	71.807	17.359
161.752	41067.344	48084.930	31.530
32.698	24.350	1.023	
1/14/2017 11:00:00 AM	219600.000	71.816	17.366
161.773	41111.363	48128.762	31.562
32.728	24.324	1.023	
1/14/2017 11:15:00 AM	220500.000	71.832	17.367
161.808	41154.516	48178.430	31.599

32.761	24.299	1.023	
1/14/2017 11:30:00 AM	221400.000	71.842	17.362
161.832	41100.152	48120.422	31.556
32.722	24.331	1.023	
1/14/2017 11:45:00 AM	222300.000	71.846	17.371
161.840	41058.293	48061.195	31.513
32.682	24.356	1.023	
1/14/2017 12:00:00 PM	223200.000	71.856	17.364
161.863	41120.578	48141.520	31.572
32.736	24.319	1.023	
1/14/2017 12:15:00 PM	224100.000	71.860	17.364
161.872	41055.332	48065.695	31.516
32.685	24.357	1.023	
1/14/2017 12:30:00 PM	225000.000	71.869	17.367
161.891	41095.574	48109.430	31.548
32.714	24.334	1.023	
1/14/2017 12:45:00 PM	225900.000	71.870	17.365
161.894	41058.848	48068.410	31.518
32.687	24.355	1.023	
1/14/2017 1:00:00 PM	226800.000	71.871	17.365
161.895	41027.262	48031.891	31.491
32.662	24.374	1.023	
1/14/2017 1:15:00 PM	227700.000	71.870	17.370
161.894	41030.023	48029.777	31.490
32.660	24.372	1.023	
1/14/2017 1:30:00 PM	228600.000	71.876	17.373
161.907	41041.051	48039.594	31.498
32.667	24.366	1.023	
1/14/2017 1:45:00 PM	229500.000	71.872	17.370
161.898	41032.160	48031.898	31.492
32.662	24.371	1.023	
1/14/2017 2:00:00 PM	230400.000	71.860	17.370
161.872	41076.082	48082.938	31.529
32.696	24.345	1.023	
1/14/2017 2:15:00 PM	231300.000	71.864	17.364
161.880	41062.398	48074.250	31.522
32.690	24.353	1.023	
1/14/2017 2:30:00 PM	232200.000	71.861	17.368
161.873	41048.301	48053.332	31.507
32.676	24.362	1.023	
1/14/2017 2:45:00 PM	233100.000	71.845	17.370
161.838	41105.125	48116.934	31.554
32.720	24.328	1.023	
1/14/2017 3:00:00 PM	234000.000	71.838	17.362
161.822	41031.895	48040.695	31.498
32.668	24.371	1.023	
1/14/2017 3:15:00 PM	234900.000	71.827	17.362
161.797	41103.258	48124.055	31.559
32.724	24.329	1.023	
1/14/2017 3:30:00 PM	235800.000	71.813	17.375
161.765	41073.219	48074.625	31.523
32.691	24.347	1.023	
1/14/2017 3:45:00 PM	236700.000	71.806	17.367
161.751	41068.309	48077.699	31.525
32.693	24.350	1.023	

1/14/2017 4:00:00 PM	237600.000	71.798	17.364
161.732	41088.418	48104.613	31.545
32.711	24.338	1.023	
1/14/2017 4:15:00 PM	238500.000	71.784	17.368
161.700	41066.293	48074.492	31.523
32.691	24.351	1.023	
1/14/2017 4:30:00 PM	239400.000	71.765	17.366
161.659	41042.367	48048.078	31.503
32.673	24.365	1.023	
1/14/2017 4:45:00 PM	240300.000	71.754	17.370
161.633	41105.453	48117.695	31.554
32.720	24.328	1.023	
1/14/2017 5:00:00 PM	241200.000	71.741	17.363
161.603	41075.910	48090.445	31.534
32.702	24.345	1.023	
1/14/2017 5:15:00 PM	242100.000	71.733	17.363
161.586	41088.879	48106.465	31.546
32.712	24.337	1.023	
1/14/2017 5:30:00 PM	243000.000	71.713	17.365
161.540	41081.766	48095.422	31.538
32.705	24.342	1.023	
1/14/2017 5:45:00 PM	243900.000	71.700	17.369
161.511	41090.125	48100.512	31.542
32.708	24.337	1.023	
1/14/2017 6:00:00 PM	244800.000	71.687	17.371
161.482	41084.648	48091.859	31.536
32.702	24.340	1.023	
1/14/2017 6:15:00 PM	245700.000	71.679	17.364
161.464	41045.660	48053.996	31.508
32.677	24.363	1.023	
1/14/2017 6:30:00 PM	246600.000	71.667	17.360
161.437	41128.340	48155.594	31.582
32.746	24.314	1.023	
1/14/2017 6:45:00 PM	247500.000	71.656	17.362
161.412	41044.527	48055.023	31.508
32.677	24.364	1.023	
1/14/2017 7:00:00 PM	248400.000	71.635	17.363
161.366	41059.563	48071.211	31.520
32.688	24.355	1.023	
1/14/2017 7:15:00 PM	249300.000	71.629	17.373
161.352	41114.703	48125.059	31.560
32.725	24.322	1.023	
1/14/2017 7:30:00 PM	250200.000	71.628	17.365
161.348	41095.449	48111.074	31.549
32.716	24.334	1.023	
1/14/2017 7:45:00 PM	251100.000	71.606	17.360
161.298	41079.727	48098.016	31.540
32.707	24.343	1.023	
1/14/2017 8:00:00 PM	252000.000	71.605	17.362
161.298	41097.672	48117.805	31.554
32.720	24.332	1.023	
1/14/2017 8:15:00 PM	252900.000	71.603	17.367
161.292	41104.090	48118.934	31.555
32.721	24.328	1.023	
1/14/2017 8:30:00 PM	253800.000	71.595	17.363

161.275	41093.387	48111.367	31.549
32.716	24.335	1.023	
1/14/2017 8:45:00 PM	254700.000	71.596	17.359
161.277	41069.586	48087.555	31.532
32.700	24.349	1.023	
1/14/2017 9:00:00 PM	255600.000	71.593	17.361
161.271	41093.855	48113.711	31.551
32.717	24.335	1.023	
1/14/2017 9:15:00 PM	256500.000	71.584	17.368
161.251	41124.398	48141.852	31.572
32.736	24.316	1.023	
1/14/2017 9:30:00 PM	257400.000	71.592	17.361
161.268	41031.617	48040.559	31.498
32.668	24.371	1.023	
1/14/2017 9:45:00 PM	258300.000	71.593	17.362
161.270	41107.645	48129.191	31.562
32.728	24.326	1.023	
1/14/2017 10:00:00 PM	259200.000	71.595	17.361
161.274	41116.047	48140.258	31.570
32.735	24.321	1.023	
1/14/2017 10:15:00 PM	260100.000	71.599	17.367
161.284	41033.273	48036.871	31.495
32.665	24.370	1.023	
1/14/2017 10:30:00 PM	261000.000	71.605	17.364
161.297	41123.633	48145.098	31.574
32.739	24.317	1.023	
1/14/2017 10:45:00 PM	261900.000	71.605	17.365
161.298	41145.340	48169.754	31.592
32.755	24.304	1.023	
1/14/2017 11:00:00 PM	262800.000	71.609	17.375
161.306	41067.879	48068.840	31.519
32.687	24.350	1.023	
1/14/2017 11:15:00 PM	263700.000	71.618	17.367
161.326	41082.289	48094.445	31.537
32.704	24.341	1.023	
1/14/2017 11:30:00 PM	264600.000	71.626	17.359
161.345	41126.320	48153.793	31.580
32.745	24.315	1.023	
1/14/2017 11:45:00 PM	265500.000	71.630	17.368
161.354	41100.363	48113.527	31.551
32.717	24.331	1.023	
1/15/2017 12:00:00 AM	266400.000	71.639	17.367
161.373	41130.961	48150.668	31.578
32.742	24.313	1.023	
1/15/2017 12:15:00 AM	267300.000	71.652	17.366
161.403	41076.676	48088.617	31.533
32.700	24.345	1.023	
1/15/2017 12:30:00 AM	268200.000	71.668	17.364
161.439	41099.172	48117.203	31.554
32.720	24.331	1.023	
1/15/2017 12:45:00 AM	269100.000	71.674	17.370
161.452	41058.262	48062.078	31.514
32.682	24.356	1.023	
1/15/2017 1:00:00 AM	270000.000	71.683	17.365
161.472	41041.918	48049.238	31.504

32.673	24.365	1.023	
1/15/2017 1:15:00 AM	270900.000	71.688	17.368
161.483	41078.672	48088.223	31.533
32.700	24.344	1.023	
1/15/2017 1:30:00 AM	271800.000	71.705	17.363
161.523	41072.324	48086.816	31.531
32.699	24.347	1.023	
1/15/2017 1:45:00 AM	272700.000	71.702	17.370
161.517	41088.156	48097.176	31.539
32.706	24.338	1.023	
1/15/2017 2:00:00 AM	273600.000	71.712	17.362
161.538	41053.758	48065.914	31.516
32.685	24.358	1.023	
1/15/2017 2:15:00 AM	274500.000	71.717	17.359
161.548	41103.066	48127.215	31.561
32.727	24.329	1.023	
1/15/2017 2:30:00 AM	275400.000	71.725	17.360
161.567	41093.719	48115.059	31.552
32.718	24.335	1.023	
1/15/2017 2:45:00 AM	276300.000	71.725	17.358
161.568	41075.219	48095.832	31.538
32.705	24.346	1.023	
1/15/2017 3:00:00 AM	277200.000	71.725	17.362
161.568	41141.234	48168.059	31.591
32.754	24.307	1.023	
1/15/2017 3:15:00 AM	278100.000	71.728	17.360
161.575	41097.613	48119.238	31.555
32.721	24.332	1.023	
1/15/2017 3:30:00 AM	279000.000	71.727	17.363
161.573	41091.969	48109.340	31.548
32.714	24.336	1.023	
1/15/2017 3:45:00 AM	279900.000	71.728	17.361
161.573	41078.793	48096.734	31.539
32.706	24.343	1.023	
1/15/2017 4:00:00 AM	280800.000	71.732	17.359
161.584	41075.273	48094.672	31.537
32.704	24.346	1.023	
1/15/2017 4:15:00 AM	281700.000	71.730	17.365
161.580	41042.672	48049.559	31.504
32.674	24.365	1.023	
1/15/2017 4:30:00 AM	282600.000	71.733	17.367
161.586	41080.207	48091.719	31.535
32.702	24.343	1.023	
1/15/2017 4:45:00 AM	283500.000	71.721	17.358
161.559	41034.816	48048.059	31.503
32.673	24.370	1.023	
1/15/2017 5:00:00 AM	284400.000	71.727	17.361
161.573	41137.340	48164.816	31.588
32.752	24.309	1.023	
1/15/2017 5:15:00 AM	285300.000	71.712	17.368
161.538	41055.543	48061.348	31.513
32.682	24.357	1.023	
1/15/2017 5:30:00 AM	286200.000	71.711	17.366
161.537	41098.555	48113.855	31.551
32.717	24.332	1.023	

1/15/2017 5:45:00 AM	287100.000	71.717	17.365
161.548	41112.695	48132.012	31.565
32.730	24.323	1.023	
1/15/2017 6:00:00 AM	288000.000	71.710	17.367
161.534	41047.395	48052.840	31.507
32.676	24.362	1.023	
1/15/2017 6:15:00 AM	288900.000	71.710	17.365
161.534	41104.684	48121.785	31.557
32.723	24.328	1.023	
1/15/2017 6:30:00 AM	289800.000	71.710	17.359
161.534	41073.918	48093.086	31.536
32.703	24.346	1.023	
1/15/2017 6:45:00 AM	290700.000	71.700	17.368
161.511	41069.172	48077.199	31.525
32.692	24.349	1.023	
1/15/2017 7:00:00 AM	291600.000	71.709	17.371
161.532	41079.719	48086.844	31.532
32.699	24.343	1.023	
1/15/2017 7:15:00 AM	292500.000	71.700	17.360
161.511	41060.141	48075.082	31.523
32.691	24.355	1.023	
1/15/2017 7:30:00 AM	293400.000	71.682	17.363
161.471	41062.926	48075.148	31.523
32.691	24.353	1.023	
1/15/2017 7:45:00 AM	294300.000	71.705	17.367
161.523	41044.898	48050.480	31.505
32.674	24.364	1.023	
1/15/2017 8:00:00 AM	295200.000	71.692	17.367
161.493	41132.086	48151.984	31.579
32.743	24.312	1.023	
1/15/2017 8:15:00 AM	296100.000	71.684	17.365
161.475	41104.543	48122.656	31.558
32.723	24.328	1.023	
1/15/2017 8:30:00 AM	297000.000	71.692	17.359
161.493	41109.867	48134.988	31.566
32.732	24.325	1.023	
1/15/2017 8:45:00 AM	297900.000	71.696	17.367
161.502	41067.254	48076.277	31.524
32.692	24.350	1.023	
1/15/2017 9:00:00 AM	298800.000	71.696	17.368
161.502	41140.234	48161.055	31.586
32.750	24.307	1.023	
1/15/2017 9:15:00 AM	299700.000	71.706	17.361
161.524	41053.574	48066.363	31.516
32.685	24.358	1.023	
1/15/2017 9:30:00 AM	300600.000	71.710	17.368
161.534	41130.262	48148.906	31.577
32.741	24.313	1.023	
1/15/2017 9:45:00 AM	301500.000	71.712	17.362
161.538	41117.547	48140.137	31.570
32.735	24.321	1.023	
1/15/2017 10:00:00 AM	302400.000	71.725	17.372
161.568	41081.586	48087.609	31.533
32.700	24.342	1.023	
1/15/2017 10:15:00 AM	303300.000	71.728	17.369

161.575	41038.680	48040.563	31.498
32.668	24.367	1.023	
1/15/2017 10:30:00 AM	304200.000	71.736	17.360
161.591	41099.039	48121.184	31.556
32.722	24.331	1.023	
1/15/2017 10:45:00 AM	305100.000	71.743	17.362
161.609	41075.375	48090.844	31.534
32.702	24.345	1.023	
1/15/2017 11:00:00 AM	306000.000	71.748	17.367
161.619	41076.754	48087.867	31.532
32.700	24.345	1.023	
1/15/2017 11:15:00 AM	306900.000	71.765	17.363
161.657	41054.242	48065.266	31.516
32.684	24.358	1.023	
1/15/2017 11:30:00 AM	307800.000	71.776	17.368
161.682	41059.523	48065.906	31.516
32.685	24.355	1.023	
1/15/2017 11:45:00 AM	308700.000	71.783	17.366
161.698	41116.727	48135.602	31.567
32.732	24.321	1.023	
1/15/2017 12:00:00 PM	309600.000	71.791	17.366
161.716	41074.047	48085.352	31.531
32.698	24.346	1.023	
1/15/2017 12:15:00 PM	310500.000	71.807	17.360
161.752	41084.305	48103.375	31.543
32.710	24.340	1.023	
1/15/2017 12:30:00 PM	311400.000	71.811	17.364
161.761	41051.266	48060.469	31.512
32.681	24.360	1.023	
1/15/2017 12:45:00 PM	312300.000	71.813	17.356
161.765	41049.168	48066.918	31.517
32.686	24.361	1.023	
1/15/2017 1:00:00 PM	313200.000	71.813	17.364
161.766	41078.656	48092.727	31.536
32.703	24.344	1.023	
1/15/2017 1:15:00 PM	314100.000	71.824	17.367
161.790	41045.641	48050.867	31.505
32.675	24.363	1.023	
1/15/2017 1:30:00 PM	315000.000	71.824	17.373
161.790	41058.059	48058.840	31.512
32.680	24.356	1.023	
1/15/2017 1:45:00 PM	315900.000	71.830	17.363
161.804	41025.910	48031.719	31.491
32.662	24.375	1.023	
1/15/2017 2:00:00 PM	316800.000	71.838	17.368
161.822	41052.738	48058.250	31.511
32.680	24.359	1.023	
1/15/2017 2:15:00 PM	317700.000	71.834	17.366
161.813	41074.676	48086.566	31.531
32.699	24.346	1.023	
1/15/2017 2:30:00 PM	318600.000	71.833	17.361
161.811	41038.563	48048.973	31.504
32.673	24.367	1.023	
1/15/2017 2:45:00 PM	319500.000	71.815	17.371
161.769	41093.277	48102.418	31.543

32.710	24.335	1.023	
1/15/2017 3:00:00 PM	320400.000	71.799	17.357
161.735	41121.105	48149.652	31.577
32.742	24.318	1.023	
1/15/2017 3:15:00 PM	321300.000	71.809	17.368
161.757	41088.332	48100.195	31.542
32.708	24.338	1.023	
1/15/2017 3:30:00 PM	322200.000	71.807	17.358
161.753	41058.051	48075.453	31.523
32.691	24.356	1.023	
1/15/2017 3:45:00 PM	323100.000	71.799	17.366
161.733	41058.051	48066.438	31.517
32.685	24.356	1.023	
1/15/2017 4:00:00 PM	324000.000	71.784	17.365
161.701	41100.953	48117.789	31.554
32.720	24.330	1.023	
1/15/2017 4:15:00 PM	324900.000	71.779	17.366
161.689	41114.715	48132.961	31.565
32.730	24.322	1.023	
1/15/2017 4:30:00 PM	325800.000	71.775	17.360
161.681	41080.695	48099.055	31.540
32.707	24.342	1.023	
1/15/2017 4:45:00 PM	326700.000	71.767	17.364
161.662	41085.973	48101.848	31.542
32.709	24.339	1.023	
1/15/2017 5:00:00 PM	327600.000	71.748	17.372
161.620	41112.660	48124.262	31.559
32.724	24.323	1.023	
1/15/2017 5:15:00 PM	328500.000	71.741	17.366
161.605	41076.156	48088.012	31.533
32.700	24.345	1.023	
1/15/2017 5:30:00 PM	329400.000	71.740	17.364
161.601	41067.156	48079.629	31.526
32.694	24.350	1.023	
1/15/2017 5:45:00 PM	330300.000	71.717	17.358
161.549	41089.441	48111.828	31.549
32.716	24.337	1.023	
1/15/2017 6:00:00 PM	331200.000	71.707	17.365
161.527	41070.996	48082.906	31.529
32.696	24.348	1.023	
1/15/2017 6:15:00 PM	332100.000	71.690	17.365
161.490	41051.535	48059.566	31.512
32.681	24.360	1.023	
1/15/2017 6:30:00 PM	333000.000	71.677	17.366
161.460	41112.961	48130.441	31.564
32.729	24.323	1.023	
1/15/2017 6:45:00 PM	333900.000	71.667	17.364
161.437	41089.285	48104.883	31.545
32.711	24.337	1.023	
1/15/2017 7:00:00 PM	334800.000	71.663	17.358
161.428	41120.410	48148.559	31.576
32.741	24.319	1.023	
1/15/2017 7:15:00 PM	335700.000	71.649	17.366
161.397	41084.441	48097.711	31.540
32.706	24.340	1.023	

1/15/2017 7:30:00 PM	336600.000	71.633	17.366
161.360	41073.355	48085.020	31.530
32.698	24.347	1.023	
1/15/2017 7:45:00 PM	337500.000	71.627	17.363
161.348	41096.934	48115.629	31.553
32.719	24.333	1.023	
1/15/2017 8:00:00 PM	338400.000	71.618	17.366
161.326	41107.789	48124.766	31.559
32.725	24.326	1.023	
1/15/2017 8:15:00 PM	339300.000	71.617	17.368
161.324	41076.457	48086.203	31.531
32.699	24.345	1.023	
1/15/2017 8:30:00 PM	340200.000	71.590	17.361
161.262	41074.242	48090.563	31.534
32.702	24.346	1.023	
1/15/2017 8:45:00 PM	341100.000	71.604	17.364
161.294	41044.574	48053.281	31.507
32.676	24.364	1.023	
1/15/2017 9:00:00 PM	342000.000	71.603	17.363
161.293	41100.594	48119.246	31.555
32.721	24.331	1.023	
1/15/2017 9:15:00 PM	342900.000	71.595	17.367
161.274	41121.824	48140.250	31.571
32.735	24.318	1.023	
1/15/2017 9:30:00 PM	343800.000	71.596	17.370
161.277	41050.672	48054.133	31.508
32.677	24.360	1.023	
1/15/2017 9:45:00 PM	344700.000	71.592	17.362
161.268	41082.488	48099.363	31.541
32.708	24.341	1.023	
1/15/2017 10:00:00 PM	345600.000	71.599	17.363
161.284	41105.246	48125.629	31.560
32.725	24.328	1.023	
1/15/2017 10:15:00 PM	346500.000	71.592	17.364
161.268	41124.043	48145.766	31.575
32.739	24.317	1.023	
1/15/2017 10:30:00 PM	347400.000	71.603	17.365
161.293	41089.500	48104.945	31.545
32.711	24.337	1.023	
1/15/2017 10:45:00 PM	348300.000	71.593	17.362
161.269	41112.383	48134.930	31.567
32.732	24.324	1.023	
1/15/2017 11:00:00 PM	349200.000	71.599	17.367
161.284	41115.613	48133.457	31.566
32.731	24.322	1.023	
1/15/2017 11:15:00 PM	350100.000	71.604	17.364
161.296	41124.355	48146.875	31.575
32.740	24.316	1.023	
1/15/2017 11:30:00 PM	351000.000	71.609	17.362
161.306	41085.438	48102.730	31.543
32.710	24.340	1.023	
1/15/2017 11:45:00 PM	351900.000	71.620	17.367
161.331	41100.535	48115.613	31.553
32.719	24.331	1.023	
1/16/2017 12:00:00 AM	352800.000	71.627	17.362

161.347	41102.051	48122.742	31.558
32.723	24.330	1.023	
1/16/2017 12:15:00 AM	353700.000	71.630	17.370
161.354	41078.023	48085.586	31.531
32.698	24.344	1.023	
1/16/2017 12:30:00 AM	354600.000	71.645	17.358
161.388	41072.074	48091.492	31.535
32.702	24.347	1.023	
1/16/2017 12:45:00 AM	355500.000	71.658	17.362
161.417	41077.000	48092.746	31.536
32.703	24.345	1.023	
1/16/2017 1:00:00 AM	356400.000	71.670	17.360
161.443	41069.559	48086.391	31.531
32.699	24.349	1.023	
1/16/2017 1:15:00 AM	357300.000	71.673	17.366
161.450	41054.641	48062.543	31.514
32.683	24.358	1.023	
1/16/2017 1:30:00 AM	358200.000	71.672	17.364
161.447	41071.590	48084.168	31.530
32.697	24.348	1.023	
1/16/2017 1:45:00 AM	359100.000	71.692	17.363
161.494	41072.020	48085.980	31.531
32.698	24.347	1.023	
1/16/2017 2:00:00 AM	360000.000	71.706	17.367
161.524	41095.711	48109.125	31.548
32.714	24.333	1.023	
1/16/2017 2:15:00 AM	360900.000	71.710	17.357
161.534	41068.270	48088.641	31.532
32.700	24.350	1.023	
1/16/2017 2:30:00 AM	361800.000	71.717	17.369
161.548	41074.246	48082.684	31.529
32.696	24.346	1.023	
1/16/2017 2:45:00 AM	362700.000	71.721	17.368
161.559	41116.793	48133.137	31.566
32.731	24.321	1.023	
1/16/2017 3:00:00 AM	363600.000	71.732	17.371
161.584	41104.563	48115.250	31.553
32.718	24.328	1.023	
1/16/2017 3:15:00 AM	364500.000	71.737	17.365
161.594	41070.961	48083.051	31.529
32.696	24.348	1.023	
1/16/2017 3:30:00 AM	365400.000	71.742	17.368
161.606	41067.645	48076.168	31.524
32.692	24.350	1.023	
1/16/2017 3:45:00 AM	366300.000	71.750	17.358
161.625	41060.535	48078.641	31.525
32.693	24.354	1.023	
1/16/2017 4:00:00 AM	367200.000	71.749	17.365
161.623	41049.594	48057.660	31.510
32.679	24.361	1.023	
1/16/2017 4:15:00 AM	368100.000	71.747	17.362
161.617	41073.711	48089.652	31.533
32.701	24.346	1.023	
1/16/2017 4:30:00 AM	369000.000	71.752	17.362
161.628	41132.770	48158.230	31.584

32.748	24.312	1.023	
1/16/2017 4:45:00 AM	369900.000	71.744	17.363
161.611	41066.344	48079.707	31.526
32.694	24.351	1.023	
1/16/2017 5:00:00 AM	370800.000	71.748	17.373
161.619	41131.223	48144.477	31.574
32.738	24.312	1.023	
1/16/2017 5:15:00 AM	371700.000	71.750	17.364
161.623	41095.195	48112.367	31.550
32.716	24.334	1.023	
1/16/2017 5:30:00 AM	372600.000	71.747	17.354
161.617	41094.641	48121.957	31.557
32.723	24.334	1.023	
1/16/2017 5:45:00 AM	373500.000	71.745	17.369
161.614	41090.273	48101.066	31.542
32.709	24.337	1.023	
1/16/2017 6:00:00 AM	374400.000	71.740	17.358
161.602	41059.992	48077.438	31.524
32.693	24.355	1.023	
1/16/2017 6:15:00 AM	375300.000	71.734	17.360
161.588	41094.426	48115.691	31.552
32.719	24.334	1.023	
1/16/2017 6:30:00 AM	376200.000	71.736	17.361
161.591	41133.328	48160.121	31.585
32.749	24.311	1.023	
1/16/2017 6:45:00 AM	377100.000	71.732	17.359
161.584	41069.680	48087.559	31.532
32.700	24.349	1.023	
1/16/2017 7:00:00 AM	378000.000	71.725	17.363
161.567	41063.352	48075.645	31.523
32.691	24.353	1.023	
1/16/2017 7:15:00 AM	378900.000	71.721	17.363
161.559	41099.176	48117.875	31.554
32.720	24.331	1.023	
1/16/2017 7:30:00 AM	379800.000	71.720	17.364
161.556	41060.781	48071.699	31.520
32.689	24.354	1.023	
1/16/2017 7:45:00 AM	380700.000	71.711	17.357
161.537	41096.348	48121.227	31.556
32.722	24.333	1.023	
1/16/2017 8:00:00 AM	381600.000	71.715	17.365
161.546	41056.301	48065.332	31.516
32.684	24.357	1.023	
1/16/2017 8:15:00 AM	382500.000	71.713	17.364
161.540	41043.949	48052.273	31.506
32.676	24.364	1.023	
1/16/2017 8:30:00 AM	383400.000	71.717	17.357
161.548	41029.082	48042.090	31.498
32.669	24.373	1.023	
1/16/2017 8:45:00 AM	384300.000	71.711	17.362
161.537	41089.863	48107.727	31.547
32.713	24.337	1.023	
1/16/2017 9:00:00 AM	385200.000	71.715	17.367
161.546	41077.508	48088.656	31.533
32.700	24.344	1.023	

1/16/2017 9:15:00 AM	386100.000	71.712	17.364
161.538	41082.836	48098.176	31.540
32.707	24.341	1.023	
1/16/2017 9:30:00 AM	387000.000	71.715	17.358
161.546	41111.652	48137.648	31.568
32.734	24.324	1.023	
1/16/2017 9:45:00 AM	387900.000	71.724	17.367
161.565	41115.313	48132.070	31.565
32.730	24.322	1.023	
1/16/2017 10:00:00 AM	388800.000	71.725	17.363
161.567	41076.148	48090.629	31.534
32.702	24.345	1.023	
1/16/2017 10:15:00 AM	389700.000	71.725	17.370
161.568	41088.652	48098.137	31.540
32.707	24.338	1.023	
1/16/2017 10:30:00 AM	390600.000	71.725	17.367
161.568	41105.590	48121.434	31.557
32.723	24.328	1.023	
1/16/2017 10:45:00 AM	391500.000	71.727	17.365
161.572	41092.730	48108.637	31.548
32.714	24.335	1.023	
1/16/2017 11:00:00 AM	392400.000	71.742	17.370
161.606	41093.656	48103.613	31.544
32.710	24.335	1.023	
1/16/2017 11:15:00 AM	393300.000	71.741	17.358
161.605	41138.629	48169.699	31.592
32.755	24.308	1.023	
1/16/2017 11:30:00 AM	394200.000	71.755	17.367
161.635	41070.336	48080.070	31.527
32.694	24.348	1.023	
1/16/2017 11:45:00 AM	395100.000	71.759	17.369
161.644	41064.129	48071.012	31.520
32.688	24.352	1.023	
1/16/2017 12:00:00 PM	396000.000	71.765	17.362
161.659	41061.406	48074.598	31.522
32.691	24.354	1.023	
1/16/2017 12:15:00 PM	396900.000	71.775	17.363
161.681	41077.703	48093.004	31.536
32.703	24.344	1.023	
1/16/2017 12:30:00 PM	397800.000	71.778	17.367
161.686	41099.148	48113.320	31.551
32.717	24.331	1.023	
1/16/2017 12:45:00 PM	398700.000	71.788	17.370
161.710	41068.086	48074.059	31.523
32.690	24.350	1.023	
1/16/2017 1:00:00 PM	399600.000	71.795	17.369
161.724	41084.293	48093.590	31.537
32.704	24.340	1.023	
1/16/2017 1:15:00 PM	400500.000	71.798	17.361
161.733	41101.227	48122.434	31.557
32.723	24.330	1.023	
1/16/2017 1:30:00 PM	401400.000	71.807	17.360
161.752	41086.602	48105.969	31.545
32.712	24.339	1.023	
1/16/2017 1:45:00 PM	402300.000	71.809	17.372

161.757	41126.785	48140.793	31.571
32.736	24.315	1.023	
1/16/2017 2:00:00 PM	403200.000	71.813	17.368
161.767	41139.734	48159.707	31.585
32.749	24.307	1.023	
1/16/2017 2:15:00 PM	404100.000	71.821	17.360
161.784	41078.895	48097.133	31.539
32.706	24.343	1.023	
1/16/2017 2:30:00 PM	405000.000	71.821	17.362
161.784	41130.328	48155.184	31.581
32.746	24.313	1.023	
1/16/2017 2:45:00 PM	405900.000	71.820	17.369
161.781	41105.230	48118.953	31.555
32.721	24.328	1.023	
1/16/2017 3:00:00 PM	406800.000	71.826	17.371
161.795	41080.184	48086.902	31.532
32.699	24.343	1.023	
1/16/2017 3:15:00 PM	407700.000	71.815	17.368
161.771	41052.109	48057.328	31.510
32.679	24.359	1.023	
1/16/2017 3:30:00 PM	408600.000	71.819	17.363
161.780	41073.301	48087.578	31.532
32.700	24.347	1.023	
1/16/2017 3:45:00 PM	409500.000	71.809	17.366
161.758	41097.195	48112.930	31.551
32.717	24.333	1.023	
1/16/2017 4:00:00 PM	410400.000	71.807	17.364
161.752	41046.516	48055.465	31.509
32.678	24.363	1.023	
1/16/2017 4:15:00 PM	411300.000	71.802	17.360
161.740	41089.090	48109.168	31.548
32.714	24.337	1.023	
1/16/2017 4:30:00 PM	412200.000	71.796	17.362
161.727	41087.992	48105.723	31.545
32.712	24.338	1.023	
1/16/2017 4:45:00 PM	413100.000	71.773	17.363
161.675	41127.484	48151.289	31.579
32.743	24.315	1.023	
1/16/2017 5:00:00 PM	414000.000	71.785	17.363
161.704	41071.391	48085.613	31.531
32.698	24.348	1.023	
1/16/2017 5:15:00 PM	414900.000	71.774	17.364
161.679	41093.523	48110.133	31.549
32.715	24.335	1.023	
1/16/2017 5:30:00 PM	415800.000	71.767	17.364
161.662	41094.453	48111.590	31.550
32.716	24.334	1.023	
1/16/2017 5:45:00 PM	416700.000	71.762	17.365
161.652	41092.781	48108.223	31.547
32.714	24.335	1.023	
1/16/2017 6:00:00 PM	417600.000	71.745	17.366
161.613	41068.855	48079.273	31.526
32.694	24.349	1.023	
1/16/2017 6:15:00 PM	418500.000	71.742	17.369
161.606	41087.367	48097.477	31.540

32.706	24.338	1.023	
1/16/2017 6:30:00 PM	419400.000	71.732	17.364
161.584	41124.918	48147.164	31.576
32.740	24.316	1.023	
1/16/2017 6:45:00 PM	420300.000	71.725	17.361
161.568	41086.809	48105.742	31.545
32.712	24.339	1.023	
1/16/2017 7:00:00 PM	421200.000	71.708	17.364
161.528	41064.059	48076.004	31.524
32.692	24.352	1.023	
1/16/2017 7:15:00 PM	422100.000	71.702	17.366
161.515	41068.105	48078.398	31.525
32.693	24.350	1.023	
1/16/2017 7:30:00 PM	423000.000	71.690	17.375
161.489	41109.273	48117.383	31.555
32.720	24.325	1.023	
1/16/2017 7:45:00 PM	423900.000	71.675	17.363
161.454	41098.246	48117.434	31.554
32.720	24.332	1.023	
1/16/2017 8:00:00 PM	424800.000	71.669	17.366
161.441	41079.152	48091.516	31.535
32.702	24.343	1.023	
1/16/2017 8:15:00 PM	425700.000	71.664	17.364
161.431	41056.316	48067.129	31.517
32.686	24.357	1.023	
1/16/2017 8:30:00 PM	426600.000	71.649	17.360
161.397	41088.145	48108.152	31.547
32.714	24.338	1.023	
1/16/2017 8:45:00 PM	427500.000	71.647	17.358
161.393	41087.449	48109.586	31.548
32.715	24.338	1.023	
1/16/2017 9:00:00 PM	428400.000	71.638	17.369
161.372	41081.781	48091.504	31.535
32.702	24.342	1.023	
1/16/2017 9:15:00 PM	429300.000	71.635	17.368
161.364	41098.199	48111.656	31.550
32.716	24.332	1.023	
1/16/2017 9:30:00 PM	430200.000	71.637	17.360
161.369	41119.262	48144.965	31.574
32.739	24.320	1.023	
1/16/2017 9:45:00 PM	431100.000	71.632	17.356
161.359	41130.988	48162.359	31.586
32.750	24.313	1.023	
1/16/2017 10:00:00 PM	432000.000	71.624	17.366
161.340	41114.656	48132.426	31.565
32.730	24.322	1.023	
1/16/2017 10:15:00 PM	432900.000	71.619	17.360
161.330	41073.332	48091.457	31.535
32.702	24.347	1.023	
1/16/2017 10:30:00 PM	433800.000	71.620	17.367
161.332	41093.344	48107.387	31.547
32.713	24.335	1.023	
1/16/2017 10:45:00 PM	434700.000	71.626	17.364
161.344	41107.914	48127.258	31.561
32.727	24.326	1.023	

1/16/2017 11:00:00 PM	435600.000	71.627	17.363
161.348	41124.582	48147.242	31.576
32.740	24.316	1.023	
1/16/2017 11:15:00 PM	436500.000	71.624	17.366
161.340	41109.648	48127.410	31.561
32.727	24.325	1.023	
1/16/2017 11:30:00 PM	437400.000	71.626	17.361
161.345	41064.441	48079.273	31.526
32.694	24.352	1.023	
1/16/2017 11:45:00 PM	438300.000	71.640	17.363
161.376	41108.504	48128.508	31.562
32.727	24.326	1.023	
1/17/2017 12:00:00 AM	439200.000	71.639	17.371
161.374	41104.785	48115.617	31.553
32.719	24.328	1.023	
1/17/2017 12:15:00 AM	440100.000	71.648	17.367
161.394	41084.254	48096.648	31.539
32.706	24.340	1.023	
1/17/2017 12:30:00 AM	441000.000	71.654	17.368
161.407	41150.559	48172.473	31.594
32.757	24.301	1.023	
1/17/2017 12:45:00 AM	441900.000	71.666	17.366
161.434	41066.133	48075.898	31.524
32.692	24.351	1.023	
1/17/2017 1:00:00 AM	442800.000	71.672	17.352
161.448	41037.586	48057.488	31.509
32.679	24.368	1.023	
1/17/2017 1:15:00 AM	443700.000	71.685	17.366
161.478	41094.859	48109.719	31.548
32.715	24.334	1.023	
1/17/2017 1:30:00 AM	444600.000	71.694	17.358
161.497	41074.293	48094.656	31.537
32.704	24.346	1.023	
1/17/2017 1:45:00 AM	445500.000	71.700	17.367
161.511	41101.113	48115.914	31.553
32.719	24.330	1.023	
1/17/2017 2:00:00 AM	446400.000	71.705	17.365
161.523	41064.328	48075.098	31.523
32.691	24.352	1.023	
1/17/2017 2:15:00 AM	447300.000	71.715	17.359
161.546	41127.875	48156.352	31.582
32.746	24.314	1.023	
1/17/2017 2:30:00 AM	448200.000	71.732	17.363
161.583	41073.523	48088.113	31.532
32.700	24.347	1.023	
1/17/2017 2:45:00 AM	449100.000	71.742	17.360
161.606	41102.156	48125.203	31.559
32.725	24.330	1.023	
1/17/2017 3:00:00 AM	450000.000	71.746	17.363
161.615	41079.293	48094.781	31.537
32.704	24.343	1.023	
1/17/2017 3:15:00 AM	450900.000	71.754	17.364
161.632	41058.406	48069.387	31.519
32.687	24.356	1.023	
1/17/2017 3:30:00 AM	451800.000	71.755	17.358

161.635	41086.457	48108.902	31.547
32.714	24.339	1.023	
1/17/2017 3:45:00 AM	452700.000	71.767	17.357
161.662	41086.012	48109.039	31.547
32.714	24.339	1.023	
1/17/2017 4:00:00 AM	453600.000	71.770	17.366
161.669	41064.543	48074.039	31.522
32.690	24.352	1.023	
1/17/2017 4:15:00 AM	454500.000	71.775	17.369
161.681	41108.059	48121.410	31.557
32.723	24.326	1.023	
1/17/2017 4:30:00 AM	455400.000	71.774	17.361
161.679	41080.121	48097.445	31.539
32.706	24.343	1.023	
1/17/2017 4:45:00 AM	456300.000	71.775	17.366
161.679	41123.059	48142.828	31.573
32.737	24.317	1.023	
1/17/2017 5:00:00 AM	457200.000	71.782	17.360
161.695	41072.609	48089.773	31.533
32.701	24.347	1.023	
1/17/2017 5:15:00 AM	458100.000	71.778	17.362
161.688	41050.738	48062.855	31.514
32.683	24.360	1.023	
1/17/2017 5:30:00 AM	459000.000	71.778	17.360
161.686	41056.758	48071.027	31.520
32.688	24.357	1.023	
1/17/2017 5:45:00 AM	459900.000	71.783	17.363
161.698	41065.406	48078.797	31.526
32.694	24.351	1.023	
1/17/2017 6:00:00 AM	460800.000	71.785	17.366
161.702	41138.699	48161.328	31.586
32.750	24.308	1.023	
1/17/2017 6:15:00 AM	461700.000	71.774	17.364
161.679	41081.148	48095.645	31.538
32.705	24.342	1.023	
1/17/2017 6:30:00 AM	462600.000	71.778	17.369
161.687	41060.406	48066.563	31.517
32.685	24.354	1.023	
1/17/2017 6:45:00 AM	463500.000	71.775	17.366
161.681	41092.293	48107.191	31.547
32.713	24.335	1.023	
1/17/2017 7:00:00 AM	464400.000	71.764	17.363
161.655	41089.867	48106.691	31.546
32.713	24.337	1.023	
1/17/2017 7:15:00 AM	465300.000	71.766	17.370
161.661	41110.617	48124.035	31.559
32.724	24.325	1.023	
1/17/2017 7:30:00 AM	466200.000	71.762	17.362
161.652	41091.605	48110.512	31.549
32.715	24.336	1.023	
1/17/2017 7:45:00 AM	467100.000	71.755	17.361
161.635	41078.078	48095.520	31.538
32.705	24.344	1.023	
1/17/2017 8:00:00 AM	468000.000	71.753	17.354
161.631	41091.363	48118.027	31.554

32.720	24.336	1.023	
1/17/2017 8:15:00 AM	468900.000	71.746	17.368
161.615	41106.891	48121.457	31.557
32.723	24.327	1.023	
1/17/2017 8:30:00 AM	469800.000	71.743	17.365
161.609	41100.230	48117.508	31.554
32.720	24.331	1.023	
1/17/2017 8:45:00 AM	470700.000	71.745	17.357
161.614	41103.410	48129.031	31.562
32.728	24.329	1.023	
1/17/2017 9:00:00 AM	471600.000	71.742	17.360
161.606	41061.098	48076.863	31.524
32.692	24.354	1.023	
1/17/2017 9:15:00 AM	472500.000	71.738	17.364
161.597	41066.672	48079.250	31.526
32.694	24.351	1.023	
1/17/2017 9:30:00 AM	473400.000	71.733	17.367
161.586	41086.488	48098.328	31.540
32.707	24.339	1.023	
1/17/2017 9:45:00 AM	474300.000	71.720	17.364
161.556	41058.188	48068.664	31.518
32.687	24.356	1.023	
1/17/2017 10:00:00 AM	475200.000	71.721	17.358
161.559	41077.715	48097.723	31.539
32.706	24.344	1.023	
1/17/2017 10:15:00 AM	476100.000	71.715	17.373
161.546	41097.195	48104.461	31.545
32.711	24.333	1.023	
1/17/2017 10:30:00 AM	477000.000	71.725	17.370
161.568	41082.797	48091.742	31.535
32.702	24.341	1.023	
1/17/2017 10:45:00 AM	477900.000	71.726	17.364
161.569	41101.598	48119.582	31.556
32.721	24.330	1.023	
1/17/2017 11:00:00 AM	478800.000	71.730	17.364
161.580	41053.883	48064.090	31.515
32.684	24.358	1.023	
1/17/2017 11:15:00 AM	479700.000	71.723	17.353
161.562	41088.809	48116.160	31.552
32.719	24.338	1.023	
1/17/2017 11:30:00 AM	480600.000	71.724	17.358
161.566	41120.168	48147.617	31.576
32.740	24.319	1.023	
1/17/2017 11:45:00 AM	481500.000	71.730	17.356
161.580	41080.051	48102.711	31.543
32.710	24.343	1.023	
1/17/2017 12:00:00 PM	482400.000	71.740	17.364
161.601	41096.934	48114.492	31.552
32.718	24.333	1.023	
1/17/2017 12:15:00 PM	483300.000	71.738	17.361
161.597	41089.824	48109.371	31.548
32.714	24.337	1.023	
1/17/2017 12:30:00 PM	484200.000	71.741	17.359
161.603	41034.988	48047.504	31.502
32.672	24.369	1.023	

1/17/2017 12:45:00 PM	485100.000	71.753	17.370
161.630	41078.953	48086.484	31.532
32.699	24.343	1.023	
1/17/2017 1:00:00 PM	486000.000	71.752	17.357
161.629	41085.523	48108.273	31.547
32.714	24.339	1.023	
1/17/2017 1:15:00 PM	486900.000	71.762	17.364
161.652	41116.438	48137.605	31.569
32.734	24.321	1.023	
1/17/2017 1:30:00 PM	487800.000	71.764	17.364
161.656	41111.125	48130.738	31.564
32.729	24.324	1.023	
1/17/2017 1:45:00 PM	488700.000	71.772	17.360
161.674	41122.559	48148.066	31.576
32.741	24.318	1.023	
1/17/2017 2:00:00 PM	489600.000	71.775	17.355
161.681	41077.473	48101.664	31.542
32.709	24.344	1.023	
1/17/2017 2:15:00 PM	490500.000	71.778	17.359
161.687	41058.051	48074.504	31.522
32.691	24.356	1.023	
1/17/2017 2:30:00 PM	491400.000	71.781	17.371
161.694	41052.441	48054.531	31.508
32.677	24.359	1.023	
1/17/2017 2:45:00 PM	492300.000	71.779	17.364
161.689	41144.973	48170.176	31.593
32.756	24.304	1.023	
1/17/2017 3:00:00 PM	493200.000	71.784	17.357
161.700	41078.387	48100.578	31.541
32.708	24.344	1.023	
1/17/2017 3:15:00 PM	494100.000	71.784	17.363
161.700	41065.719	48078.605	31.525
32.693	24.351	1.023	
1/17/2017 3:30:00 PM	495000.000	71.793	17.364
161.721	41087.465	48103.316	31.544
32.710	24.338	1.023	
1/17/2017 3:45:00 PM	495900.000	71.780	17.365
161.692	41110.410	48128.957	31.562
32.728	24.325	1.023	
1/17/2017 4:00:00 PM	496800.000	71.769	17.366
161.667	41083.879	48096.773	31.539
32.706	24.340	1.023	
1/17/2017 4:15:00 PM	497700.000	71.779	17.374
161.688	41068.875	48070.195	31.520
32.688	24.349	1.023	
1/17/2017 4:30:00 PM	498600.000	71.777	17.358
161.685	41058.621	48076.398	31.524
32.692	24.355	1.023	
1/17/2017 4:45:00 PM	499500.000	71.773	17.365
161.676	41073.309	48085.523	31.531
32.698	24.347	1.023	
1/17/2017 5:00:00 PM	500400.000	71.755	17.371
161.635	41079.691	48086.430	31.532
32.699	24.343	1.023	
1/17/2017 5:15:00 PM	501300.000	71.754	17.365

161.632	41115.305	48134.508	31.566
32.731	24.322	1.023	
1/17/2017 5:30:00 PM	502200.000	71.754	17.357
161.633	41055.855	48073.348	31.521
32.690	24.357	1.023	
1/17/2017 5:45:00 PM	503100.000	71.747	17.371
161.617	41086.922	48095.086	31.538
32.705	24.339	1.023	
1/17/2017 6:00:00 PM	504000.000	71.745	17.367
161.614	41113.965	48130.961	31.564
32.729	24.323	1.023	
1/17/2017 6:15:00 PM	504900.000	71.732	17.360
161.584	41102.527	48124.898	31.559
32.725	24.329	1.023	
1/17/2017 6:30:00 PM	505800.000	71.725	17.369
161.568	41098.973	48111.523	31.550
32.716	24.332	1.023	
1/17/2017 6:45:00 PM	506700.000	71.725	17.356
161.567	41099.055	48125.063	31.559
32.725	24.331	1.023	
1/17/2017 7:00:00 PM	507600.000	71.710	17.367
161.534	41127.609	48146.824	31.576
32.740	24.315	1.023	
1/17/2017 7:15:00 PM	508500.000	71.709	17.360
161.532	41076.211	48094.746	31.537
32.704	24.345	1.023	
1/17/2017 7:30:00 PM	509400.000	71.692	17.364
161.494	41049.738	48058.773	31.511
32.680	24.361	1.023	
1/17/2017 7:45:00 PM	510300.000	71.683	17.363
161.472	41088.547	48105.145	31.545
32.711	24.338	1.023	
1/17/2017 8:00:00 PM	511200.000	71.675	17.360
161.454	41080.531	48099.336	31.540
32.708	24.342	1.023	
1/17/2017 8:15:00 PM	512100.000	71.672	17.370
161.447	41064.762	48070.168	31.520
32.688	24.352	1.023	
1/17/2017 8:30:00 PM	513000.000	71.660	17.366
161.422	41133.336	48155.238	31.582
32.746	24.311	1.023	
1/17/2017 8:45:00 PM	513900.000	71.663	17.359
161.428	41099.262	48122.383	31.557
32.723	24.331	1.023	
1/17/2017 9:00:00 PM	514800.000	71.652	17.360
161.403	41106.949	48130.355	31.563
32.729	24.327	1.023	
1/17/2017 9:15:00 PM	515700.000	71.648	17.364
161.394	41086.578	48102.180	31.543
32.709	24.339	1.023	
1/17/2017 9:30:00 PM	516600.000	71.641	17.364
161.378	41097.645	48115.047	31.552
32.718	24.332	1.023	
1/17/2017 9:45:00 PM	517500.000	71.633	17.368
161.360	41123.027	48140.625	31.571

32.736	24.317	1.023	
1/17/2017 10:00:00 PM	518400.000	71.638	17.366
161.372	41090.438	48104.539	31.545
32.711	24.337	1.023	
1/17/2017 10:15:00 PM	519300.000	71.627	17.362
161.347	41106.117	48126.836	31.561
32.726	24.327	1.023	
1/17/2017 10:30:00 PM	520200.000	71.632	17.377
161.357	41086.961	48088.172	31.533
32.700	24.339	1.023	
1/17/2017 10:45:00 PM	521100.000	71.627	17.366
161.348	41105.941	48123.168	31.558
32.724	24.327	1.023	
1/17/2017 11:00:00 PM	522000.000	71.619	17.360
161.330	41053.223	48067.262	31.517
32.686	24.359	1.023	
1/17/2017 11:15:00 PM	522900.000	71.625	17.369
161.343	41080.598	48090.117	31.534
32.701	24.342	1.023	
1/17/2017 11:30:00 PM	523800.000	71.620	17.371
161.332	41099.391	48110.059	31.549
32.715	24.331	1.023	
1/17/2017 11:45:00 PM	524700.000	71.629	17.363
161.352	41052.852	48064.285	31.515
32.684	24.359	1.023	
1/18/2017 12:00:00 AM	525600.000	71.633	17.365
161.359	41083.406	48097.434	31.539
32.706	24.341	1.023	
1/18/2017 12:15:00 AM	526500.000	71.639	17.355
161.373	41076.953	48100.316	31.541
32.708	24.345	1.023	
1/18/2017 12:30:00 AM	527400.000	71.647	17.352
161.393	41066.828	48092.023	31.535
32.703	24.351	1.023	
1/18/2017 12:45:00 AM	528300.000	71.647	17.364
161.393	41120.895	48142.824	31.572
32.737	24.319	1.023	
1/18/2017 1:00:00 AM	529200.000	71.662	17.366
161.427	41104.246	48120.707	31.556
32.722	24.328	1.023	
1/18/2017 1:15:00 AM	530100.000	71.666	17.359
161.434	41101.348	48124.555	31.559
32.725	24.330	1.023	
1/18/2017 1:30:00 AM	531000.000	71.666	17.361
161.434	41101.992	48123.328	31.558
32.724	24.330	1.023	
1/18/2017 1:45:00 AM	531900.000	71.678	17.360
161.462	41066.508	48083.277	31.529
32.697	24.351	1.023	
1/18/2017 2:00:00 AM	532800.000	71.690	17.365
161.488	41117.914	48137.371	31.569
32.733	24.320	1.023	
1/18/2017 2:15:00 AM	533700.000	71.695	17.360
161.500	41105.555	48128.914	31.562
32.728	24.328	1.023	

1/18/2017 2:30:00 AM	534600.000	71.706	17.361
161.524	41104.996	48126.949	31.561
32.726	24.328	1.023	
1/18/2017 2:45:00 AM	535500.000	71.715	17.360
161.546	41115.664	48140.094	31.570
32.735	24.322	1.023	
1/18/2017 3:00:00 AM	536400.000	71.730	17.363
161.580	41070.516	48084.035	31.529
32.697	24.348	1.023	
1/18/2017 3:15:00 AM	537300.000	71.737	17.365
161.594	41074.941	48087.523	31.532
32.700	24.346	1.023	
1/18/2017 3:30:00 AM	538200.000	71.742	17.360
161.606	41087.102	48107.496	31.546
32.713	24.339	1.023	
1/18/2017 3:45:00 AM	539100.000	71.755	17.363
161.635	41085.223	48101.996	31.543
32.709	24.340	1.023	
1/18/2017 4:00:00 AM	540000.000	71.760	17.365
161.645	41089.000	48104.078	31.544
32.711	24.337	1.023	
1/18/2017 4:15:00 AM	540900.000	71.765	17.362
161.659	41055.668	48068.148	31.518
32.686	24.357	1.023	
1/18/2017 4:30:00 AM	541800.000	71.772	17.356
161.674	41085.941	48109.520	31.548
32.714	24.339	1.023	
1/18/2017 4:45:00 AM	542700.000	71.772	17.361
161.673	41116.012	48140.313	31.570
32.735	24.321	1.023	
1/18/2017 5:00:00 AM	543600.000	71.779	17.365
161.689	41084.410	48098.238	31.540
32.707	24.340	1.023	
1/18/2017 5:15:00 AM	544500.000	71.788	17.359
161.710	41044.828	48059.113	31.511
32.680	24.364	1.023	
1/18/2017 5:30:00 AM	545400.000	71.789	17.367
161.712	41078.277	48088.887	31.533
32.700	24.344	1.023	
1/18/2017 5:45:00 AM	546300.000	71.797	17.359
161.730	41050.445	48065.227	31.515
32.684	24.360	1.023	
1/18/2017 6:00:00 AM	547200.000	71.794	17.368
161.723	41095.582	48108.496	31.548
32.714	24.334	1.023	
1/18/2017 6:15:00 AM	548100.000	71.796	17.362
161.727	41097.445	48116.602	31.553
32.719	24.332	1.023	
1/18/2017 6:30:00 AM	549000.000	71.787	17.359
161.706	41096.617	48118.910	31.555
32.721	24.333	1.023	
1/18/2017 6:45:00 AM	549900.000	71.788	17.361
161.710	41102.289	48123.398	31.558
32.724	24.330	1.023	
1/18/2017 7:00:00 AM	550800.000	71.796	17.365

161.727	41100.164	48116.684	31.553
32.719	24.331	1.023	
1/18/2017 7:15:00 AM	551700.000	71.794	17.361
161.723	41072.051	48088.086	31.532
32.700	24.347	1.023	
1/18/2017 7:30:00 AM	552600.000	71.787	17.361
161.706	41046.977	48059.293	31.511
32.680	24.362	1.023	
1/18/2017 7:45:00 AM	553500.000	71.788	17.369
161.710	41112.227	48126.480	31.561
32.726	24.324	1.023	
1/18/2017 8:00:00 AM	554400.000	71.782	17.367
161.697	41105.863	48122.043	31.557
32.723	24.327	1.023	
1/18/2017 8:15:00 AM	555300.000	71.786	17.364
161.706	41075.613	48089.344	31.533
32.701	24.345	1.023	
1/18/2017 8:30:00 AM	556200.000	71.782	17.363
161.697	41062.484	48075.000	31.523
32.691	24.353	1.023	
1/18/2017 8:45:00 AM	557100.000	71.785	17.362
161.702	41073.848	48089.621	31.533
32.701	24.346	1.023	
1/18/2017 9:00:00 AM	558000.000	71.770	17.365
161.669	41086.523	48100.625	31.542
32.708	24.339	1.023	
1/18/2017 9:15:00 AM	558900.000	71.771	17.360
161.672	41114.422	48138.730	31.569
32.734	24.322	1.023	
1/18/2017 9:30:00 AM	559800.000	71.767	17.360
161.661	41089.691	48109.871	31.548
32.715	24.337	1.023	
1/18/2017 9:45:00 AM	560700.000	71.750	17.359
161.623	41101.117	48124.934	31.559
32.725	24.330	1.023	
1/18/2017 10:00:00 AM	561600.000	71.759	17.358
161.644	41064.781	48082.766	31.528
32.696	24.352	1.023	
1/18/2017 10:15:00 AM	562500.000	71.743	17.364
161.609	41090.844	48107.273	31.546
32.713	24.336	1.023	
1/18/2017 10:30:00 AM	563400.000	71.744	17.366
161.611	41040.070	48045.574	31.501
32.671	24.366	1.023	
1/18/2017 10:45:00 AM	564300.000	71.741	17.363
161.605	41082.965	48099.543	31.541
32.708	24.341	1.023	
1/18/2017 11:00:00 AM	565200.000	71.745	17.363
161.614	41107.281	48127.824	31.561
32.727	24.327	1.023	
1/18/2017 11:15:00 AM	566100.000	71.741	17.371
161.603	41126.133	48141.254	31.572
32.736	24.315	1.023	
1/18/2017 11:30:00 AM	567000.000	71.746	17.367
161.615	41074.102	48084.859	31.530

32.698	24.346	1.023	
1/18/2017 11:45:00 AM	567900.000	71.742	17.367
161.606	41082.840	48094.613	31.537
32.704	24.341	1.023	
1/18/2017 12:00:00 PM	568800.000	71.747	17.367
161.617	41105.496	48121.324	31.557
32.722	24.328	1.023	
1/18/2017 12:15:00 PM	569700.000	71.746	17.367
161.615	41087.105	48099.141	31.541
32.707	24.339	1.023	
1/18/2017 12:30:00 PM	570600.000	71.750	17.365
161.623	41116.516	48135.922	31.568
32.732	24.321	1.023	
1/18/2017 12:45:00 PM	571500.000	71.748	17.370
161.618	41088.461	48098.289	31.540
32.707	24.338	1.023	
1/18/2017 1:00:00 PM	572400.000	71.754	17.369
161.632	41103.418	48116.348	31.553
32.719	24.329	1.023	
1/18/2017 1:15:00 PM	573300.000	71.754	17.368
161.633	41084.484	48094.938	31.538
32.705	24.340	1.023	
1/18/2017 1:30:00 PM	574200.000	71.756	17.367
161.637	41079.496	48090.887	31.535
32.702	24.343	1.023	
1/18/2017 1:45:00 PM	575100.000	71.756	17.370
161.637	41089.539	48099.359	31.541
32.708	24.337	1.023	
1/18/2017 2:00:00 PM	576000.000	71.763	17.363
161.654	41107.258	48127.336	31.561
32.727	24.327	1.023	
1/18/2017 2:15:00 PM	576900.000	71.774	17.363
161.679	41110.602	48130.875	31.564
32.729	24.325	1.023	
1/18/2017 2:30:00 PM	577800.000	71.783	17.362
161.698	41105.352	48126.320	31.560
32.726	24.328	1.023	
1/18/2017 2:45:00 PM	578700.000	71.791	17.367
161.717	41093.113	48106.738	31.546
32.713	24.335	1.023	
1/18/2017 3:00:00 PM	579600.000	71.782	17.358
161.697	41111.824	48138.418	31.569
32.734	24.324	1.023	
1/18/2017 3:15:00 PM	580500.000	71.789	17.363
161.711	41097.305	48115.496	31.552
32.719	24.332	1.023	
1/18/2017 3:30:00 PM	581400.000	71.796	17.364
161.727	41087.344	48103.543	31.544
32.710	24.338	1.023	
1/18/2017 3:45:00 PM	582300.000	71.796	17.364
161.728	41089.266	48104.859	31.545
32.711	24.337	1.023	
1/18/2017 4:00:00 PM	583200.000	71.801	17.358
161.739	41095.473	48119.547	31.555
32.721	24.334	1.023	

1/18/2017 4:15:00 PM	584100.000	71.799	17.361
161.735	41042.957	48054.313	31.508
32.677	24.365	1.023	
1/18/2017 4:30:00 PM	585000.000	71.807	17.369
161.752	41086.469	48096.504	31.539
32.706	24.339	1.023	
1/18/2017 4:45:00 PM	585900.000	71.807	17.372
161.753	41096.027	48104.602	31.545
32.711	24.333	1.023	
1/18/2017 5:00:00 PM	586800.000	71.801	17.365
161.738	41096.406	48112.191	31.550
32.716	24.333	1.023	
1/18/2017 5:15:00 PM	587700.000	71.807	17.365
161.753	41055.215	48064.430	31.515
32.684	24.357	1.023	
1/18/2017 5:30:00 PM	588600.000	71.802	17.360
161.740	41110.988	48134.711	31.566
32.732	24.324	1.023	
1/18/2017 5:45:00 PM	589500.000	71.807	17.369
161.752	41059.406	48064.824	31.516
32.684	24.355	1.023	
1/18/2017 6:00:00 PM	590400.000	71.800	17.355
161.736	41057.461	48078.141	31.525
32.693	24.356	1.023	
1/18/2017 6:15:00 PM	591300.000	71.801	17.359
161.738	41089.078	48110.379	31.548
32.715	24.337	1.023	
1/18/2017 6:30:00 PM	592200.000	71.797	17.369
161.729	41090.867	48102.141	31.543
32.709	24.336	1.023	
1/18/2017 6:45:00 PM	593100.000	71.800	17.375
161.736	41074.227	48075.805	31.524
32.692	24.346	1.023	
1/18/2017 7:00:00 PM	594000.000	71.789	17.367
161.712	41093.199	48106.273	31.546
32.712	24.335	1.023	
1/18/2017 7:15:00 PM	594900.000	71.789	17.368
161.711	41097.215	48109.840	31.549
32.715	24.333	1.023	
1/18/2017 7:30:00 PM	595800.000	71.782	17.370
161.697	41067.141	48072.848	31.522
32.690	24.350	1.023	
1/18/2017 7:45:00 PM	596700.000	71.778	17.363
161.687	41072.012	48085.695	31.531
32.698	24.347	1.023	
1/18/2017 8:00:00 PM	597600.000	71.775	17.356
161.679	41118.715	48148.734	31.576
32.741	24.320	1.023	
1/18/2017 8:15:00 PM	598500.000	71.772	17.365
161.674	41108.813	48127.656	31.561
32.727	24.326	1.023	
1/18/2017 8:30:00 PM	599400.000	71.764	17.356
161.656	41052.684	48071.332	31.520
32.689	24.359	1.023	
1/18/2017 8:45:00 PM	600300.000	71.762	17.358

161.652	41073.469	48093.125	31.536
32.703	24.347	1.023	
1/18/2017 9:00:00 PM	601200.000	71.762	17.359
161.652	41066.527	48084.430	31.529
32.697	24.351	1.023	
1/18/2017 9:15:00 PM	602100.000	71.728	17.358
161.573	41077.633	48098.469	31.540
32.707	24.344	1.023	
1/18/2017 9:30:00 PM	603000.000	71.732	17.362
161.583	41114.867	48137.375	31.568
32.733	24.322	1.023	
1/18/2017 9:45:00 PM	603900.000	71.745	17.372
161.613	41109.543	48120.141	31.556
32.722	24.325	1.023	
1/18/2017 10:00:00 PM	604800.000	71.733	17.366
161.585	41074.586	48085.613	31.531
32.698	24.346	1.023	
1/18/2017 10:15:00 PM	605700.000	71.732	17.365
161.584	41125.547	48146.496	31.575
32.740	24.316	1.023	
1/18/2017 10:30:00 PM	606600.000	71.740	17.366
161.601	41093.094	48107.281	31.547
32.713	24.335	1.023	
1/18/2017 10:45:00 PM	607500.000	71.732	17.368
161.584	41090.055	48101.457	31.542
32.709	24.337	1.023	
1/18/2017 11:00:00 PM	608400.000	71.732	17.368
161.584	41108.395	48123.684	31.559
32.724	24.326	1.023	
1/18/2017 11:15:00 PM	609300.000	71.728	17.365
161.575	41079.145	48091.887	31.535
32.702	24.343	1.023	
1/18/2017 11:30:00 PM	610200.000	71.732	17.359
161.584	41062.523	48078.992	31.526
32.694	24.353	1.023	
1/18/2017 11:45:00 PM	611100.000	71.732	17.364
161.584	41116.363	48137.520	31.569
32.734	24.321	1.023	

Report Date: 1/20/2017 8:29:08 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_2017-01-19_12-42-16-133-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
1/19/2017 12:41:53 PM Log Download - Used Battery: 21% Used Memory: 45% User Name: EHernandez Interval -
Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 731

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	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#: 428966	SN#: 428966	SN#: 428966
SN#: 428966		SN#: 428966	SN#: 428966	SN#: 428966
SN#: 428966		SN#: 428966	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)				
-----	-----	-----	-----	---
-----	-----	-----	-----	---
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1/12/2017 12:00:00 AM	7200.000	20.294	16.141	
46.257	2223.557	2676.406	1.396	
1819.956	449.730	1.000	14.679	
1/12/2017 12:15:00 AM	8100.000	20.295	16.141	
46.258	2223.377	2676.189	1.396	
1819.809	449.766	1.000	14.679	
1/12/2017 12:30:00 AM	9000.000	20.297	16.140	
46.263	2223.510	2676.414	1.396	
1819.961	449.739	1.000	14.671	
1/12/2017 12:45:00 AM	9900.000	20.297	16.141	
46.264	2224.116	2677.104	1.397	
1820.431	449.617	1.000	14.669	
1/12/2017 1:00:00 AM	10800.000	20.303	16.141	
46.276	2223.961	2676.918	1.397	
1820.304	449.648	1.000	14.663	
1/12/2017 1:15:00 AM	11700.000	20.300	16.142	
46.270	2224.566	2677.598	1.397	

1820.767	449.526	1.000	14.661
1/12/2017 1:30:00 AM	12600.000	20.300	16.141
46.270	2224.708	2677.801	1.397
1820.905	449.497	1.000	14.663
1/12/2017 1:45:00 AM	13500.000	20.304	16.141
46.279	2225.258	2678.479	1.397
1821.366	449.386	1.000	14.660
1/12/2017 2:00:00 AM	14400.000	20.308	16.141
46.288	2225.401	2678.636	1.398
1821.473	449.357	1.000	14.658
1/12/2017 2:15:00 AM	15300.000	20.303	16.141
46.276	2225.615	2678.898	1.398
1821.651	449.314	1.000	14.663
1/12/2017 2:30:00 AM	16200.000	20.304	16.141
46.278	2225.620	2678.915	1.398
1821.662	449.313	1.000	14.668
1/12/2017 2:45:00 AM	17100.000	20.305	16.141
46.281	2226.041	2679.427	1.398
1822.010	449.228	1.000	14.665
1/12/2017 3:00:00 AM	18000.000	20.299	16.140
46.268	2226.199	2679.656	1.398
1822.166	449.196	1.000	14.667
1/12/2017 3:15:00 AM	18900.000	20.313	16.140
46.299	2225.296	2678.585	1.397
1821.438	449.378	1.000	14.659
1/12/2017 3:30:00 AM	19800.000	20.311	16.141
46.296	2225.137	2678.356	1.397
1821.282	449.410	1.000	14.654
1/12/2017 3:45:00 AM	20700.000	20.303	16.141
46.277	2225.451	2678.701	1.398
1821.517	449.347	1.000	14.666
1/12/2017 4:00:00 AM	21600.000	20.315	16.141
46.304	2226.285	2679.700	1.398
1822.196	449.179	1.000	14.655
1/12/2017 4:15:00 AM	22500.000	20.314	16.140
46.301	2226.264	2679.717	1.398
1822.207	449.183	1.000	14.657
1/12/2017 4:30:00 AM	23400.000	20.312	16.141
46.297	2226.482	2679.931	1.398
1822.353	449.139	1.000	14.656
1/12/2017 4:45:00 AM	24300.000	20.313	16.141
46.300	2226.651	2680.161	1.398
1822.510	449.105	1.000	14.651
1/12/2017 5:00:00 AM	25200.000	20.320	16.141
46.315	2227.480	2681.171	1.399
1823.196	448.938	1.000	14.651
1/12/2017 5:15:00 AM	26100.000	20.317	16.141
46.308	2227.477	2681.135	1.399
1823.172	448.938	1.000	14.654
1/12/2017 5:30:00 AM	27000.000	20.315	16.140
46.304	2227.328	2681.036	1.399
1823.105	448.968	1.000	14.651
1/12/2017 5:45:00 AM	27900.000	20.314	16.140
46.303	2227.415	2681.141	1.399

1823.176	448.951	1.000	14.648
1/12/2017 6:00:00 AM	28800.000	20.312	16.139
46.296	2226.415	2679.986	1.398
1822.390	449.153	1.000	14.656
1/12/2017 6:15:00 AM	29700.000	20.317	16.140
46.309	2226.333	2679.844	1.398
1822.294	449.169	1.000	14.657
1/12/2017 6:30:00 AM	30600.000	20.326	16.140
46.329	2226.642	2680.184	1.398
1822.525	449.107	1.000	14.650
1/12/2017 6:45:00 AM	31500.000	20.319	16.140
46.314	2227.071	2680.700	1.399
1822.876	449.020	1.000	14.658
1/12/2017 7:00:00 AM	32400.000	20.317	16.140
46.308	2228.244	2682.100	1.399
1823.828	448.784	1.000	14.663
1/12/2017 7:15:00 AM	33300.000	20.325	16.140
46.326	2228.625	2682.571	1.400
1824.148	448.707	1.000	14.660
1/12/2017 7:30:00 AM	34200.000	20.326	16.140
46.329	2228.698	2682.691	1.400
1824.230	448.692	1.000	14.668
1/12/2017 7:45:00 AM	35100.000	20.317	16.140
46.308	2228.594	2682.560	1.400
1824.141	448.713	1.000	14.676
1/12/2017 8:00:00 AM	36000.000	20.326	16.140
46.329	2228.942	2682.995	1.400
1824.437	448.643	1.000	14.675
1/12/2017 8:15:00 AM	36900.000	20.322	16.140
46.319	2229.556	2683.679	1.400
1824.902	448.520	1.000	14.682
1/12/2017 8:30:00 AM	37800.000	20.316	16.140
46.307	2229.588	2683.730	1.400
1824.936	448.513	1.000	14.690
1/12/2017 8:45:00 AM	38700.000	20.317	16.141
46.309	2230.419	2684.714	1.401
1825.605	448.346	1.000	14.690
1/12/2017 9:00:00 AM	39600.000	20.311	16.141
46.294	2231.307	2685.766	1.401
1826.321	448.168	1.000	14.702
1/12/2017 9:15:00 AM	40500.000	20.320	16.141
46.315	2231.292	2685.765	1.401
1826.320	448.171	1.000	14.693
1/12/2017 9:30:00 AM	41400.000	20.324	16.140
46.324	2231.048	2685.492	1.401
1826.134	448.220	1.000	14.694
1/12/2017 9:45:00 AM	42300.000	20.312	16.140
46.296	2230.934	2685.365	1.401
1826.049	448.243	1.000	14.710
1/12/2017 10:00:00 AM	43200.000	20.324	16.141
46.324	2231.399	2685.887	1.401
1826.403	448.149	1.000	14.705
1/12/2017 10:15:00 AM	44100.000	20.318	16.141
46.312	2232.371	2687.020	1.402
1827.174	447.954	1.000	14.706

1/12/2017 10:30:00 AM	45000.000	20.328	16.140
46.334	2231.921	2686.576	1.402
1826.871	448.044	1.000	14.706
1/12/2017 10:45:00 AM	45900.000	20.322	16.140
46.320	2231.439	2685.974	1.402
1826.463	448.141	1.000	14.711
1/12/2017 11:00:00 AM	46800.000	20.329	16.141
46.337	2231.281	2685.751	1.401
1826.311	448.173	1.000	14.705
1/12/2017 11:15:00 AM	47700.000	20.331	16.140
46.340	2231.190	2685.674	1.401
1826.258	448.191	1.000	14.704
1/12/2017 11:30:00 AM	48600.000	20.322	16.140
46.321	2230.987	2685.436	1.401
1826.096	448.232	1.000	14.712
1/12/2017 11:45:00 AM	49500.000	20.327	16.140
46.331	2230.787	2685.189	1.401
1825.928	448.272	1.000	14.705
1/12/2017 12:00:00 PM	50400.000	20.327	16.140
46.332	2231.078	2685.572	1.401
1826.189	448.214	1.000	14.703
1/12/2017 12:15:00 PM	51300.000	20.331	16.140
46.340	2230.274	2684.582	1.401
1825.516	448.375	1.000	14.701
1/12/2017 12:30:00 PM	52200.000	20.325	16.141
46.326	2230.629	2684.934	1.401
1825.755	448.304	1.000	14.701
1/12/2017 12:45:00 PM	53100.000	20.333	16.141
46.346	2231.236	2685.653	1.401
1826.244	448.182	1.000	14.695
1/12/2017 1:00:00 PM	54000.000	20.340	16.141
46.362	2231.358	2685.844	1.401
1826.374	448.158	1.000	14.697
1/12/2017 1:15:00 PM	54900.000	20.328	16.140
46.334	2231.085	2685.574	1.401
1826.191	448.212	1.000	14.699
1/12/2017 1:30:00 PM	55800.000	20.336	16.139
46.353	2230.775	2685.211	1.401
1825.944	448.275	1.000	14.694
1/12/2017 1:45:00 PM	56700.000	20.331	16.140
46.341	2230.941	2685.347	1.401
1826.036	448.241	1.000	14.697
1/12/2017 2:00:00 PM	57600.000	20.328	16.140
46.335	2230.923	2685.342	1.401
1826.033	448.245	1.000	14.699
1/12/2017 2:15:00 PM	58500.000	20.336	16.140
46.352	2230.455	2684.811	1.401
1825.671	448.339	1.000	14.692
1/12/2017 2:30:00 PM	59400.000	20.333	16.140
46.346	2231.031	2685.467	1.401
1826.118	448.223	1.000	14.698
1/12/2017 2:45:00 PM	60300.000	20.335	16.141
46.351	2231.110	2685.540	1.401
1826.167	448.207	1.000	14.695

1/12/2017 3:00:00 PM	61200.000	20.334	16.140
46.347	2231.143	2685.596	1.401
1826.206	448.201	1.000	14.701
1/12/2017 3:15:00 PM	62100.000	20.340	16.140
46.362	2231.519	2686.048	1.402
1826.513	448.125	1.000	14.703
1/12/2017 3:30:00 PM	63000.000	20.338	16.141
46.356	2231.249	2685.690	1.401
1826.269	448.180	1.000	14.701
1/12/2017 3:45:00 PM	63900.000	20.339	16.140
46.358	2231.275	2685.760	1.401
1826.317	448.174	1.000	14.704
1/12/2017 4:00:00 PM	64800.000	20.339	16.140
46.359	2231.268	2685.747	1.401
1826.308	448.176	1.000	14.707
1/12/2017 4:15:00 PM	65700.000	20.335	16.139
46.351	2222.641	2675.465	1.396
1819.316	449.915	1.000	14.706
1/12/2017 4:30:00 PM	66600.000	20.338	16.140
46.357	2226.798	2680.392	1.398
1822.667	449.075	1.000	14.710
1/12/2017 4:45:00 PM	67500.000	20.345	16.140
46.373	2228.778	2682.743	1.400
1824.266	448.676	1.000	14.705
1/12/2017 5:00:00 PM	68400.000	20.345	16.139
46.373	2229.031	2683.124	1.400
1824.524	448.626	1.000	14.706
1/12/2017 5:15:00 PM	69300.000	20.339	16.139
46.360	2229.618	2683.820	1.400
1824.998	448.507	1.000	14.713
1/12/2017 5:30:00 PM	70200.000	20.353	16.140
46.391	2230.753	2685.170	1.401
1825.915	448.279	1.000	14.701
1/12/2017 5:45:00 PM	71100.000	20.344	16.140
46.371	2231.162	2685.613	1.401
1826.217	448.197	1.000	14.712
1/12/2017 6:00:00 PM	72000.000	20.354	16.141
46.392	2231.472	2685.982	1.402
1826.468	448.135	1.000	14.705
1/12/2017 6:15:00 PM	72900.000	20.344	16.140
46.371	2231.729	2686.338	1.402
1826.710	448.083	1.000	14.718
1/12/2017 6:30:00 PM	73800.000	20.356	16.140
46.397	2232.310	2687.033	1.402
1827.182	447.966	1.000	14.710
1/12/2017 6:45:00 PM	74700.000	20.347	16.140
46.377	2232.171	2686.855	1.402
1827.062	447.994	1.000	14.719
1/12/2017 7:00:00 PM	75600.000	20.347	16.140
46.377	2231.978	2686.633	1.402
1826.911	448.033	1.000	14.725
1/12/2017 7:15:00 PM	76500.000	20.348	16.140
46.380	2231.786	2686.397	1.402
1826.750	448.072	1.000	14.725
1/12/2017 7:30:00 PM	77400.000	20.352	16.140

46.390	2232.028	2686.682	1.402
1826.944	448.023	1.000	14.726
1/12/2017 7:45:00 PM	78300.000	20.348	16.141
46.378	2232.361	2687.046	1.402
1827.191	447.956	1.000	14.731
1/12/2017 8:00:00 PM	79200.000	20.347	16.140
46.378	2232.774	2687.553	1.402
1827.536	447.873	1.000	14.735
1/12/2017 8:15:00 PM	80100.000	20.349	16.141
46.382	2232.967	2687.770	1.403
1827.683	447.835	1.000	14.734
1/12/2017 8:30:00 PM	81000.000	20.346	16.140
46.374	2233.258	2688.135	1.403
1827.932	447.776	1.000	14.740
1/12/2017 8:45:00 PM	81900.000	20.344	16.140
46.370	2233.963	2689.022	1.403
1828.535	447.635	1.000	14.741
1/12/2017 9:00:00 PM	82800.000	20.356	16.140
46.398	2233.698	2688.677	1.403
1828.301	447.688	1.000	14.733
1/12/2017 9:15:00 PM	83700.000	20.362	16.140
46.410	2234.434	2689.563	1.404
1828.903	447.541	1.000	14.736
1/12/2017 9:30:00 PM	84600.000	20.351	16.141
46.385	2234.805	2689.987	1.404
1829.191	447.466	1.000	14.744
1/12/2017 9:45:00 PM	85500.000	20.350	16.141
46.385	2234.796	2689.960	1.404
1829.173	447.468	1.000	14.741
1/12/2017 10:00:00 PM	86400.000	20.352	16.141
46.390	2235.344	2690.636	1.404
1829.632	447.359	1.000	14.740
1/12/2017 10:15:00 PM	87300.000	20.343	16.141
46.367	2235.215	2690.475	1.404
1829.523	447.384	1.000	14.751
1/12/2017 10:30:00 PM	88200.000	20.341	16.141
46.363	2234.921	2690.116	1.404
1829.279	447.443	1.000	14.749
1/12/2017 10:45:00 PM	89100.000	20.342	16.140
46.367	2235.589	2690.941	1.404
1829.840	447.309	1.000	14.747
1/12/2017 11:00:00 PM	90000.000	20.341	16.141
46.364	2235.278	2690.540	1.404
1829.567	447.372	1.000	14.754
1/12/2017 11:15:00 PM	90900.000	20.338	16.142
46.356	2236.022	2691.394	1.405
1830.148	447.223	1.000	14.755
1/12/2017 11:30:00 PM	91800.000	20.351	16.141
46.386	2235.918	2691.284	1.404
1830.073	447.244	1.000	14.752
1/12/2017 11:45:00 PM	92700.000	20.342	16.141
46.367	2235.769	2691.142	1.404
1829.977	447.273	1.000	14.750
1/13/2017 12:00:00 AM	93600.000	20.344	16.141

46.370	2235.683	2691.033	1.404
1829.903	447.291	1.000	14.752
1/13/2017 12:15:00 AM	94500.000	20.339	16.141
46.358	2235.700	2691.037	1.404
1829.905	447.287	1.000	14.756
1/13/2017 12:30:00 AM	95400.000	20.346	16.141
46.376	2235.988	2691.368	1.405
1830.130	447.230	1.000	14.751
1/13/2017 12:45:00 AM	96300.000	20.351	16.142
46.387	2236.210	2691.580	1.405
1830.274	447.185	1.000	14.747
1/13/2017 1:00:00 AM	97200.000	20.342	16.142
46.365	2236.222	2691.634	1.405
1830.311	447.183	1.000	14.754
1/13/2017 1:15:00 AM	98100.000	20.341	16.141
46.363	2236.526	2692.021	1.405
1830.574	447.122	1.000	14.759
1/13/2017 1:30:00 AM	99000.000	20.346	16.141
46.376	2236.460	2691.941	1.405
1830.520	447.135	1.000	14.753
1/13/2017 1:45:00 AM	99900.000	20.349	16.142
46.382	2236.901	2692.411	1.405
1830.840	447.047	1.000	14.760
1/13/2017 2:00:00 AM	100800.000	20.346	16.142
46.375	2237.469	2693.111	1.405
1831.316	446.934	1.000	14.762
1/13/2017 2:15:00 AM	101700.000	20.348	16.142
46.378	2237.291	2692.925	1.405
1831.189	446.969	1.000	14.762
1/13/2017 2:30:00 AM	102600.000	20.359	16.141
46.404	2237.726	2693.455	1.406
1831.550	446.882	1.000	14.755
1/13/2017 2:45:00 AM	103500.000	20.353	16.142
46.392	2237.205	2692.789	1.405
1831.097	446.986	1.000	14.762
1/13/2017 3:00:00 AM	104400.000	20.351	16.141
46.385	2236.978	2692.555	1.405
1830.938	447.032	1.000	14.771
1/13/2017 3:15:00 AM	105300.000	20.346	16.141
46.374	2236.666	2692.179	1.405
1830.682	447.094	1.000	14.771
1/13/2017 3:30:00 AM	106200.000	20.350	16.142
46.385	2237.379	2692.998	1.405
1831.239	446.952	1.000	14.767
1/13/2017 3:45:00 AM	107100.000	20.347	16.142
46.378	2237.473	2693.090	1.405
1831.301	446.933	1.000	14.774
1/13/2017 4:00:00 AM	108000.000	20.343	16.143
46.367	2237.586	2693.204	1.406
1831.378	446.910	1.000	14.773
1/13/2017 4:15:00 AM	108900.000	20.352	16.142
46.388	2237.917	2693.635	1.406
1831.672	446.844	1.000	14.772
1/13/2017 4:30:00 AM	109800.000	20.354	16.143
46.393	2238.466	2694.252	1.406

1832.092	446.734	1.000	14.770
1/13/2017 4:45:00 AM	110700.000	20.352	16.142
46.388	2238.732	2694.611	1.406
1832.336	446.681	1.000	14.772
1/13/2017 5:00:00 AM	111600.000	20.346	16.142
46.375	2239.260	2695.246	1.407
1832.768	446.576	1.000	14.776
1/13/2017 5:15:00 AM	112500.000	20.343	16.142
46.369	2239.275	2695.286	1.407
1832.794	446.573	1.000	14.783
1/13/2017 5:30:00 AM	113400.000	20.352	16.142
46.388	2238.968	2694.916	1.406
1832.543	446.634	1.000	14.778
1/13/2017 5:45:00 AM	114300.000	20.356	16.142
46.397	2239.288	2695.317	1.407
1832.816	446.571	1.000	14.776
1/13/2017 6:00:00 AM	115200.000	20.349	16.142
46.381	2238.776	2694.691	1.406
1832.390	446.673	1.000	14.784
1/13/2017 6:15:00 AM	116100.000	20.356	16.142
46.399	2239.086	2695.042	1.407
1832.628	446.611	1.000	14.777
1/13/2017 6:30:00 AM	117000.000	20.352	16.143
46.389	2239.423	2695.431	1.407
1832.893	446.544	1.000	14.780
1/13/2017 6:45:00 AM	117900.000	20.349	16.142
46.382	2238.939	2694.860	1.406
1832.505	446.640	1.000	14.788
1/13/2017 7:00:00 AM	118800.000	20.351	16.143
46.387	2238.947	2694.842	1.406
1832.492	446.639	1.000	14.789
1/13/2017 7:15:00 AM	119700.000	20.355	16.142
46.396	2238.688	2694.563	1.406
1832.303	446.690	1.000	14.789
1/13/2017 7:30:00 AM	120600.000	20.354	16.142
46.393	2239.158	2695.139	1.407
1832.695	446.596	1.000	14.791
1/13/2017 7:45:00 AM	121500.000	20.351	16.142
46.387	2239.445	2695.473	1.407
1832.922	446.539	1.000	14.798
1/13/2017 8:00:00 AM	122400.000	20.358	16.143
46.401	2239.656	2695.679	1.407
1833.062	446.497	1.000	14.793
1/13/2017 8:15:00 AM	123300.000	20.352	16.143
46.387	2240.174	2696.309	1.407
1833.490	446.394	1.000	14.798
1/13/2017 8:30:00 AM	124200.000	20.347	16.143
46.377	2240.264	2696.417	1.407
1833.563	446.376	1.000	14.803
1/13/2017 8:45:00 AM	125100.000	20.352	16.142
46.388	2240.425	2696.649	1.407
1833.721	446.344	1.000	14.805
1/13/2017 9:00:00 AM	126000.000	20.357	16.143
46.400	2240.323	2696.498	1.407

1833.619	446.364	1.000	14.806
1/13/2017 9:15:00 AM	126900.000	20.348	16.143
46.379	2240.520	2696.725	1.407
1833.773	446.325	1.000	14.815
1/13/2017 9:30:00 AM	127800.000	20.351	16.143
46.386	2240.535	2696.742	1.407
1833.785	446.322	1.000	14.812
1/13/2017 9:45:00 AM	128700.000	20.353	16.143
46.390	2240.698	2696.955	1.408
1833.929	446.289	1.000	14.816
1/13/2017 10:00:00 AM	129600.000	20.360	16.143
46.408	2240.672	2696.902	1.408
1833.893	446.295	1.000	14.818
1/13/2017 10:15:00 AM	130500.000	20.356	16.142
46.397	2240.775	2697.102	1.408
1834.030	446.274	1.000	14.821
1/13/2017 10:30:00 AM	131400.000	20.346	16.142
46.374	2239.666	2695.773	1.407
1833.126	446.495	1.000	14.826
1/13/2017 10:45:00 AM	132300.000	20.354	16.143
46.394	2239.417	2695.418	1.407
1832.885	446.545	1.000	14.824
1/13/2017 11:00:00 AM	133200.000	20.358	16.143
46.402	2239.105	2695.017	1.407
1832.611	446.607	1.000	14.822
1/13/2017 11:15:00 AM	134100.000	20.349	16.143
46.382	2238.949	2694.855	1.406
1832.502	446.638	1.000	14.825
1/13/2017 11:30:00 AM	135000.000	20.351	16.142
46.387	2238.828	2694.726	1.406
1832.414	446.662	1.000	14.817
1/13/2017 11:45:00 AM	135900.000	20.356	16.142
46.399	2238.704	2694.582	1.406
1832.316	446.687	1.000	14.815
1/13/2017 12:00:00 PM	136800.000	20.358	16.142
46.403	2238.178	2693.949	1.406
1831.885	446.792	1.000	14.816
1/13/2017 12:15:00 PM	137700.000	20.357	16.142
46.400	2238.346	2694.151	1.406
1832.023	446.758	1.000	14.814
1/13/2017 12:30:00 PM	138600.000	20.365	16.143
46.419	2237.986	2693.686	1.406
1831.706	446.830	1.000	14.801
1/13/2017 12:45:00 PM	139500.000	20.360	16.143
46.407	2238.047	2693.770	1.406
1831.764	446.818	1.000	14.804
1/13/2017 1:00:00 PM	140400.000	20.362	16.143
46.412	2238.521	2694.292	1.406
1832.119	446.723	1.000	14.804
1/13/2017 1:15:00 PM	141300.000	20.359	16.142
46.405	2238.453	2694.269	1.406
1832.103	446.737	1.000	14.802
1/13/2017 1:30:00 PM	142200.000	20.359	16.142
46.403	2238.207	2694.016	1.406
1831.931	446.786	1.000	14.802

1/13/2017 1:45:00 PM	143100.000	20.360	16.142
46.407	2238.543	2694.417	1.406
1832.203	446.719	1.000	14.805
1/13/2017 2:00:00 PM	144000.000	20.361	16.143
46.409	2238.163	2693.899	1.406
1831.851	446.795	1.000	14.799
1/13/2017 2:15:00 PM	144900.000	20.356	16.143
46.398	2237.886	2693.543	1.406
1831.610	446.850	1.000	14.807
1/13/2017 2:30:00 PM	145800.000	20.362	16.143
46.410	2237.812	2693.455	1.406
1831.549	446.865	1.000	14.807
1/13/2017 2:45:00 PM	146700.000	20.363	16.143
46.414	2238.070	2693.760	1.406
1831.757	446.813	1.000	14.808
1/13/2017 3:00:00 PM	147600.000	20.365	16.143
46.418	2237.649	2693.285	1.406
1831.434	446.898	1.000	14.808
1/13/2017 3:15:00 PM	148500.000	20.363	16.143
46.413	2238.365	2694.114	1.406
1831.998	446.755	1.000	14.809
1/13/2017 3:30:00 PM	149400.000	20.368	16.143
46.426	2237.572	2693.150	1.405
1831.342	446.913	1.000	14.805
1/13/2017 3:45:00 PM	150300.000	20.350	16.143
46.384	2237.715	2693.343	1.406
1831.473	446.884	1.000	14.813
1/13/2017 4:00:00 PM	151200.000	20.362	16.144
46.412	2237.075	2692.535	1.405
1830.924	447.012	1.000	14.802
1/13/2017 4:15:00 PM	152100.000	20.371	16.143
46.432	2236.892	2692.358	1.405
1830.803	447.049	1.000	14.797
1/13/2017 4:30:00 PM	153000.000	20.360	16.143
46.406	2237.105	2692.636	1.405
1830.993	447.006	1.000	14.804
1/13/2017 4:45:00 PM	153900.000	20.363	16.143
46.413	2236.794	2692.217	1.405
1830.708	447.069	1.000	14.801
1/13/2017 5:00:00 PM	154800.000	20.358	16.144
46.401	2237.427	2692.959	1.405
1831.212	446.942	1.000	14.803
1/13/2017 5:15:00 PM	155700.000	20.366	16.144
46.421	2237.323	2692.833	1.405
1831.127	446.963	1.000	14.795
1/13/2017 5:30:00 PM	156600.000	20.364	16.144
46.417	2237.834	2693.432	1.406
1831.534	446.861	1.000	14.801
1/13/2017 5:45:00 PM	157500.000	20.360	16.144
46.407	2238.466	2694.203	1.406
1832.058	446.734	1.000	14.809
1/13/2017 6:00:00 PM	158400.000	20.361	16.144
46.409	2238.423	2694.151	1.406
1832.023	446.743	1.000	14.807

1/13/2017 6:15:00 PM	159300.000	20.358	16.143
46.401	2238.728	2694.535	1.406
1832.284	446.682	1.000	14.808
1/13/2017 6:30:00 PM	160200.000	20.369	16.143
46.428	2238.982	2694.841	1.406
1832.492	446.632	1.000	14.801
1/13/2017 6:45:00 PM	161100.000	20.369	16.144
46.427	2238.660	2694.415	1.406
1832.202	446.696	1.000	14.799
1/13/2017 7:00:00 PM	162000.000	20.359	16.144
46.404	2238.678	2694.448	1.406
1832.225	446.692	1.000	14.812
1/13/2017 7:15:00 PM	162900.000	20.360	16.144
46.407	2238.704	2694.485	1.406
1832.250	446.687	1.000	14.811
1/13/2017 7:30:00 PM	163800.000	20.368	16.145
46.424	2239.285	2695.140	1.407
1832.695	446.571	1.000	14.806
1/13/2017 7:45:00 PM	164700.000	20.358	16.144
46.402	2239.352	2695.253	1.407
1832.772	446.558	1.000	14.811
1/13/2017 8:00:00 PM	165600.000	20.361	16.144
46.408	2239.439	2695.369	1.407
1832.851	446.540	1.000	14.817
1/13/2017 8:15:00 PM	166500.000	20.371	16.144
46.432	2239.073	2694.917	1.406
1832.543	446.613	1.000	14.810
1/13/2017 8:30:00 PM	167400.000	20.362	16.144
46.412	2239.269	2695.148	1.407
1832.700	446.574	1.000	14.819
1/13/2017 8:45:00 PM	168300.000	20.364	16.144
46.416	2239.579	2695.521	1.407
1832.954	446.513	1.000	14.824
1/13/2017 9:00:00 PM	169200.000	20.358	16.144
46.402	2239.521	2695.462	1.407
1832.914	446.524	1.000	14.830
1/13/2017 9:15:00 PM	170100.000	20.357	16.144
46.400	2239.742	2695.750	1.407
1833.110	446.480	1.000	14.833
1/13/2017 9:30:00 PM	171000.000	20.359	16.144
46.405	2239.396	2695.311	1.407
1832.812	446.549	1.000	14.830
1/13/2017 9:45:00 PM	171900.000	20.359	16.144
46.405	2239.393	2695.287	1.407
1832.795	446.550	1.000	14.834
1/13/2017 10:00:00 PM	172800.000	20.361	16.144
46.408	2239.573	2695.498	1.407
1832.939	446.514	1.000	14.836
1/13/2017 10:15:00 PM	173700.000	20.365	16.144
46.418	2239.846	2695.832	1.407
1833.166	446.459	1.000	14.831
1/13/2017 10:30:00 PM	174600.000	20.361	16.144
46.409	2239.291	2695.191	1.407
1832.730	446.570	1.000	14.836
1/13/2017 10:45:00 PM	175500.000	20.361	16.143

46.410	2238.831	2694.670	1.406
1832.376	446.662	1.000	14.835
1/13/2017 11:00:00 PM	176400.000	20.365	16.143
46.417	2238.780	2694.615	1.406
1832.338	446.672	1.000	14.832
1/13/2017 11:15:00 PM	177300.000	20.361	16.143
46.409	2238.180	2693.881	1.406
1831.839	446.792	1.000	14.833
1/13/2017 11:30:00 PM	178200.000	20.358	16.145
46.402	2238.414	2694.075	1.406
1831.971	446.745	1.000	14.836
1/13/2017 11:45:00 PM	179100.000	20.363	16.145
46.415	2238.328	2693.971	1.406
1831.901	446.762	1.000	14.833
1/14/2017 12:00:00 AM	180000.000	20.366	16.145
46.420	2238.588	2694.296	1.406
1832.121	446.710	1.000	14.828
1/14/2017 12:15:00 AM	180900.000	20.365	16.146
46.417	2238.425	2694.039	1.406
1831.947	446.743	1.000	14.831
1/14/2017 12:30:00 AM	181800.000	20.359	16.145
46.405	2238.458	2694.101	1.406
1831.988	446.736	1.000	14.834
1/14/2017 12:45:00 AM	182700.000	20.363	16.145
46.414	2238.645	2694.353	1.406
1832.160	446.699	1.000	14.829
1/14/2017 1:00:00 AM	183600.000	20.358	16.145
46.402	2238.512	2694.150	1.406
1832.022	446.725	1.000	14.834
1/14/2017 1:15:00 AM	184500.000	20.364	16.146
46.415	2238.628	2694.279	1.406
1832.110	446.702	1.000	14.830
1/14/2017 1:30:00 AM	185400.000	20.366	16.146
46.421	2238.800	2694.442	1.406
1832.221	446.668	1.000	14.824
1/14/2017 1:45:00 AM	186300.000	20.360	16.146
46.406	2238.760	2694.432	1.406
1832.214	446.676	1.000	14.831
1/14/2017 2:00:00 AM	187200.000	20.368	16.146
46.424	2238.903	2694.593	1.406
1832.323	446.647	1.000	14.830
1/14/2017 2:15:00 AM	188100.000	20.362	16.146
46.410	2238.799	2694.452	1.406
1832.228	446.668	1.000	14.828
1/14/2017 2:30:00 AM	189000.000	20.367	16.146
46.422	2239.367	2695.163	1.407
1832.711	446.555	1.000	14.828
1/14/2017 2:45:00 AM	189900.000	20.360	16.146
46.406	2239.347	2695.100	1.407
1832.668	446.559	1.000	14.832
1/14/2017 3:00:00 AM	190800.000	20.366	16.145
46.421	2239.497	2695.340	1.407
1832.831	446.529	1.000	14.830
1/14/2017 3:15:00 AM	191700.000	20.351	16.146

46.387	2239.481	2695.311	1.407
1832.811	446.532	1.000	14.839
1/14/2017 3:30:00 AM	192600.000	20.369	16.146
46.426	2239.594	2695.429	1.407
1832.892	446.510	1.000	14.825
1/14/2017 3:45:00 AM	193500.000	20.367	16.147
46.422	2240.231	2696.127	1.407
1833.366	446.383	1.000	14.829
1/14/2017 4:00:00 AM	194400.000	20.368	16.147
46.425	2240.354	2696.296	1.407
1833.481	446.358	1.000	14.828
1/14/2017 4:15:00 AM	195300.000	20.365	16.147
46.417	2240.653	2696.656	1.407
1833.726	446.298	1.000	14.832
1/14/2017 4:30:00 AM	196200.000	20.357	16.147
46.399	2240.449	2696.389	1.407
1833.544	446.339	1.000	14.840
1/14/2017 4:45:00 AM	197100.000	20.369	16.146
46.426	2240.924	2697.019	1.408
1833.973	446.245	1.000	14.829
1/14/2017 5:00:00 AM	198000.000	20.361	16.146
46.409	2240.629	2696.671	1.407
1833.737	446.303	1.000	14.837
1/14/2017 5:15:00 AM	198900.000	20.369	16.146
46.428	2240.495	2696.493	1.407
1833.616	446.330	1.000	14.824
1/14/2017 5:30:00 AM	199800.000	20.362	16.147
46.411	2240.537	2696.522	1.407
1833.635	446.322	1.000	14.838
1/14/2017 5:45:00 AM	200700.000	20.372	16.146
46.433	2240.844	2696.902	1.408
1833.893	446.260	1.000	14.825
1/14/2017 6:00:00 AM	201600.000	20.368	16.147
46.424	2241.107	2697.197	1.408
1834.094	446.208	1.000	14.827
1/14/2017 6:15:00 AM	202500.000	20.372	16.147
46.435	2241.330	2697.465	1.408
1834.276	446.164	1.000	14.826
1/14/2017 6:30:00 AM	203400.000	20.370	16.147
46.429	2241.300	2697.434	1.408
1834.255	446.170	1.000	14.827
1/14/2017 6:45:00 AM	204300.000	20.376	16.147
46.444	2241.261	2697.371	1.408
1834.213	446.177	1.000	14.822
1/14/2017 7:00:00 AM	205200.000	20.365	16.146
46.418	2241.390	2697.559	1.408
1834.340	446.152	1.000	14.832
1/14/2017 7:15:00 AM	206100.000	20.371	16.146
46.432	2241.335	2697.494	1.408
1834.296	446.163	1.000	14.830
1/14/2017 7:30:00 AM	207000.000	20.372	16.146
46.435	2241.429	2697.618	1.408
1834.380	446.144	1.000	14.829
1/14/2017 7:45:00 AM	207900.000	20.370	16.147
46.429	2241.209	2697.320	1.408

1834.177	446.188	1.000	14.827
1/14/2017 8:00:00 AM	208800.000	20.369	16.147
46.428	2241.420	2697.568	1.408
1834.346	446.146	1.000	14.829
1/14/2017 8:15:00 AM	209700.000	20.373	16.146
46.437	2241.008	2697.099	1.408
1834.028	446.228	1.000	14.826
1/14/2017 8:30:00 AM	210600.000	20.368	16.147
46.426	2240.751	2696.779	1.407
1833.810	446.279	1.000	14.832
1/14/2017 8:45:00 AM	211500.000	20.370	16.147
46.430	2240.856	2696.889	1.408
1833.885	446.258	1.000	14.835
1/14/2017 9:00:00 AM	212400.000	20.368	16.147
46.425	2241.285	2697.384	1.408
1834.221	446.173	1.000	14.838
1/14/2017 9:15:00 AM	213300.000	20.370	16.147
46.431	2241.636	2697.795	1.408
1834.501	446.103	1.000	14.838
1/14/2017 9:30:00 AM	214200.000	20.368	16.147
46.424	2241.639	2697.821	1.408
1834.518	446.102	1.000	14.843
1/14/2017 9:45:00 AM	215100.000	20.370	16.147
46.430	2241.685	2697.881	1.408
1834.559	446.093	1.000	14.843
1/14/2017 10:00:00 AM	216000.000	20.365	16.147
46.418	2241.936	2698.183	1.408
1834.765	446.043	1.000	14.844
1/14/2017 10:15:00 AM	216900.000	20.373	16.148
46.436	2241.752	2697.924	1.408
1834.589	446.080	1.000	14.834
1/14/2017 10:30:00 AM	217800.000	20.373	16.147
46.436	2241.405	2697.555	1.408
1834.338	446.149	1.000	14.833
1/14/2017 10:45:00 AM	218700.000	20.374	16.147
46.440	2241.402	2697.536	1.408
1834.325	446.149	1.000	14.831
1/14/2017 11:00:00 AM	219600.000	20.375	16.147
46.441	2241.385	2697.532	1.408
1834.322	446.153	1.000	14.828
1/14/2017 11:15:00 AM	220500.000	20.382	16.147
46.457	2241.332	2697.429	1.408
1834.252	446.163	1.000	14.828
1/14/2017 11:30:00 AM	221400.000	20.376	16.147
46.443	2241.429	2697.569	1.408
1834.347	446.144	1.000	14.827
1/14/2017 11:45:00 AM	222300.000	20.382	16.148
46.457	2241.602	2697.744	1.408
1834.466	446.109	1.000	14.814
1/14/2017 12:00:00 PM	223200.000	20.373	16.147
46.436	2241.229	2697.316	1.408
1834.175	446.184	1.000	14.818
1/14/2017 12:15:00 PM	224100.000	20.389	16.147
46.472	2240.869	2696.867	1.408

1833.870	446.255	1.000	14.811
1/14/2017 12:30:00 PM	225000.000	20.374	16.148
46.439	2241.168	2697.177	1.408
1834.081	446.196	1.000	14.810
1/14/2017 12:45:00 PM	225900.000	20.374	16.148
46.439	2241.077	2697.084	1.408
1834.017	446.214	1.000	14.803
1/14/2017 1:00:00 PM	226800.000	20.377	16.148
46.445	2240.778	2696.752	1.407
1833.792	446.273	1.000	14.801
1/14/2017 1:15:00 PM	227700.000	20.382	16.147
46.456	2240.988	2697.037	1.408
1833.985	446.232	1.000	14.793
1/14/2017 1:30:00 PM	228600.000	20.377	16.147
46.446	2240.830	2696.857	1.408
1833.863	446.263	1.000	14.794
1/14/2017 1:45:00 PM	229500.000	20.383	16.146
46.460	2240.886	2696.957	1.408
1833.931	446.252	1.000	14.792
1/14/2017 2:00:00 PM	230400.000	20.378	16.147
46.448	2240.536	2696.488	1.407
1833.612	446.322	1.000	14.795
1/14/2017 2:15:00 PM	231300.000	20.379	16.147
46.449	2240.348	2696.289	1.407
1833.477	446.359	1.000	14.794
1/14/2017 2:30:00 PM	232200.000	20.380	16.148
46.451	2240.387	2696.265	1.407
1833.461	446.351	1.000	14.799
1/14/2017 2:45:00 PM	233100.000	20.373	16.148
46.437	2240.860	2696.829	1.408
1833.844	446.257	1.000	14.801
1/14/2017 3:00:00 PM	234000.000	20.381	16.148
46.454	2241.057	2697.072	1.408
1834.009	446.218	1.000	14.793
1/14/2017 3:15:00 PM	234900.000	20.388	16.148
46.470	2241.211	2697.251	1.408
1834.131	446.187	1.000	14.785
1/14/2017 3:30:00 PM	235800.000	20.384	16.148
46.462	2241.323	2697.392	1.408
1834.227	446.165	1.000	14.794
1/14/2017 3:45:00 PM	236700.000	20.390	16.148
46.475	2241.413	2697.510	1.408
1834.307	446.147	1.000	14.794
1/14/2017 4:00:00 PM	237600.000	20.377	16.148
46.446	2241.226	2697.247	1.408
1834.128	446.184	1.000	14.797
1/14/2017 4:15:00 PM	238500.000	20.378	16.148
46.449	2241.395	2697.478	1.408
1834.285	446.151	1.000	14.796
1/14/2017 4:30:00 PM	239400.000	20.373	16.148
46.436	2241.453	2697.520	1.408
1834.314	446.139	1.000	14.805
1/14/2017 4:45:00 PM	240300.000	20.376	16.148
46.444	2242.186	2698.408	1.408
1834.918	445.993	1.000	14.800

1/14/2017 5:00:00 PM	241200.000	20.366	16.149
46.421	2242.191	2698.387	1.408
1834.903	445.992	1.000	14.804
1/14/2017 5:15:00 PM	242100.000	20.375	16.149
46.440	2241.755	2697.841	1.408
1834.532	446.079	1.000	14.794
1/14/2017 5:30:00 PM	243000.000	20.380	16.148
46.452	2242.258	2698.490	1.408
1834.973	445.979	1.000	14.795
1/14/2017 5:45:00 PM	243900.000	20.380	16.149
46.452	2241.838	2697.935	1.408
1834.596	446.063	1.000	14.791
1/14/2017 6:00:00 PM	244800.000	20.377	16.149
46.445	2242.127	2698.293	1.408
1834.839	446.005	1.000	14.797
1/14/2017 6:15:00 PM	245700.000	20.373	16.149
46.436	2241.531	2697.544	1.408
1834.330	446.124	1.000	14.801
1/14/2017 6:30:00 PM	246600.000	20.381	16.149
46.456	2241.868	2697.949	1.408
1834.605	446.057	1.000	14.795
1/14/2017 6:45:00 PM	247500.000	20.371	16.149
46.432	2242.162	2698.297	1.408
1834.842	445.998	1.000	14.800
1/14/2017 7:00:00 PM	248400.000	20.381	16.149
46.454	2242.180	2698.319	1.408
1834.857	445.994	1.000	14.791
1/14/2017 7:15:00 PM	249300.000	20.379	16.150
46.449	2242.420	2698.603	1.409
1835.050	445.947	1.000	14.793
1/14/2017 7:30:00 PM	250200.000	20.375	16.150
46.442	2242.887	2699.165	1.409
1835.432	445.854	1.000	14.796
1/14/2017 7:45:00 PM	251100.000	20.386	16.150
46.466	2242.832	2699.061	1.409
1835.361	445.865	1.000	14.792
1/14/2017 8:00:00 PM	252000.000	20.379	16.149
46.449	2243.003	2699.315	1.409
1835.534	445.831	1.000	14.793
1/14/2017 8:15:00 PM	252900.000	20.366	16.150
46.421	2243.051	2699.329	1.409
1835.544	445.821	1.000	14.805
1/14/2017 8:30:00 PM	253800.000	20.383	16.150
46.458	2243.885	2700.360	1.409
1836.245	445.656	1.000	14.792
1/14/2017 8:45:00 PM	254700.000	20.377	16.150
46.445	2243.345	2699.700	1.409
1835.796	445.763	1.000	14.797
1/14/2017 9:00:00 PM	255600.000	20.382	16.149
46.458	2243.441	2699.836	1.409
1835.889	445.744	1.000	14.791
1/14/2017 9:15:00 PM	256500.000	20.370	16.149
46.430	2243.376	2699.758	1.409
1835.836	445.757	1.000	14.800

1/14/2017 9:30:00 PM	257400.000	20.377	16.150
46.445	2243.058	2699.349	1.409
1835.557	445.820	1.000	14.793
1/14/2017 9:45:00 PM	258300.000	20.380	16.150
46.453	2243.042	2699.302	1.409
1835.526	445.823	1.000	14.794
1/14/2017 10:00:00 PM	259200.000	20.386	16.150
46.465	2242.905	2699.170	1.409
1835.436	445.850	1.000	14.792
1/14/2017 10:15:00 PM	260100.000	20.383	16.150
46.459	2243.232	2699.542	1.409
1835.689	445.785	1.000	14.792
1/14/2017 10:30:00 PM	261000.000	20.377	16.150
46.445	2243.522	2699.907	1.409
1835.937	445.728	1.000	14.794
1/14/2017 10:45:00 PM	261900.000	20.374	16.151
46.439	2243.630	2699.994	1.409
1835.996	445.706	1.000	14.797
1/14/2017 11:00:00 PM	262800.000	20.383	16.150
46.460	2243.893	2700.320	1.409
1836.218	445.654	1.000	14.791
1/14/2017 11:15:00 PM	263700.000	20.383	16.151
46.459	2243.837	2700.220	1.409
1836.150	445.665	1.000	14.795
1/14/2017 11:30:00 PM	264600.000	20.375	16.151
46.440	2244.015	2700.413	1.410
1836.281	445.630	1.000	14.796
1/14/2017 11:45:00 PM	265500.000	20.379	16.151
46.449	2243.813	2700.180	1.409
1836.123	445.670	1.000	14.802
1/15/2017 12:00:00 AM	266400.000	20.378	16.151
46.448	2244.021	2700.415	1.410
1836.282	445.629	1.000	14.797
1/15/2017 12:15:00 AM	267300.000	20.369	16.151
46.428	2244.311	2700.763	1.410
1836.519	445.571	1.000	14.799
1/15/2017 12:30:00 AM	268200.000	20.380	16.152
46.452	2244.689	2701.192	1.410
1836.810	445.496	1.000	14.796
1/15/2017 12:45:00 AM	269100.000	20.376	16.153
46.443	2244.584	2701.016	1.410
1836.691	445.517	1.000	14.790
1/15/2017 1:00:00 AM	270000.000	20.380	16.152
46.452	2244.792	2701.316	1.410
1836.895	445.476	1.000	14.793
1/15/2017 1:15:00 AM	270900.000	20.369	16.152
46.428	2245.283	2701.895	1.410
1837.289	445.378	1.000	14.794
1/15/2017 1:30:00 AM	271800.000	20.385	16.152
46.463	2244.888	2701.393	1.410
1836.948	445.456	1.000	14.786
1/15/2017 1:45:00 AM	272700.000	20.378	16.152
46.449	2245.225	2701.825	1.410
1837.241	445.390	1.000	14.793
1/15/2017 2:00:00 AM	273600.000	20.374	16.152

46.439	2245.247	2701.847	1.410
1837.256	445.385	1.000	14.794
1/15/2017 2:15:00 AM	274500.000	20.381	16.153
46.455	2245.369	2701.956	1.410
1837.330	445.361	1.000	14.786
1/15/2017 2:30:00 AM	275400.000	20.372	16.153
46.434	2245.598	2702.242	1.411
1837.525	445.316	1.000	14.796
1/15/2017 2:45:00 AM	276300.000	20.375	16.152
46.441	2245.219	2701.791	1.410
1837.218	445.391	1.000	14.800
1/15/2017 3:00:00 AM	277200.000	20.378	16.153
46.447	2245.541	2702.173	1.410
1837.477	445.327	1.000	14.793
1/15/2017 3:15:00 AM	278100.000	20.376	16.152
46.444	2245.640	2702.309	1.411
1837.570	445.307	1.000	14.798
1/15/2017 3:30:00 AM	279000.000	20.377	16.153
46.445	2245.674	2702.322	1.411
1837.579	445.301	1.000	14.794
1/15/2017 3:45:00 AM	279900.000	20.387	16.153
46.469	2245.856	2702.525	1.411
1837.717	445.265	1.000	14.792
1/15/2017 4:00:00 AM	280800.000	20.373	16.153
46.437	2246.340	2703.102	1.411
1838.109	445.169	1.000	14.798
1/15/2017 4:15:00 AM	281700.000	20.373	16.154
46.437	2246.141	2702.813	1.411
1837.913	445.208	1.000	14.798
1/15/2017 4:30:00 AM	282600.000	20.389	16.154
46.472	2246.647	2703.438	1.411
1838.338	445.108	1.000	14.788
1/15/2017 4:45:00 AM	283500.000	20.380	16.154
46.452	2246.455	2703.197	1.411
1838.174	445.146	1.000	14.791
1/15/2017 5:00:00 AM	284400.000	20.382	16.154
46.457	2246.725	2703.489	1.411
1838.372	445.092	1.000	14.787
1/15/2017 5:15:00 AM	285300.000	20.376	16.154
46.442	2246.910	2703.733	1.411
1838.539	445.056	1.000	14.792
1/15/2017 5:30:00 AM	286200.000	20.376	16.155
46.443	2247.221	2704.058	1.412
1838.760	444.994	1.000	14.790
1/15/2017 5:45:00 AM	287100.000	20.374	16.155
46.439	2247.351	2704.221	1.412
1838.870	444.968	1.000	14.792
1/15/2017 6:00:00 AM	288000.000	20.381	16.155
46.456	2247.464	2704.323	1.412
1838.940	444.946	1.000	14.786
1/15/2017 6:15:00 AM	288900.000	20.373	16.155
46.437	2247.611	2704.505	1.412
1839.063	444.917	1.000	14.793
1/15/2017 6:30:00 AM	289800.000	20.384	16.155

46.461	2248.009	2704.990	1.412
1839.393	444.838	1.000	14.792
1/15/2017 6:45:00 AM	290700.000	20.379	16.155
46.449	2248.114	2705.116	1.412
1839.479	444.817	1.000	14.786
1/15/2017 7:00:00 AM	291600.000	20.382	16.155
46.457	2248.194	2705.208	1.412
1839.541	444.801	1.000	14.789
1/15/2017 7:15:00 AM	292500.000	20.382	16.155
46.457	2248.531	2705.607	1.412
1839.813	444.735	1.000	14.789
1/15/2017 7:30:00 AM	293400.000	20.382	16.156
46.457	2248.235	2705.208	1.412
1839.542	444.793	1.000	14.787
1/15/2017 7:45:00 AM	294300.000	20.376	16.155
46.443	2248.739	2705.840	1.412
1839.971	444.694	1.000	14.786
1/15/2017 8:00:00 AM	295200.000	20.378	16.156
46.448	2248.935	2706.055	1.413
1840.118	444.655	1.000	14.793
1/15/2017 8:15:00 AM	296100.000	20.381	16.156
46.455	2248.921	2706.038	1.413
1840.106	444.658	1.000	14.792
1/15/2017 8:30:00 AM	297000.000	20.380	16.156
46.451	2249.393	2706.562	1.413
1840.462	444.564	1.000	14.794
1/15/2017 8:45:00 AM	297900.000	20.377	16.156
46.446	2249.194	2706.334	1.413
1840.307	444.604	1.000	14.799
1/15/2017 9:00:00 AM	298800.000	20.368	16.156
46.426	2249.500	2706.713	1.413
1840.565	444.543	1.000	14.803
1/15/2017 9:15:00 AM	299700.000	20.377	16.157
46.446	2249.196	2706.292	1.413
1840.279	444.603	1.000	14.804
1/15/2017 9:30:00 AM	300600.000	20.375	16.157
46.441	2249.058	2706.115	1.413
1840.159	444.631	1.000	14.803
1/15/2017 9:45:00 AM	301500.000	20.375	16.157
46.441	2249.237	2706.353	1.413
1840.320	444.595	1.000	14.806
1/15/2017 10:00:00 AM	302400.000	20.383	16.157
46.460	2249.381	2706.521	1.413
1840.435	444.567	1.000	14.806
1/15/2017 10:15:00 AM	303300.000	20.381	16.157
46.453	2248.991	2706.040	1.413
1840.107	444.644	1.000	14.812
1/15/2017 10:30:00 AM	304200.000	20.377	16.157
46.445	2249.116	2706.175	1.413
1840.199	444.619	1.000	14.814
1/15/2017 10:45:00 AM	305100.000	20.376	16.158
46.443	2249.241	2706.304	1.413
1840.287	444.594	1.000	14.811
1/15/2017 11:00:00 AM	306000.000	20.377	16.158
46.445	2249.064	2706.090	1.413

1840.141	444.629	1.000	14.809
1/15/2017 11:15:00 AM	306900.000	20.376	16.158
46.444	2249.104	2706.122	1.413
1840.163	444.621	1.000	14.803
1/15/2017 11:30:00 AM	307800.000	20.379	16.158
46.450	2249.220	2706.240	1.413
1840.243	444.599	1.000	14.803
1/15/2017 11:45:00 AM	308700.000	20.376	16.158
46.442	2249.123	2706.128	1.413
1840.167	444.618	1.000	14.799
1/15/2017 12:00:00 PM	309600.000	20.378	16.158
46.447	2249.284	2706.312	1.413
1840.292	444.586	1.000	14.793
1/15/2017 12:15:00 PM	310500.000	20.378	16.158
46.448	2249.189	2706.213	1.413
1840.225	444.605	1.000	14.792
1/15/2017 12:30:00 PM	311400.000	20.385	16.158
46.465	2248.838	2705.780	1.412
1839.930	444.674	1.000	14.782
1/15/2017 12:45:00 PM	312300.000	20.386	16.158
46.466	2248.959	2705.920	1.413
1840.026	444.650	1.000	14.778
1/15/2017 1:00:00 PM	313200.000	20.392	16.158
46.481	2249.129	2706.125	1.413
1840.165	444.617	1.000	14.773
1/15/2017 1:15:00 PM	314100.000	20.385	16.158
46.463	2249.284	2706.344	1.413
1840.314	444.586	1.000	14.769
1/15/2017 1:30:00 PM	315000.000	20.374	16.159
46.438	2249.064	2706.020	1.413
1840.094	444.629	1.000	14.779
1/15/2017 1:45:00 PM	315900.000	20.383	16.159
46.459	2249.388	2706.426	1.413
1840.370	444.565	1.000	14.769
1/15/2017 2:00:00 PM	316800.000	20.383	16.159
46.459	2249.075	2706.026	1.413
1840.098	444.627	1.000	14.770
1/15/2017 2:15:00 PM	317700.000	20.375	16.159
46.442	2249.407	2706.448	1.413
1840.385	444.562	1.000	14.778
1/15/2017 2:30:00 PM	318600.000	20.376	16.159
46.444	2249.125	2706.087	1.413
1840.139	444.617	1.000	14.780
1/15/2017 2:45:00 PM	319500.000	20.384	16.159
46.461	2249.576	2706.635	1.413
1840.512	444.528	1.000	14.774
1/15/2017 3:00:00 PM	320400.000	20.387	16.159
46.467	2249.685	2706.777	1.413
1840.609	444.507	1.000	14.770
1/15/2017 3:15:00 PM	321300.000	20.384	16.158
46.461	2249.749	2706.876	1.413
1840.676	444.494	1.000	14.774
1/15/2017 3:30:00 PM	322200.000	20.381	16.158
46.455	2249.861	2706.999	1.413

1840.760	444.472	1.000	14.777
1/15/2017 3:45:00 PM	323100.000	20.384	16.159
46.462	2249.770	2706.868	1.413
1840.670	444.490	1.000	14.773
1/15/2017 4:00:00 PM	324000.000	20.380	16.159
46.453	2249.794	2706.870	1.413
1840.671	444.485	1.000	14.776
1/15/2017 4:15:00 PM	324900.000	20.373	16.159
46.436	2250.203	2707.351	1.413
1840.999	444.404	1.000	14.781
1/15/2017 4:30:00 PM	325800.000	20.380	16.160
46.451	2250.387	2707.546	1.413
1841.131	444.368	1.000	14.772
1/15/2017 4:45:00 PM	326700.000	20.375	16.160
46.440	2250.319	2707.474	1.413
1841.082	444.382	1.000	14.779
1/15/2017 5:00:00 PM	327600.000	20.377	16.160
46.445	2249.779	2706.781	1.413
1840.611	444.488	1.000	14.776
1/15/2017 5:15:00 PM	328500.000	20.381	16.161
46.456	2249.769	2706.764	1.413
1840.599	444.490	1.000	14.772
1/15/2017 5:30:00 PM	329400.000	20.366	16.161
46.421	2249.510	2706.442	1.413
1840.380	444.541	1.000	14.784
1/15/2017 5:45:00 PM	330300.000	20.380	16.161
46.452	2249.795	2706.778	1.413
1840.609	444.485	1.000	14.778
1/15/2017 6:00:00 PM	331200.000	20.374	16.161
46.438	2250.058	2707.089	1.413
1840.821	444.433	1.000	14.779
1/15/2017 6:15:00 PM	332100.000	20.385	16.160
46.463	2250.128	2707.206	1.413
1840.900	444.419	1.000	14.773
1/15/2017 6:30:00 PM	333000.000	20.380	16.162
46.453	2250.455	2707.523	1.413
1841.116	444.355	1.000	14.781
1/15/2017 6:45:00 PM	333900.000	20.383	16.161
46.459	2251.126	2708.369	1.414
1841.691	444.222	1.000	14.780
1/15/2017 7:00:00 PM	334800.000	20.378	16.161
46.448	2251.115	2708.350	1.414
1841.678	444.224	1.000	14.790
1/15/2017 7:15:00 PM	335700.000	20.381	16.161
46.455	2250.907	2708.099	1.414
1841.508	444.265	1.000	14.784
1/15/2017 7:30:00 PM	336600.000	20.379	16.161
46.449	2251.043	2708.247	1.414
1841.608	444.239	1.000	14.786
1/15/2017 7:45:00 PM	337500.000	20.374	16.162
46.437	2250.604	2707.670	1.414
1841.216	444.325	1.000	14.787
1/15/2017 8:00:00 PM	338400.000	20.370	16.162
46.431	2249.886	2706.834	1.413
1840.647	444.467	1.000	14.794

1/15/2017 8:15:00 PM	339300.000	20.378	16.162
46.449	2247.659	2704.126	1.412
1838.806	444.907	1.000	14.786
1/15/2017 8:30:00 PM	340200.000	20.372	16.162
46.433	2245.904	2702.003	1.410
1837.362	445.255	1.000	14.790
1/15/2017 8:45:00 PM	341100.000	20.373	16.163
46.437	2244.295	2700.046	1.409
1836.031	445.574	1.000	14.792
1/15/2017 9:00:00 PM	342000.000	20.371	16.162
46.433	2242.542	2697.949	1.408
1834.606	445.922	1.000	14.792
1/15/2017 9:15:00 PM	342900.000	20.376	16.163
46.444	2240.574	2695.548	1.407
1832.973	446.314	1.000	14.795
1/15/2017 9:30:00 PM	343800.000	20.380	16.163
46.453	2239.457	2694.199	1.406
1832.055	446.537	1.000	14.792
1/15/2017 9:45:00 PM	344700.000	20.376	16.163
46.444	2237.993	2692.454	1.405
1830.869	446.829	1.000	14.792
1/15/2017 10:00:00 PM	345600.000	20.374	16.163
46.438	2237.572	2691.931	1.405
1830.513	446.913	1.000	14.790
1/15/2017 10:15:00 PM	346500.000	20.374	16.164
46.439	2236.938	2691.136	1.404
1829.973	447.040	1.000	14.792
1/15/2017 10:30:00 PM	347400.000	20.374	16.164
46.439	2236.186	2690.209	1.404
1829.343	447.190	1.000	14.798
1/15/2017 10:45:00 PM	348300.000	20.369	16.164
46.427	2235.309	2689.165	1.403
1828.632	447.365	1.000	14.800
1/15/2017 11:00:00 PM	349200.000	20.378	16.164
46.448	2234.751	2688.457	1.403
1828.151	447.477	1.000	14.801
1/15/2017 11:15:00 PM	350100.000	20.375	16.164
46.440	2234.363	2687.994	1.403
1827.836	447.555	1.000	14.796
1/15/2017 11:30:00 PM	351000.000	20.364	16.164
46.415	2233.485	2686.944	1.402
1827.122	447.731	1.000	14.811
1/15/2017 11:45:00 PM	351900.000	20.369	16.164
46.426	2232.800	2686.114	1.402
1826.557	447.868	1.000	14.800
1/16/2017 12:00:00 AM	352800.000	20.368	16.165
46.426	2231.967	2685.042	1.401
1825.828	448.035	1.000	14.797
1/16/2017 12:15:00 AM	353700.000	20.374	16.165
46.438	2230.900	2683.812	1.400
1824.992	448.250	1.000	14.797
1/16/2017 12:30:00 AM	354600.000	20.375	16.164
46.441	2229.635	2682.307	1.400
1823.969	448.504	1.000	14.794

1/16/2017 12:45:00 AM	355500.000	20.368	16.165
46.425	2228.269	2680.620	1.399
1822.822	448.779	1.000	14.793
1/16/2017 1:00:00 AM	356400.000	20.378	16.166
46.448	2226.974	2679.029	1.398
1821.740	449.040	1.000	14.792
1/16/2017 1:15:00 AM	357300.000	20.379	16.165
46.450	2225.921	2677.795	1.397
1820.901	449.252	1.000	14.791
1/16/2017 1:30:00 AM	358200.000	20.375	16.165
46.441	2224.192	2675.726	1.396
1819.494	449.602	1.000	14.789
1/16/2017 1:45:00 AM	359100.000	20.376	16.166
46.443	2223.085	2674.346	1.395
1818.555	449.825	1.000	14.788
1/16/2017 2:00:00 AM	360000.000	20.373	16.165
46.436	2221.610	2672.604	1.394
1817.371	450.124	1.000	14.788
1/16/2017 2:15:00 AM	360900.000	20.373	16.165
46.437	2220.186	2670.906	1.393
1816.216	450.413	1.000	14.782
1/16/2017 2:30:00 AM	361800.000	20.390	16.165
46.474	2218.913	2669.344	1.392
1815.154	450.671	1.000	14.775
1/16/2017 2:45:00 AM	362700.000	20.387	16.166
46.469	2217.230	2667.291	1.391
1813.758	451.013	1.000	14.779
1/16/2017 3:00:00 AM	363600.000	20.382	16.165
46.456	2215.335	2665.044	1.390
1812.230	451.399	1.000	14.779
1/16/2017 3:15:00 AM	364500.000	20.383	16.166
46.458	2214.025	2663.447	1.389
1811.144	451.666	1.000	14.784
1/16/2017 3:30:00 AM	365400.000	20.372	16.166
46.434	2212.915	2662.116	1.388
1810.239	451.893	1.000	14.789
1/16/2017 3:45:00 AM	366300.000	20.374	16.165
46.438	2212.109	2661.152	1.388
1809.584	452.057	1.000	14.785
1/16/2017 4:00:00 AM	367200.000	20.366	16.166
46.420	2210.540	2659.249	1.387
1808.289	452.378	1.000	14.788
1/16/2017 4:15:00 AM	368100.000	20.375	16.166
46.440	2209.404	2657.871	1.386
1807.353	452.611	1.000	14.782
1/16/2017 4:30:00 AM	369000.000	20.374	16.166
46.439	2208.424	2656.687	1.385
1806.547	452.812	1.000	14.784
1/16/2017 4:45:00 AM	369900.000	20.383	16.166
46.459	2207.282	2655.314	1.385
1805.614	453.046	1.000	14.785
1/16/2017 5:00:00 AM	370800.000	20.372	16.167
46.434	2205.433	2653.046	1.383
1804.072	453.426	1.000	14.780
1/16/2017 5:15:00 AM	371700.000	20.378	16.166

46.448	2204.607	2652.080	1.383
1803.414	453.596	1.000	14.793
1/16/2017 5:30:00 AM	372600.000	20.369	16.166
46.426	2203.064	2650.229	1.382
1802.156	453.913	1.000	14.792
1/16/2017 5:45:00 AM	373500.000	20.371	16.166
46.431	2202.087	2649.070	1.381
1801.367	454.115	1.000	14.796
1/16/2017 6:00:00 AM	374400.000	20.374	16.166
46.438	2200.937	2647.653	1.381
1800.404	454.352	1.000	14.795
1/16/2017 6:15:00 AM	375300.000	20.375	16.166
46.442	2200.104	2646.657	1.380
1799.727	454.524	1.000	14.792
1/16/2017 6:30:00 AM	376200.000	20.372	16.167
46.434	2198.667	2644.892	1.379
1798.526	454.821	1.000	14.793
1/16/2017 6:45:00 AM	377100.000	20.371	16.166
46.431	2197.719	2643.799	1.378
1797.783	455.017	1.000	14.798
1/16/2017 7:00:00 AM	378000.000	20.383	16.167
46.458	2196.216	2641.953	1.377
1796.528	455.329	1.000	14.789
1/16/2017 7:15:00 AM	378900.000	20.362	16.166
46.411	2194.772	2640.233	1.376
1795.359	455.628	1.000	14.802
1/16/2017 7:30:00 AM	379800.000	20.376	16.167
46.444	2193.763	2639.009	1.376
1794.526	455.838	1.000	14.797
1/16/2017 7:45:00 AM	380700.000	20.372	16.167
46.433	2192.093	2636.994	1.375
1793.156	456.185	1.000	14.800
1/16/2017 8:00:00 AM	381600.000	20.377	16.167
46.445	2190.930	2635.600	1.374
1792.208	456.427	1.000	14.792
1/16/2017 8:15:00 AM	382500.000	20.375	16.167
46.440	2189.657	2634.068	1.373
1791.167	456.693	1.000	14.803
1/16/2017 8:30:00 AM	383400.000	20.363	16.167
46.413	2188.478	2632.628	1.372
1790.188	456.939	1.000	14.808
1/16/2017 8:45:00 AM	384300.000	20.373	16.168
46.436	2186.826	2630.604	1.371
1788.811	457.284	1.000	14.805
1/16/2017 9:00:00 AM	385200.000	20.369	16.167
46.428	2185.153	2628.628	1.370
1787.467	457.634	1.000	14.808
1/16/2017 9:15:00 AM	386100.000	20.369	16.167
46.427	2183.984	2627.207	1.369
1786.501	457.879	1.000	14.809
1/16/2017 9:30:00 AM	387000.000	20.370	16.167
46.430	2182.552	2625.484	1.368
1785.329	458.179	1.000	14.801
1/16/2017 9:45:00 AM	387900.000	20.377	16.167

46.445	2180.601	2623.148	1.367
1783.741	458.589	1.000	14.807
1/16/2017 10:00:00 AM	388800.000	20.365	16.167
46.418	2179.157	2621.401	1.366
1782.553	458.893	1.000	14.812
1/16/2017 10:15:00 AM	389700.000	20.369	16.167
46.427	2177.911	2619.907	1.365
1781.537	459.156	1.000	14.809
1/16/2017 10:30:00 AM	390600.000	20.366	16.167
46.420	2176.599	2618.334	1.364
1780.467	459.432	1.000	14.815
1/16/2017 10:45:00 AM	391500.000	20.364	16.168
46.416	2175.246	2616.653	1.363
1779.324	459.718	1.000	14.811
1/16/2017 11:00:00 AM	392400.000	20.366	16.168
46.420	2173.396	2614.434	1.362
1777.815	460.109	1.000	14.809
1/16/2017 11:15:00 AM	393300.000	20.365	16.168
46.417	2171.799	2612.507	1.361
1776.505	460.448	1.000	14.809
1/16/2017 11:30:00 AM	394200.000	20.366	16.168
46.421	2169.899	2610.216	1.360
1774.947	460.851	1.000	14.811
1/16/2017 11:45:00 AM	395100.000	20.371	16.167
46.432	2169.019	2609.200	1.359
1774.256	461.038	1.000	14.806
1/16/2017 12:00:00 PM	396000.000	20.371	16.167
46.432	2167.622	2607.534	1.358
1773.124	461.335	1.000	14.795
1/16/2017 12:15:00 PM	396900.000	20.369	16.168
46.427	2166.689	2606.371	1.358
1772.332	461.534	1.000	14.792
1/16/2017 12:30:00 PM	397800.000	20.372	16.168
46.435	2165.326	2604.725	1.357
1771.213	461.824	1.000	14.790
1/16/2017 12:45:00 PM	398700.000	20.369	16.168
46.427	2164.323	2603.508	1.356
1770.386	462.038	1.000	14.788
1/16/2017 1:00:00 PM	399600.000	20.367	16.168
46.423	2162.892	2601.798	1.355
1769.223	462.344	1.000	14.786
1/16/2017 1:15:00 PM	400500.000	20.380	16.168
46.453	2162.341	2601.135	1.355
1768.772	462.462	1.000	14.779
1/16/2017 1:30:00 PM	401400.000	20.372	16.168
46.435	2161.029	2599.572	1.354
1767.709	462.743	1.000	14.778
1/16/2017 1:45:00 PM	402300.000	20.373	16.168
46.436	2160.352	2598.742	1.354
1767.145	462.888	1.000	14.777
1/16/2017 2:00:00 PM	403200.000	20.381	16.168
46.454	2159.364	2597.565	1.353
1766.344	463.099	1.000	14.770
1/16/2017 2:15:00 PM	404100.000	20.377	16.168
46.445	2158.826	2596.911	1.353

1765.900	463.215	1.000	14.773
1/16/2017 2:30:00 PM	405000.000	20.375	16.168
46.441	2157.763	2595.627	1.352
1765.027	463.443	1.000	14.775
1/16/2017 2:45:00 PM	405900.000	20.373	16.168
46.437	2156.970	2594.695	1.351
1764.393	463.613	1.000	14.775
1/16/2017 3:00:00 PM	406800.000	20.379	16.167
46.451	2156.133	2593.693	1.351
1763.711	463.793	1.000	14.770
1/16/2017 3:15:00 PM	407700.000	20.370	16.168
46.429	2155.626	2593.068	1.351
1763.286	463.902	1.000	14.771
1/16/2017 3:30:00 PM	408600.000	20.374	16.168
46.438	2155.286	2592.653	1.350
1763.004	463.976	1.000	14.769
1/16/2017 3:45:00 PM	409500.000	20.372	16.167
46.433	2154.398	2591.607	1.350
1762.293	464.167	1.000	14.771
1/16/2017 4:00:00 PM	410400.000	20.381	16.168
46.454	2153.973	2591.074	1.349
1761.931	464.258	1.000	14.769
1/16/2017 4:15:00 PM	411300.000	20.374	16.168
46.438	2153.311	2590.293	1.349
1761.400	464.401	1.000	14.771
1/16/2017 4:30:00 PM	412200.000	20.368	16.167
46.426	2152.656	2589.517	1.349
1760.871	464.542	1.000	14.775
1/16/2017 4:45:00 PM	413100.000	20.369	16.167
46.427	2152.090	2588.845	1.348
1760.415	464.665	1.000	14.770
1/16/2017 5:00:00 PM	414000.000	20.375	16.167
46.442	2150.898	2587.402	1.347
1759.433	464.922	1.000	14.765
1/16/2017 5:15:00 PM	414900.000	20.371	16.168
46.431	2150.144	2586.468	1.347
1758.799	465.085	1.000	14.772
1/16/2017 5:30:00 PM	415800.000	20.370	16.168
46.430	2149.034	2585.112	1.346
1757.876	465.325	1.000	14.770
1/16/2017 5:45:00 PM	416700.000	20.367	16.168
46.422	2148.332	2584.272	1.346
1757.305	465.478	1.000	14.776
1/16/2017 6:00:00 PM	417600.000	20.368	16.168
46.425	2147.399	2583.150	1.345
1756.542	465.680	1.000	14.775
1/16/2017 6:15:00 PM	418500.000	20.374	16.168
46.438	2146.900	2582.576	1.345
1756.152	465.788	1.000	14.770
1/16/2017 6:30:00 PM	419400.000	20.371	16.167
46.433	2146.318	2581.897	1.344
1755.690	465.914	1.000	14.769
1/16/2017 6:45:00 PM	420300.000	20.377	16.168
46.445	2145.254	2580.565	1.344

1754.784	466.145	1.000	14.771
1/16/2017 7:00:00 PM	421200.000	20.371	16.168
46.433	2144.637	2579.812	1.343
1754.272	466.279	1.000	14.769
1/16/2017 7:15:00 PM	422100.000	20.381	16.169
46.456	2143.689	2578.662	1.343
1753.490	466.486	1.000	14.771
1/16/2017 7:30:00 PM	423000.000	20.369	16.168
46.428	2143.041	2577.908	1.342
1752.977	466.627	1.000	14.775
1/16/2017 7:45:00 PM	423900.000	20.377	16.169
46.446	2142.460	2577.173	1.342
1752.478	466.753	1.000	14.770
1/16/2017 8:00:00 PM	424800.000	20.371	16.169
46.433	2141.895	2576.493	1.341
1752.016	466.876	1.000	14.771
1/16/2017 8:15:00 PM	425700.000	20.384	16.168
46.461	2141.268	2575.771	1.341
1751.524	467.013	1.000	14.773
1/16/2017 8:30:00 PM	426600.000	20.375	16.169
46.441	2140.428	2574.718	1.340
1750.808	467.196	1.000	14.779
1/16/2017 8:45:00 PM	427500.000	20.366	16.169
46.421	2139.678	2573.837	1.340
1750.209	467.360	1.000	14.784
1/16/2017 9:00:00 PM	428400.000	20.354	16.169
46.392	2138.774	2572.719	1.339
1749.449	467.557	1.000	14.790
1/16/2017 9:15:00 PM	429300.000	20.363	16.169
46.415	2137.980	2571.769	1.339
1748.803	467.731	1.000	14.786
1/16/2017 9:30:00 PM	430200.000	20.372	16.169
46.435	2137.516	2571.221	1.339
1748.430	467.833	1.000	14.778
1/16/2017 9:45:00 PM	431100.000	20.361	16.169
46.410	2136.823	2570.350	1.338
1747.838	467.984	1.000	14.784
1/16/2017 10:00:00 PM	432000.000	20.364	16.169
46.417	2136.277	2569.720	1.338
1747.410	468.104	1.000	14.785
1/16/2017 10:15:00 PM	432900.000	20.366	16.169
46.420	2134.734	2567.837	1.337
1746.129	468.442	1.000	14.779
1/16/2017 10:30:00 PM	433800.000	20.364	16.169
46.417	2134.175	2567.170	1.336
1745.676	468.565	1.000	14.779
1/16/2017 10:45:00 PM	434700.000	20.365	16.169
46.418	2133.035	2565.799	1.336
1744.743	468.816	1.000	14.784
1/16/2017 11:00:00 PM	435600.000	20.359	16.170
46.404	2132.109	2564.664	1.335
1743.971	469.019	1.000	14.785
1/16/2017 11:15:00 PM	436500.000	20.361	16.169
46.408	2131.545	2564.023	1.335
1743.536	469.143	1.000	14.780

1/16/2017 11:30:00 PM	437400.000	20.370	16.169
46.430	2130.691	2562.970	1.334
1742.820	469.331	1.000	14.774
1/16/2017 11:45:00 PM	438300.000	20.369	16.170
46.427	2129.720	2561.765	1.333
1742.000	469.545	1.000	14.776
1/17/2017 12:00:00 AM	439200.000	20.371	16.170
46.432	2128.773	2560.646	1.333
1741.240	469.754	1.000	14.778
1/17/2017 12:15:00 AM	440100.000	20.374	16.170
46.438	2127.462	2559.065	1.332
1740.164	470.044	1.000	14.775
1/17/2017 12:30:00 AM	441000.000	20.370	16.170
46.430	2126.307	2557.674	1.331
1739.219	470.299	1.000	14.776
1/17/2017 12:45:00 AM	441900.000	20.362	16.169
46.410	2125.428	2556.654	1.331
1738.525	470.493	1.000	14.775
1/17/2017 1:00:00 AM	442800.000	20.364	16.169
46.415	2124.563	2555.614	1.330
1737.817	470.685	1.000	14.780
1/17/2017 1:15:00 AM	443700.000	20.375	16.170
46.441	2123.118	2553.834	1.329
1736.608	471.005	1.000	14.774
1/17/2017 1:30:00 AM	444600.000	20.373	16.170
46.435	2122.039	2552.525	1.328
1735.717	471.245	1.000	14.775
1/17/2017 1:45:00 AM	445500.000	20.359	16.170
46.403	2121.429	2551.813	1.328
1735.233	471.380	1.000	14.782
1/17/2017 2:00:00 AM	446400.000	20.370	16.169
46.430	2120.366	2550.559	1.327
1734.380	471.617	1.000	14.780
1/17/2017 2:15:00 AM	447300.000	20.368	16.169
46.426	2119.632	2549.693	1.327
1733.791	471.780	1.000	14.775
1/17/2017 2:30:00 AM	448200.000	20.362	16.169
46.411	2118.829	2548.710	1.326
1733.123	471.959	1.000	14.775
1/17/2017 2:45:00 AM	449100.000	20.370	16.169
46.428	2117.922	2547.635	1.326
1732.392	472.161	1.000	14.772
1/17/2017 3:00:00 AM	450000.000	20.363	16.170
46.414	2116.570	2545.972	1.325
1731.261	472.463	1.000	14.777
1/17/2017 3:15:00 AM	450900.000	20.368	16.170
46.424	2115.882	2545.149	1.324
1730.702	472.616	1.000	14.777
1/17/2017 3:30:00 AM	451800.000	20.374	16.169
46.438	2114.498	2543.500	1.323
1729.580	472.926	1.000	14.767
1/17/2017 3:45:00 AM	452700.000	20.365	16.169
46.418	2113.906	2542.783	1.323
1729.093	473.058	1.000	14.776

1/17/2017 4:00:00 AM	453600.000	20.368	16.169
46.425	2112.725	2541.363	1.322
1728.127	473.322	1.000	14.775
1/17/2017 4:15:00 AM	454500.000	20.369	16.170
46.427	2112.430	2540.998	1.322
1727.878	473.388	1.000	14.778
1/17/2017 4:30:00 AM	455400.000	20.367	16.169
46.423	2111.518	2539.917	1.321
1727.144	473.593	1.000	14.773
1/17/2017 4:45:00 AM	456300.000	20.365	16.169
46.419	2110.976	2539.255	1.321
1726.693	473.714	1.000	14.774
1/17/2017 5:00:00 AM	457200.000	20.359	16.169
46.405	2110.011	2538.103	1.320
1725.910	473.931	1.000	14.784
1/17/2017 5:15:00 AM	458100.000	20.369	16.169
46.427	2109.183	2537.107	1.320
1725.233	474.117	1.000	14.770
1/17/2017 5:30:00 AM	459000.000	20.365	16.170
46.419	2108.755	2536.547	1.320
1724.852	474.213	1.000	14.775
1/17/2017 5:45:00 AM	459900.000	20.372	16.170
46.433	2108.220	2535.908	1.319
1724.418	474.334	1.000	14.773
1/17/2017 6:00:00 AM	460800.000	20.365	16.170
46.419	2107.231	2534.739	1.319
1723.623	474.556	1.000	14.772
1/17/2017 6:15:00 AM	461700.000	20.371	16.170
46.431	2106.246	2533.550	1.318
1722.814	474.778	1.000	14.773
1/17/2017 6:30:00 AM	462600.000	20.372	16.169
46.435	2105.823	2533.061	1.318
1722.481	474.874	1.000	14.773
1/17/2017 6:45:00 AM	463500.000	20.367	16.169
46.422	2104.971	2532.035	1.317
1721.784	475.066	1.000	14.775
1/17/2017 7:00:00 AM	464400.000	20.362	16.170
46.412	2104.269	2531.145	1.317
1721.179	475.224	1.000	14.773
1/17/2017 7:15:00 AM	465300.000	20.365	16.170
46.419	2102.998	2529.607	1.316
1720.133	475.512	1.000	14.781
1/17/2017 7:30:00 AM	466200.000	20.359	16.170
46.404	2102.632	2529.187	1.315
1719.847	475.594	1.000	14.775
1/17/2017 7:45:00 AM	467100.000	20.361	16.170
46.408	2101.457	2527.763	1.315
1718.879	475.860	1.000	14.780
1/17/2017 8:00:00 AM	468000.000	20.370	16.170
46.430	2101.103	2527.352	1.314
1718.599	475.941	1.000	14.769
1/17/2017 8:15:00 AM	468900.000	20.355	16.170
46.396	2100.098	2526.138	1.314
1717.774	476.168	1.000	14.767
1/17/2017 8:30:00 AM	469800.000	20.376	16.170

46.443	2098.921	2524.733	1.313
1716.819	476.435	1.000	14.749
1/17/2017 8:45:00 AM	470700.000	20.376	16.170
46.444	2097.756	2523.301	1.312
1715.845	476.700	1.000	14.756
1/17/2017 9:00:00 AM	471600.000	20.368	16.171
46.425	2096.783	2522.115	1.312
1715.038	476.921	1.000	14.770
1/17/2017 9:15:00 AM	472500.000	20.372	16.170
46.434	2096.251	2521.486	1.311
1714.611	477.042	1.000	14.774
1/17/2017 9:30:00 AM	473400.000	20.355	16.171
46.396	2095.498	2520.570	1.311
1713.987	477.214	1.000	14.795
1/17/2017 9:45:00 AM	474300.000	20.359	16.170
46.403	2094.933	2519.900	1.310
1713.532	477.342	1.000	14.802
1/17/2017 10:00:00 AM	475200.000	20.353	16.170
46.391	2094.588	2519.531	1.310
1713.281	477.421	1.000	14.801
1/17/2017 10:15:00 AM	476100.000	20.354	16.170
46.394	2094.455	2519.351	1.310
1713.158	477.451	1.000	14.811
1/17/2017 10:30:00 AM	477000.000	20.357	16.170
46.399	2094.812	2519.790	1.310
1713.457	477.370	1.000	14.806
1/17/2017 10:45:00 AM	477900.000	20.356	16.169
46.397	2094.199	2519.079	1.310
1712.974	477.509	1.000	14.797
1/17/2017 11:00:00 AM	478800.000	20.356	16.170
46.398	2093.432	2518.110	1.309
1712.315	477.685	1.000	14.797
1/17/2017 11:15:00 AM	479700.000	20.368	16.170
46.425	2092.444	2516.917	1.309
1711.504	477.910	1.000	14.790
1/17/2017 11:30:00 AM	480600.000	20.361	16.170
46.409	2090.945	2515.103	1.308
1710.270	478.253	1.000	14.792
1/17/2017 11:45:00 AM	481500.000	20.353	16.170
46.392	2089.350	2513.210	1.307
1708.983	478.618	1.000	14.792
1/17/2017 12:00:00 PM	482400.000	20.357	16.171
46.399	2087.547	2510.995	1.306
1707.477	479.031	1.000	14.787
1/17/2017 12:15:00 PM	483300.000	20.360	16.171
46.407	2085.989	2509.086	1.304
1706.179	479.389	1.000	14.788
1/17/2017 12:30:00 PM	484200.000	20.362	16.171
46.412	2084.506	2507.308	1.304
1704.969	479.730	1.000	14.778
1/17/2017 12:45:00 PM	485100.000	20.365	16.171
46.418	2083.286	2505.835	1.303
1703.968	480.011	1.000	14.778
1/17/2017 1:00:00 PM	486000.000	20.363	16.171

46.413	2082.109	2504.425	1.302
1703.009	480.282	1.000	14.778
1/17/2017 1:15:00 PM	486900.000	20.364	16.172
46.416	2080.312	2502.238	1.301
1701.522	480.697	1.000	14.769
1/17/2017 1:30:00 PM	487800.000	20.368	16.171
46.424	2078.685	2500.306	1.300
1700.208	481.073	1.000	14.768
1/17/2017 1:45:00 PM	488700.000	20.362	16.172
46.412	2076.814	2498.015	1.298
1698.651	481.507	1.000	14.768
1/17/2017 2:00:00 PM	489600.000	20.363	16.172
46.414	2075.344	2496.247	1.297
1697.448	481.848	1.000	14.774
1/17/2017 2:15:00 PM	490500.000	20.361	16.172
46.409	2074.157	2494.835	1.297
1696.488	482.124	1.000	14.774
1/17/2017 2:30:00 PM	491400.000	20.369	16.172
46.428	2073.351	2493.869	1.296
1695.831	482.311	1.000	14.770
1/17/2017 2:45:00 PM	492300.000	20.354	16.172
46.393	2072.673	2493.054	1.296
1695.277	482.469	1.000	14.774
1/17/2017 3:00:00 PM	493200.000	20.360	16.172
46.406	2072.122	2492.396	1.295
1694.830	482.597	1.000	14.772
1/17/2017 3:15:00 PM	494100.000	20.358	16.172
46.403	2071.449	2491.588	1.295
1694.280	482.754	1.000	14.779
1/17/2017 3:30:00 PM	495000.000	20.361	16.172
46.409	2070.818	2490.818	1.294
1693.757	482.901	1.000	14.772
1/17/2017 3:45:00 PM	495900.000	20.366	16.171
46.420	2069.512	2489.268	1.294
1692.702	483.206	1.000	14.771
1/17/2017 4:00:00 PM	496800.000	20.363	16.172
46.414	2068.727	2488.318	1.293
1692.056	483.389	1.000	14.775
1/17/2017 4:15:00 PM	497700.000	20.357	16.172
46.399	2067.498	2486.835	1.292
1691.048	483.676	1.000	14.786
1/17/2017 4:30:00 PM	498600.000	20.353	16.172
46.391	2065.716	2484.661	1.291
1689.570	484.094	1.000	14.790
1/17/2017 4:45:00 PM	499500.000	20.360	16.172
46.406	2064.380	2483.080	1.290
1688.494	484.407	1.000	14.780
1/17/2017 5:00:00 PM	500400.000	20.352	16.173
46.388	2063.396	2481.836	1.290
1687.649	484.638	1.000	14.789
1/17/2017 5:15:00 PM	501300.000	20.345	16.172
46.374	2061.939	2480.138	1.289
1686.494	484.980	1.000	14.794
1/17/2017 5:30:00 PM	502200.000	20.353	16.172
46.390	2060.632	2478.567	1.288

1685.425	485.288	1.000	14.794
1/17/2017 5:45:00 PM	503100.000	20.359	16.172
46.405	2059.908	2477.675	1.287
1684.819	485.459	1.000	14.791
1/17/2017 6:00:00 PM	504000.000	20.359	16.172
46.405	2058.438	2475.892	1.286
1683.606	485.805	1.000	14.790
1/17/2017 6:15:00 PM	504900.000	20.349	16.172
46.382	2057.549	2474.833	1.286
1682.887	486.015	1.000	14.800
1/17/2017 6:30:00 PM	505800.000	20.349	16.173
46.381	2056.447	2473.488	1.285
1681.972	486.276	1.000	14.796
1/17/2017 6:45:00 PM	506700.000	20.353	16.173
46.391	2055.019	2471.750	1.284
1680.790	486.613	1.000	14.796
1/17/2017 7:00:00 PM	507600.000	20.347	16.173
46.376	2053.733	2470.198	1.283
1679.735	486.918	1.000	14.797
1/17/2017 7:15:00 PM	508500.000	20.354	16.173
46.392	2052.338	2468.520	1.282
1678.594	487.249	1.000	14.794
1/17/2017 7:30:00 PM	509400.000	20.355	16.173
46.396	2050.006	2465.695	1.281
1676.673	487.803	1.000	14.798
1/17/2017 7:45:00 PM	510300.000	20.355	16.174
46.394	2047.869	2463.080	1.279
1674.895	488.313	1.000	14.801
1/17/2017 8:00:00 PM	511200.000	20.354	16.174
46.393	2046.532	2461.453	1.278
1673.788	488.632	1.000	14.802
1/17/2017 8:15:00 PM	512100.000	20.341	16.174
46.362	2044.833	2459.439	1.277
1672.419	489.037	1.000	14.805
1/17/2017 8:30:00 PM	513000.000	20.346	16.174
46.375	2043.612	2457.951	1.277
1671.407	489.330	1.000	14.805
1/17/2017 8:45:00 PM	513900.000	20.347	16.174
46.378	2042.720	2456.893	1.276
1670.687	489.543	1.000	14.806
1/17/2017 9:00:00 PM	514800.000	20.343	16.174
46.367	2041.531	2455.448	1.275
1669.705	489.828	1.000	14.802
1/17/2017 9:15:00 PM	515700.000	20.350	16.174
46.384	2040.572	2454.299	1.275
1668.924	490.059	1.000	14.795
1/17/2017 9:30:00 PM	516600.000	20.356	16.175
46.397	2037.858	2450.975	1.273
1666.663	490.711	1.000	14.794
1/17/2017 9:45:00 PM	517500.000	20.354	16.176
46.393	2035.418	2448.021	1.271
1664.654	491.300	1.000	14.790
1/17/2017 10:00:00 PM	518400.000	20.358	16.176
46.402	2032.462	2444.451	1.269

1662.227	492.014	1.000	14.790
1/17/2017 10:15:00 PM	519300.000	20.358	16.177
46.403	2028.584	2439.753	1.267
1659.032	492.955	1.000	14.788
1/17/2017 10:30:00 PM	520200.000	20.348	16.177
46.379	2025.058	2435.512	1.264
1656.148	493.813	1.000	14.795
1/17/2017 10:45:00 PM	521100.000	20.346	16.177
46.375	2021.446	2431.139	1.262
1653.174	494.695	1.000	14.794
1/17/2017 11:00:00 PM	522000.000	20.363	16.178
46.414	2019.765	2429.083	1.261
1651.776	495.107	1.000	14.787
1/17/2017 11:15:00 PM	522900.000	20.341	16.177
46.362	2018.063	2427.049	1.260
1650.394	495.525	1.000	14.797
1/17/2017 11:30:00 PM	523800.000	20.343	16.177
46.367	2016.979	2425.742	1.259
1649.505	495.791	1.000	14.792
1/17/2017 11:45:00 PM	524700.000	20.355	16.178
46.395	2015.636	2424.087	1.258
1648.379	496.121	1.000	14.790
1/18/2017 12:00:00 AM	525600.000	20.353	16.179
46.391	2014.551	2422.758	1.257
1647.475	496.388	1.000	14.777
1/18/2017 12:15:00 AM	526500.000	20.355	16.179
46.396	2012.931	2420.770	1.256
1646.124	496.788	1.000	14.783
1/18/2017 12:30:00 AM	527400.000	20.353	16.179
46.391	2011.416	2418.943	1.255
1644.881	497.162	1.000	14.775
1/18/2017 12:45:00 AM	528300.000	20.357	16.179
46.401	2010.099	2417.364	1.254
1643.807	497.488	1.000	14.779
1/18/2017 1:00:00 AM	529200.000	20.349	16.179
46.383	2009.484	2416.639	1.254
1643.314	497.640	1.000	14.775
1/18/2017 1:15:00 AM	530100.000	20.355	16.180
46.395	2008.663	2415.604	1.253
1642.611	497.844	1.000	14.775
1/18/2017 1:30:00 AM	531000.000	20.354	16.180
46.392	2007.841	2414.615	1.253
1641.938	498.047	1.000	14.784
1/18/2017 1:45:00 AM	531900.000	20.348	16.179
46.379	2007.578	2414.333	1.253
1641.747	498.113	1.000	14.792
1/18/2017 2:00:00 AM	532800.000	20.354	16.179
46.394	2007.005	2413.653	1.252
1641.284	498.255	1.000	14.784
1/18/2017 2:15:00 AM	533700.000	20.350	16.180
46.384	2006.577	2413.110	1.252
1640.915	498.361	1.000	14.788
1/18/2017 2:30:00 AM	534600.000	20.344	16.179
46.370	2005.984	2412.430	1.252
1640.453	498.508	1.000	14.791

1/18/2017 2:45:00 AM	535500.000	20.350	16.179
46.384	2005.959	2412.396	1.252
1640.429	498.515	1.000	14.789
1/18/2017 3:00:00 AM	536400.000	20.351	16.179
46.387	2005.494	2411.851	1.251
1640.059	498.630	1.000	14.782
1/18/2017 3:15:00 AM	537300.000	20.343	16.179
46.369	2004.930	2411.144	1.251
1639.578	498.770	1.000	14.783
1/18/2017 3:30:00 AM	538200.000	20.351	16.180
46.385	2003.951	2409.937	1.250
1638.757	499.014	1.000	14.785
1/18/2017 3:45:00 AM	539100.000	20.349	16.180
46.381	2003.886	2409.855	1.250
1638.701	499.030	1.000	14.783
1/18/2017 4:00:00 AM	540000.000	20.359	16.180
46.404	2003.172	2409.014	1.250
1638.130	499.208	1.000	14.777
1/18/2017 4:15:00 AM	540900.000	20.345	16.180
46.371	2002.565	2408.290	1.249
1637.637	499.359	1.000	14.785
1/18/2017 4:30:00 AM	541800.000	20.352	16.180
46.389	2002.235	2407.888	1.249
1637.364	499.442	1.000	14.784
1/18/2017 4:45:00 AM	542700.000	20.340	16.179
46.361	2002.038	2407.666	1.249
1637.213	499.491	1.000	14.786
1/18/2017 5:00:00 AM	543600.000	20.347	16.179
46.377	2001.763	2407.349	1.249
1636.997	499.560	1.000	14.785
1/18/2017 5:15:00 AM	544500.000	20.354	16.180
46.394	2001.519	2407.032	1.249
1636.782	499.621	1.000	14.779
1/18/2017 5:30:00 AM	545400.000	20.346	16.179
46.374	2000.920	2406.331	1.248
1636.305	499.770	1.000	14.778
1/18/2017 5:45:00 AM	546300.000	20.366	16.180
46.420	2000.400	2405.687	1.248
1635.867	499.900	1.000	14.768
1/18/2017 6:00:00 AM	547200.000	20.352	16.180
46.389	2000.216	2405.445	1.248
1635.703	499.946	1.000	14.779
1/18/2017 6:15:00 AM	548100.000	20.342	16.179
46.365	1999.543	2404.665	1.247
1635.172	500.114	1.000	14.785
1/18/2017 6:30:00 AM	549000.000	20.347	16.180
46.378	1999.367	2404.444	1.247
1635.022	500.158	1.000	14.789
1/18/2017 6:45:00 AM	549900.000	20.344	16.179
46.370	1998.762	2403.745	1.247
1634.547	500.310	1.000	14.788
1/18/2017 7:00:00 AM	550800.000	20.354	16.179
46.393	1998.625	2403.571	1.247
1634.428	500.344	1.000	14.770

1/18/2017 7:15:00 AM	551700.000	20.359	16.179
46.403	1998.438	2403.341	1.247
1634.272	500.391	1.000	14.773
1/18/2017 7:30:00 AM	552600.000	20.354	16.179
46.392	1997.920	2402.728	1.246
1633.855	500.521	1.000	14.776
1/18/2017 7:45:00 AM	553500.000	20.347	16.179
46.377	1997.647	2402.389	1.246
1633.625	500.589	1.000	14.764
1/18/2017 8:00:00 AM	554400.000	20.355	16.179
46.395	1996.900	2401.496	1.246
1633.017	500.776	1.000	14.758
1/18/2017 8:15:00 AM	555300.000	20.350	16.180
46.384	1996.351	2400.773	1.245
1632.526	500.914	1.000	14.759
1/18/2017 8:30:00 AM	556200.000	20.354	16.181
46.394	1995.752	2400.043	1.245
1632.029	501.064	1.000	14.755
1/18/2017 8:45:00 AM	557100.000	20.351	16.180
46.386	1995.188	2399.374	1.245
1631.574	501.206	1.000	14.746
1/18/2017 9:00:00 AM	558000.000	20.366	16.180
46.420	1994.595	2398.656	1.244
1631.086	501.355	1.000	14.741
1/18/2017 9:15:00 AM	558900.000	20.357	16.181
46.400	1994.356	2398.359	1.244
1630.884	501.415	1.000	14.745
1/18/2017 9:30:00 AM	559800.000	20.365	16.180
46.418	1993.785	2397.702	1.244
1630.438	501.559	1.000	14.738
1/18/2017 9:45:00 AM	560700.000	20.359	16.180
46.404	1993.790	2397.703	1.244
1630.438	501.557	1.000	14.742
1/18/2017 10:00:00 AM	561600.000	20.362	16.180
46.410	1993.306	2397.140	1.243
1630.056	501.679	1.000	14.742
1/18/2017 10:15:00 AM	562500.000	20.345	16.179
46.372	1993.113	2396.932	1.243
1629.914	501.728	1.000	14.772
1/18/2017 10:30:00 AM	563400.000	20.344	16.179
46.369	1992.914	2396.727	1.243
1629.774	501.778	1.000	14.777
1/18/2017 10:45:00 AM	564300.000	20.344	16.178
46.370	1993.436	2397.393	1.243
1630.227	501.646	1.000	14.783
1/18/2017 11:00:00 AM	565200.000	20.349	16.177
46.381	1993.632	2397.688	1.244
1630.428	501.597	1.000	14.776
1/18/2017 11:15:00 AM	566100.000	20.355	16.177
46.396	1993.813	2397.906	1.244
1630.576	501.551	1.000	14.772
1/18/2017 11:30:00 AM	567000.000	20.353	16.177
46.390	1993.609	2397.654	1.244
1630.405	501.603	1.000	14.773
1/18/2017 11:45:00 AM	567900.000	20.350	16.177

46.383	1993.305	2397.323	1.243
1630.180	501.679	1.000	14.771
1/18/2017 12:00:00 PM	568800.000	20.354	16.178
46.393	1992.929	2396.798	1.243
1629.823	501.774	1.000	14.760
1/18/2017 12:15:00 PM	569700.000	20.347	16.178
46.378	1992.480	2396.253	1.243
1629.452	501.887	1.000	14.761
1/18/2017 12:30:00 PM	570600.000	20.352	16.179
46.388	1992.113	2395.734	1.243
1629.099	501.980	1.000	14.746
1/18/2017 12:45:00 PM	571500.000	20.357	16.180
46.401	1990.840	2394.160	1.242
1628.029	502.300	1.000	14.743
1/18/2017 1:00:00 PM	572400.000	20.349	16.181
46.381	1989.388	2392.380	1.241
1626.819	502.667	1.000	14.740
1/18/2017 1:15:00 PM	573300.000	20.365	16.182
46.417	1987.791	2390.416	1.240
1625.483	503.071	1.000	14.730
1/18/2017 1:30:00 PM	574200.000	20.367	16.181
46.423	1986.796	2389.244	1.239
1624.686	503.323	1.000	14.725
1/18/2017 1:45:00 PM	575100.000	20.362	16.181
46.412	1986.212	2388.556	1.239
1624.218	503.471	1.000	14.723
1/18/2017 2:00:00 PM	576000.000	20.368	16.181
46.425	1985.540	2387.729	1.238
1623.656	503.641	1.000	14.714
1/18/2017 2:15:00 PM	576900.000	20.360	16.181
46.406	1985.004	2387.094	1.238
1623.224	503.777	1.000	14.706
1/18/2017 2:30:00 PM	577800.000	20.361	16.181
46.409	1984.621	2386.658	1.238
1622.927	503.874	1.000	14.700
1/18/2017 2:45:00 PM	578700.000	20.360	16.180
46.406	1984.606	2386.668	1.238
1622.934	503.878	1.000	14.690
1/18/2017 3:00:00 PM	579600.000	20.369	16.181
46.428	1984.725	2386.772	1.238
1623.005	503.848	1.000	14.676
1/18/2017 3:15:00 PM	580500.000	20.362	16.180
46.411	1984.521	2386.542	1.238
1622.849	503.900	1.000	14.673
1/18/2017 3:30:00 PM	581400.000	20.366	16.179
46.421	1984.469	2386.533	1.237
1622.842	503.913	1.000	14.667
1/18/2017 3:45:00 PM	582300.000	20.359	16.179
46.404	1984.525	2386.614	1.238
1622.897	503.899	1.000	14.672
1/18/2017 4:00:00 PM	583200.000	20.357	16.179
46.400	1984.773	2386.952	1.238
1623.127	503.836	1.000	14.672
1/18/2017 4:15:00 PM	584100.000	20.371	16.178

46.432	1985.151	2387.439	1.238
1623.459	503.740	1.000	14.660
1/18/2017 4:30:00 PM	585000.000	20.368	16.177
46.424	1985.688	2388.119	1.238
1623.921	503.604	1.000	14.654
1/18/2017 4:45:00 PM	585900.000	20.358	16.177
46.402	1985.867	2388.324	1.238
1624.061	503.558	1.000	14.657
1/18/2017 5:00:00 PM	586800.000	20.369	16.176
46.428	1986.651	2389.330	1.239
1624.744	503.360	1.000	14.647
1/18/2017 5:15:00 PM	587700.000	20.382	16.176
46.456	1986.312	2388.927	1.239
1624.470	503.446	1.000	14.638
1/18/2017 5:30:00 PM	588600.000	20.377	16.176
46.446	1987.002	2389.775	1.239
1625.047	503.271	1.000	14.635
1/18/2017 5:45:00 PM	589500.000	20.374	16.175
46.439	1986.960	2389.759	1.239
1625.036	503.281	1.000	14.632
1/18/2017 6:00:00 PM	590400.000	20.375	16.176
46.441	1987.231	2390.065	1.239
1625.245	503.213	1.000	14.630
1/18/2017 6:15:00 PM	591300.000	20.380	16.175
46.453	1987.438	2390.329	1.240
1625.424	503.160	1.000	14.622
1/18/2017 6:30:00 PM	592200.000	20.367	16.176
46.423	1987.666	2390.594	1.240
1625.604	503.103	1.000	14.629
1/18/2017 6:45:00 PM	593100.000	20.375	16.176
46.442	1987.849	2390.809	1.240
1625.750	503.056	1.000	14.627
1/18/2017 7:00:00 PM	594000.000	20.371	16.175
46.432	1988.557	2391.709	1.240
1626.362	502.877	1.000	14.631
1/18/2017 7:15:00 PM	594900.000	20.367	16.175
46.423	1988.077	2391.122	1.240
1625.963	502.999	1.000	14.629
1/18/2017 7:30:00 PM	595800.000	20.361	16.175
46.410	1988.595	2391.721	1.240
1626.371	502.868	1.000	14.635
1/18/2017 7:45:00 PM	596700.000	20.366	16.175
46.420	1988.926	2392.162	1.241
1626.671	502.784	1.000	14.637
1/18/2017 8:00:00 PM	597600.000	20.364	16.175
46.415	1988.698	2391.878	1.240
1626.477	502.842	1.000	14.639
1/18/2017 8:15:00 PM	598500.000	20.366	16.175
46.420	1988.812	2392.016	1.240
1626.571	502.813	1.000	14.640
1/18/2017 8:30:00 PM	599400.000	20.371	16.174
46.431	1988.342	2391.470	1.240
1626.200	502.932	1.000	14.641
1/18/2017 8:45:00 PM	600300.000	20.360	16.175
46.407	1987.890	2390.912	1.240

1625.820	503.046	1.000	14.645
1/18/2017 9:00:00 PM	601200.000	20.356	16.175
46.397	1987.685	2390.656	1.240
1625.646	503.098	1.000	14.653
1/18/2017 9:15:00 PM	602100.000	20.370	16.175
46.429	1987.102	2389.954	1.239
1625.169	503.245	1.000	14.646
1/18/2017 9:30:00 PM	603000.000	20.363	16.175
46.414	1987.190	2390.035	1.239
1625.224	503.223	1.000	14.647
1/18/2017 9:45:00 PM	603900.000	20.362	16.176
46.411	1986.804	2389.543	1.239
1624.890	503.321	1.000	14.649
1/18/2017 10:00:00 PM	604800.000	20.355	16.176
46.394	1986.250	2388.857	1.239
1624.423	503.461	1.000	14.658
1/18/2017 10:15:00 PM	605700.000	20.356	16.177
46.399	1984.560	2386.801	1.238
1623.025	503.890	1.000	14.657
1/18/2017 10:30:00 PM	606600.000	20.361	16.177
46.408	1982.107	2383.831	1.236
1621.005	504.514	1.000	14.660
1/18/2017 10:45:00 PM	607500.000	20.367	16.177
46.422	1979.823	2381.065	1.235
1619.124	505.096	1.000	14.655
1/18/2017 11:00:00 PM	608400.000	20.359	16.178
46.405	1977.869	2378.690	1.233
1617.510	505.595	1.000	14.656
1/18/2017 11:15:00 PM	609300.000	20.358	16.179
46.402	1976.528	2377.030	1.232
1616.380	505.938	1.000	14.665
1/18/2017 11:30:00 PM	610200.000	20.364	16.179
46.417	1975.069	2375.267	1.231
1615.181	506.311	1.000	14.657
1/18/2017 11:45:00 PM	611100.000	20.359	16.179
46.405	1974.349	2374.410	1.231
1614.599	506.496	1.000	14.670

Report Date: 1/20/2017 8:29:27 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-9D LT Test_2017-01-19_12-26-23-227-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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

1/19/2017 10:30:03 AM Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:15:00 AM
1/19/2017 12:25:07 PM Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:15:00 PM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:
Record Count: 730
Sensors: 2
1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor:	
PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor:	
PCTD(A) 658.7ft		Sensor: Baro-Adj Calc		Sensor: PCTD(A) 658.7ft		Sensor:	
SN#: 437458		SN#: 437458		SN#: 437458		SN#: 437458	
SN#: 437458		SN#: 437458		SN#: 000000		SN#: 437458	
Elapsed Time		Corrected		Corrected			
Date and Time		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)							
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1/12/2017 12:00:00 AM		7200.000		154.930		21.103	
357.729		773.863		836.104		0.415	
568.551		1292.218		0.998		14.679	
1/12/2017 12:15:00 AM		8100.000		154.927		21.103	
357.721		774.762		837.065		0.415	
569.204		1290.719		0.998		14.679	
1/12/2017 12:30:00 AM		9000.000		154.938		21.105	
357.747		774.868		837.139		0.415	
569.255		1290.542		0.998		14.671	
1/12/2017 12:45:00 AM		9900.000		154.942		21.101	
357.757		774.586		836.917		0.415	
569.104		1291.012		0.998		14.669	
1/12/2017 1:00:00 AM		10800.000		154.949		21.091	
357.772		774.255		836.730		0.415	
568.977		1291.564		0.998		14.663	
1/12/2017 1:15:00 AM		11700.000		154.950		21.093	
357.775		774.188		836.616		0.415	
568.899		1291.675		0.998		14.661	
1/12/2017 1:30:00 AM		12600.000		154.949		21.099	
357.772		774.209		836.534		0.415	
568.843		1291.640		0.998		14.663	
1/12/2017 1:45:00 AM		13500.000		154.917		21.112	

357.698	775.201	837.395	0.415
569.428	1289.988	0.998	14.660
1/12/2017 2:00:00 AM	14400.000	154.961	21.107
357.801	775.529	837.824	0.415
569.720	1289.443	0.998	14.658
1/12/2017 2:15:00 AM	15300.000	154.951	21.108
357.777	774.967	837.196	0.415
569.294	1290.377	0.998	14.663
1/12/2017 2:30:00 AM	16200.000	154.953	21.113
357.782	773.993	836.056	0.415
568.518	1292.002	0.998	14.668
1/12/2017 2:45:00 AM	17100.000	154.964	21.106
357.807	773.985	836.182	0.415
568.604	1292.014	0.998	14.665
1/12/2017 3:00:00 AM	18000.000	154.962	21.109
357.802	774.013	836.151	0.415
568.583	1291.969	0.998	14.667
1/12/2017 3:15:00 AM	18900.000	154.985	21.100
357.856	773.231	835.470	0.414
568.120	1293.274	0.998	14.659
1/12/2017 3:30:00 AM	19800.000	154.982	21.101
357.849	772.793	834.971	0.414
567.780	1294.008	0.998	14.654
1/12/2017 3:45:00 AM	20700.000	154.978	21.105
357.839	773.511	835.685	0.414
568.266	1292.806	0.998	14.666
1/12/2017 4:00:00 AM	21600.000	154.982	21.108
357.848	773.528	835.639	0.414
568.235	1292.779	0.998	14.655
1/12/2017 4:15:00 AM	22500.000	154.981	21.101
357.847	773.585	835.829	0.414
568.364	1292.683	0.998	14.657
1/12/2017 4:30:00 AM	23400.000	154.990	21.102
357.868	772.688	834.844	0.414
567.694	1294.183	0.998	14.656
1/12/2017 4:45:00 AM	24300.000	154.986	21.106
357.858	773.299	835.427	0.414
568.090	1293.161	0.998	14.651
1/12/2017 5:00:00 AM	25200.000	154.990	21.114
357.867	773.941	835.992	0.414
568.475	1292.088	0.998	14.651
1/12/2017 5:15:00 AM	26100.000	154.989	21.105
357.864	774.077	836.299	0.415
568.683	1291.862	0.998	14.654
1/12/2017 5:30:00 AM	27000.000	155.004	21.108
357.900	774.083	836.253	0.415
568.652	1291.851	0.998	14.651
1/12/2017 5:45:00 AM	27900.000	155.003	21.109
357.898	774.077	836.226	0.415
568.634	1291.862	0.998	14.648
1/12/2017 6:00:00 AM	28800.000	154.950	21.104
357.775	773.782	835.990	0.414
568.474	1292.354	0.998	14.656
1/12/2017 6:15:00 AM	29700.000	155.004	21.105
357.900	773.158	835.292	0.414

567.998	1293.396	0.998	14.657
1/12/2017 6:30:00 AM	30600.000	155.001	21.110
357.892	773.224	835.285	0.414
567.994	1293.286	0.998	14.650
1/12/2017 6:45:00 AM	31500.000	155.012	21.103
357.918	773.485	835.691	0.414
568.270	1292.850	0.998	14.658
1/12/2017 7:00:00 AM	32400.000	155.015	21.108
357.924	773.873	836.016	0.415
568.491	1292.201	0.998	14.663
1/12/2017 7:15:00 AM	33300.000	155.018	21.107
357.931	773.690	835.848	0.414
568.377	1292.507	0.998	14.660
1/12/2017 7:30:00 AM	34200.000	155.010	21.116
357.914	773.844	835.853	0.414
568.380	1292.249	0.998	14.668
1/12/2017 7:45:00 AM	35100.000	155.029	21.114
357.957	773.694	835.732	0.414
568.298	1292.500	0.998	14.676
1/12/2017 8:00:00 AM	36000.000	155.023	21.105
357.943	773.168	835.307	0.414
568.009	1293.380	0.998	14.675
1/12/2017 8:15:00 AM	36900.000	155.036	21.107
357.973	773.146	835.255	0.414
567.973	1293.416	0.998	14.682
1/12/2017 8:30:00 AM	37800.000	155.025	21.111
357.948	773.064	835.091	0.414
567.862	1293.553	0.998	14.690
1/12/2017 8:45:00 AM	38700.000	155.024	21.097
357.946	772.473	834.698	0.414
567.594	1294.543	0.998	14.690
1/12/2017 9:00:00 AM	39600.000	155.020	21.106
357.936	772.136	834.180	0.414
567.242	1295.109	0.998	14.702
1/12/2017 9:15:00 AM	40500.000	155.043	21.107
357.990	772.521	834.574	0.414
567.510	1294.464	0.998	14.693
1/12/2017 9:30:00 AM	41400.000	155.047	21.107
357.999	772.452	834.499	0.414
567.459	1294.578	0.998	14.694
1/12/2017 9:45:00 AM	42300.000	155.043	21.107
357.990	772.395	834.441	0.414
567.420	1294.674	0.998	14.710
1/12/2017 10:00:00 AM	43200.000	155.054	21.108
358.014	772.141	834.154	0.414
567.225	1295.101	0.998	14.705
1/12/2017 10:15:00 AM	44100.000	155.052	21.109
358.010	772.122	834.116	0.414
567.199	1295.132	0.998	14.706
1/12/2017 10:30:00 AM	45000.000	155.061	21.100
358.031	771.843	833.967	0.413
567.097	1295.600	0.998	14.706
1/12/2017 10:45:00 AM	45900.000	155.022	21.108
357.942	771.967	833.967	0.413
567.098	1295.391	0.998	14.711

1/12/2017 11:00:00 AM	46800.000	155.060	21.108
358.029	772.090	834.091	0.414
567.182	1295.186	0.998	14.705
1/12/2017 11:15:00 AM	47700.000	155.074	21.111
358.061	772.227	834.189	0.414
567.248	1294.957	0.998	14.704
1/12/2017 11:30:00 AM	48600.000	155.061	21.107
358.032	771.902	833.911	0.413
567.059	1295.501	0.998	14.712
1/12/2017 11:45:00 AM	49500.000	155.079	21.110
358.072	772.233	834.211	0.414
567.264	1294.945	0.998	14.705
1/12/2017 12:00:00 PM	50400.000	155.082	21.110
358.080	772.295	834.287	0.414
567.315	1294.842	0.998	14.703
1/12/2017 12:15:00 PM	51300.000	155.087	21.108
358.092	771.752	833.735	0.413
566.940	1295.752	0.998	14.701
1/12/2017 12:30:00 PM	52200.000	155.092	21.103
358.103	771.864	833.940	0.413
567.079	1295.565	0.998	14.701
1/12/2017 12:45:00 PM	53100.000	155.099	21.100
358.119	771.453	833.537	0.413
566.805	1296.254	0.998	14.695
1/12/2017 1:00:00 PM	54000.000	155.089	21.105
358.096	771.961	834.014	0.413
567.130	1295.403	0.998	14.697
1/12/2017 1:15:00 PM	54900.000	155.085	21.103
358.086	772.023	834.116	0.414
567.199	1295.299	0.998	14.699
1/12/2017 1:30:00 PM	55800.000	155.096	21.098
358.111	772.063	834.236	0.414
567.281	1295.231	0.998	14.694
1/12/2017 1:45:00 PM	56700.000	155.055	21.094
358.017	771.720	833.927	0.413
567.070	1295.807	0.998	14.697
1/12/2017 2:00:00 PM	57600.000	155.104	21.101
358.129	771.792	833.886	0.413
567.043	1295.686	0.998	14.699
1/12/2017 2:15:00 PM	58500.000	155.101	21.100
358.123	772.042	834.175	0.414
567.239	1295.267	0.998	14.692
1/12/2017 2:30:00 PM	59400.000	155.088	21.112
358.092	772.587	834.558	0.414
567.500	1294.353	0.998	14.698
1/12/2017 2:45:00 PM	60300.000	155.092	21.105
358.102	772.430	834.518	0.414
567.472	1294.616	0.998	14.695
1/12/2017 3:00:00 PM	61200.000	155.087	21.113
358.092	772.321	834.265	0.414
567.300	1294.798	0.998	14.701
1/12/2017 3:15:00 PM	62100.000	155.092	21.110
358.103	772.272	834.257	0.414
567.295	1294.881	0.998	14.703
1/12/2017 3:30:00 PM	63000.000	155.087	21.115

358.090	772.323	834.227	0.414
567.274	1294.795	0.998	14.701
1/12/2017 3:45:00 PM	63900.000	155.077	21.106
358.067	771.266	833.235	0.413
566.600	1296.570	0.998	14.704
1/12/2017 4:00:00 PM	64800.000	155.074	21.107
358.060	770.938	832.859	0.413
566.344	1297.122	0.998	14.707
1/12/2017 4:15:00 PM	65700.000	155.075	21.103
358.063	770.890	832.877	0.413
566.356	1297.203	0.998	14.706
1/12/2017 4:30:00 PM	66600.000	155.066	21.103
358.042	770.794	832.786	0.413
566.295	1297.364	0.998	14.710
1/12/2017 4:45:00 PM	67500.000	155.066	21.112
358.043	771.781	833.683	0.413
566.904	1295.705	0.998	14.705
1/12/2017 5:00:00 PM	68400.000	155.060	21.106
358.030	771.528	833.515	0.413
566.790	1296.129	0.998	14.706
1/12/2017 5:15:00 PM	69300.000	155.068	21.106
358.046	772.062	834.098	0.414
567.187	1295.233	0.998	14.713
1/12/2017 5:30:00 PM	70200.000	155.020	21.100
357.936	771.682	833.796	0.413
566.981	1295.870	0.998	14.701
1/12/2017 5:45:00 PM	71100.000	155.054	21.107
358.014	772.020	834.031	0.413
567.141	1295.303	0.998	14.712
1/12/2017 6:00:00 PM	72000.000	155.061	21.106
358.031	771.844	833.861	0.413
567.025	1295.599	0.998	14.705
1/12/2017 6:15:00 PM	72900.000	155.034	21.107
357.970	771.863	833.868	0.413
567.030	1295.567	0.998	14.718
1/12/2017 6:30:00 PM	73800.000	155.036	21.113
357.974	772.266	834.206	0.414
567.260	1294.891	0.998	14.710
1/12/2017 6:45:00 PM	74700.000	155.026	21.101
357.951	772.072	834.196	0.414
567.254	1295.216	0.998	14.719
1/12/2017 7:00:00 PM	75600.000	155.008	21.117
357.909	771.782	833.615	0.413
566.858	1295.703	0.998	14.725
1/12/2017 7:15:00 PM	76500.000	155.017	21.109
357.930	772.354	834.364	0.414
567.368	1294.743	0.998	14.725
1/12/2017 7:30:00 PM	77400.000	155.008	21.109
357.909	772.417	834.435	0.414
567.416	1294.637	0.998	14.726
1/12/2017 7:45:00 PM	78300.000	155.005	21.106
357.901	772.535	834.604	0.414
567.531	1294.439	0.998	14.731
1/12/2017 8:00:00 PM	79200.000	154.979	21.107
357.842	773.160	835.262	0.414

567.978	1293.394	0.998	14.735
1/12/2017 8:15:00 PM	80100.000	154.988	21.110
357.863	773.099	835.152	0.414
567.903	1293.496	0.998	14.734
1/12/2017 8:30:00 PM	81000.000	154.958	21.106
357.793	773.040	835.156	0.414
567.906	1293.594	0.998	14.740
1/12/2017 8:45:00 PM	81900.000	154.950	21.109
357.775	773.148	835.218	0.414
567.948	1293.413	0.998	14.741
1/12/2017 9:00:00 PM	82800.000	154.953	21.109
357.782	773.121	835.198	0.414
567.934	1293.458	0.998	14.733
1/12/2017 9:15:00 PM	83700.000	154.942	21.100
357.756	773.170	835.391	0.414
568.066	1293.377	0.998	14.736
1/12/2017 9:30:00 PM	84600.000	154.921	21.102
357.707	773.685	835.918	0.414
568.424	1292.515	0.998	14.744
1/12/2017 9:45:00 PM	85500.000	154.917	21.106
357.699	773.939	836.126	0.415
568.566	1292.092	0.998	14.741
1/12/2017 10:00:00 PM	86400.000	154.911	21.109
357.685	773.504	835.606	0.414
568.212	1292.818	0.998	14.740
1/12/2017 10:15:00 PM	87300.000	154.895	21.111
357.648	773.137	835.175	0.414
567.919	1293.432	0.998	14.751
1/12/2017 10:30:00 PM	88200.000	154.891	21.108
357.640	773.095	835.182	0.414
567.924	1293.502	0.998	14.749
1/12/2017 10:45:00 PM	89100.000	154.899	21.110
357.657	773.329	835.396	0.414
568.069	1293.111	0.998	14.747
1/12/2017 11:00:00 PM	90000.000	154.887	21.111
357.629	773.590	835.666	0.414
568.253	1292.675	0.998	14.754
1/12/2017 11:15:00 PM	90900.000	154.892	21.098
357.640	773.510	835.798	0.414
568.343	1292.808	0.998	14.755
1/12/2017 11:30:00 PM	91800.000	154.866	21.090
357.580	773.164	835.565	0.414
568.184	1293.386	0.998	14.752
1/12/2017 11:45:00 PM	92700.000	154.899	21.101
357.658	773.395	835.625	0.414
568.225	1293.001	0.998	14.750
1/13/2017 12:00:00 AM	93600.000	154.878	21.099
357.608	773.535	835.817	0.414
568.356	1292.767	0.998	14.752
1/13/2017 12:15:00 AM	94500.000	154.855	21.092
357.555	775.286	837.820	0.415
569.718	1289.846	0.998	14.756
1/13/2017 12:30:00 AM	95400.000	154.903	21.097
357.667	774.121	836.470	0.415
568.800	1291.788	0.998	14.751

1/13/2017 12:45:00 AM	96300.000	154.896	21.106
357.650	774.650	836.901	0.415
569.092	1290.905	0.998	14.747
1/13/2017 1:00:00 AM	97200.000	154.909	21.100
357.680	775.658	838.089	0.416
569.901	1289.227	0.998	14.754
1/13/2017 1:15:00 AM	98100.000	154.901	21.102
357.661	776.136	838.567	0.416
570.225	1288.433	0.998	14.759
1/13/2017 1:30:00 AM	99000.000	154.919	21.103
357.702	775.614	837.989	0.416
569.832	1289.301	0.998	14.753
1/13/2017 1:45:00 AM	99900.000	154.906	21.109
357.674	775.796	838.088	0.416
569.900	1288.999	0.998	14.760
1/13/2017 2:00:00 AM	100800.000	154.903	21.110
357.667	775.841	838.105	0.416
569.912	1288.924	0.998	14.762
1/13/2017 2:15:00 AM	101700.000	154.910	21.116
357.682	775.957	838.129	0.416
569.928	1288.731	0.998	14.762
1/13/2017 2:30:00 AM	102600.000	154.931	21.098
357.731	775.025	837.429	0.415
569.452	1290.282	0.998	14.755
1/13/2017 2:45:00 AM	103500.000	154.930	21.103
357.728	776.132	838.547	0.416
570.212	1288.440	0.998	14.762
1/13/2017 3:00:00 AM	104400.000	154.932	21.116
357.734	775.869	838.046	0.416
569.871	1288.878	0.998	14.771
1/13/2017 3:15:00 AM	105300.000	154.929	21.103
357.727	775.738	838.117	0.416
569.920	1289.094	0.998	14.771
1/13/2017 3:30:00 AM	106200.000	154.919	21.103
357.703	775.206	837.552	0.415
569.536	1289.979	0.998	14.767
1/13/2017 3:45:00 AM	107100.000	154.926	21.113
357.720	775.228	837.390	0.415
569.425	1289.943	0.998	14.774
1/13/2017 4:00:00 AM	108000.000	154.921	21.104
357.708	775.299	837.624	0.415
569.584	1289.825	0.998	14.773
1/13/2017 4:15:00 AM	108900.000	154.922	21.099
357.710	775.515	837.948	0.415
569.805	1289.465	0.998	14.772
1/13/2017 4:30:00 AM	109800.000	154.937	21.090
357.744	776.384	839.049	0.416
570.553	1288.023	0.998	14.770
1/13/2017 4:45:00 AM	110700.000	154.934	21.103
357.738	776.926	839.414	0.416
570.801	1287.124	0.998	14.772
1/13/2017 5:00:00 AM	111600.000	154.894	21.098
357.645	777.203	839.799	0.416
571.063	1286.666	0.998	14.776
1/13/2017 5:15:00 AM	112500.000	154.933	21.108

357.736	777.661	840.112	0.417
571.277	1285.907	0.998	14.783
1/13/2017 5:30:00 AM	113400.000	154.942	21.109
357.756	777.552	839.981	0.417
571.187	1286.088	0.998	14.778
1/13/2017 5:45:00 AM	114300.000	154.946	21.098
357.766	777.723	840.346	0.417
571.435	1285.805	0.998	14.776
1/13/2017 6:00:00 AM	115200.000	154.931	21.114
357.731	777.714	840.068	0.417
571.246	1285.819	0.998	14.784
1/13/2017 6:15:00 AM	116100.000	154.943	21.112
357.758	777.149	839.484	0.416
570.849	1286.754	0.998	14.777
1/13/2017 6:30:00 AM	117000.000	154.905	21.099
357.672	777.021	839.577	0.416
570.912	1286.967	0.998	14.780
1/13/2017 6:45:00 AM	117900.000	154.946	21.105
357.766	776.556	838.964	0.416
570.495	1287.737	0.998	14.788
1/13/2017 7:00:00 AM	118800.000	154.946	21.106
357.766	777.121	839.559	0.416
570.900	1286.801	0.998	14.789
1/13/2017 7:15:00 AM	119700.000	154.953	21.109
357.782	777.355	839.773	0.416
571.046	1286.413	0.998	14.789
1/13/2017 7:30:00 AM	120600.000	154.943	21.113
357.760	777.332	839.668	0.416
570.975	1286.452	0.998	14.791
1/13/2017 7:45:00 AM	121500.000	154.959	21.101
357.796	776.628	839.112	0.416
570.596	1287.617	0.998	14.798
1/13/2017 8:00:00 AM	122400.000	154.966	21.091
357.811	776.178	838.797	0.416
570.382	1288.364	0.998	14.793
1/13/2017 8:15:00 AM	123300.000	154.917	21.094
357.700	776.319	838.912	0.416
570.460	1288.131	0.998	14.798
1/13/2017 8:30:00 AM	124200.000	154.943	21.089
357.758	776.268	838.935	0.416
570.476	1288.215	0.998	14.803
1/13/2017 8:45:00 AM	125100.000	154.974	21.106
357.831	777.727	840.224	0.417
571.352	1285.799	0.998	14.805
1/13/2017 9:00:00 AM	126000.000	154.982	21.103
357.848	778.539	841.150	0.417
571.982	1284.457	0.998	14.806
1/13/2017 9:15:00 AM	126900.000	154.984	21.108
357.854	779.288	841.865	0.418
572.468	1283.223	0.998	14.815
1/13/2017 9:30:00 AM	127800.000	154.989	21.105
357.865	778.430	840.992	0.417
571.874	1284.637	0.998	14.812
1/13/2017 9:45:00 AM	128700.000	154.984	21.113
357.852	778.569	840.999	0.417

571.879	1284.408	0.998	14.816
1/13/2017 10:00:00 AM	129600.000	154.996	21.109
357.881	777.858	840.307	0.417
571.409	1285.582	0.998	14.818
1/13/2017 10:15:00 AM	130500.000	154.955	21.108
357.787	777.822	840.289	0.417
571.396	1285.642	0.998	14.821
1/13/2017 10:30:00 AM	131400.000	154.994	21.113
357.877	777.817	840.202	0.417
571.337	1285.649	0.998	14.826
1/13/2017 10:45:00 AM	132300.000	155.005	21.116
357.901	777.174	839.456	0.416
570.830	1286.712	0.998	14.824
1/13/2017 11:00:00 AM	133200.000	155.021	21.102
357.938	776.821	839.317	0.416
570.735	1287.298	0.998	14.822
1/13/2017 11:15:00 AM	134100.000	155.004	21.099
357.899	775.356	837.772	0.415
569.685	1289.730	0.998	14.825
1/13/2017 11:30:00 AM	135000.000	155.026	21.104
357.950	775.367	837.696	0.415
569.633	1289.712	0.998	14.817
1/13/2017 11:45:00 AM	135900.000	155.018	21.101
357.931	775.820	838.242	0.416
570.004	1288.958	0.998	14.815
1/13/2017 12:00:00 PM	136800.000	155.012	21.101
357.918	775.533	837.929	0.415
569.792	1289.436	0.998	14.816
1/13/2017 12:15:00 PM	137700.000	155.004	21.105
357.898	775.896	838.263	0.416
570.019	1288.832	0.998	14.814
1/13/2017 12:30:00 PM	138600.000	155.026	21.112
357.949	776.288	838.564	0.416
570.223	1288.182	0.998	14.801
1/13/2017 12:45:00 PM	139500.000	155.020	21.106
357.937	775.417	837.720	0.415
569.650	1289.628	0.998	14.804
1/13/2017 1:00:00 PM	140400.000	155.022	21.110
357.941	775.553	837.802	0.415
569.705	1289.402	0.998	14.804
1/13/2017 1:15:00 PM	141300.000	155.014	21.117
357.923	775.981	838.149	0.416
569.941	1288.692	0.998	14.802
1/13/2017 1:30:00 PM	142200.000	155.012	21.109
357.919	775.413	837.674	0.415
569.618	1289.635	0.998	14.802
1/13/2017 1:45:00 PM	143100.000	155.016	21.107
357.927	775.841	838.158	0.416
569.948	1288.924	0.998	14.805
1/13/2017 2:00:00 PM	144000.000	154.983	21.110
357.851	776.530	838.855	0.416
570.421	1287.780	0.998	14.799
1/13/2017 2:15:00 PM	144900.000	155.022	21.105
357.942	776.430	838.834	0.416
570.407	1287.946	0.998	14.807

1/13/2017 2:30:00 PM	145800.000	155.026	21.095
357.951	776.536	839.115	0.416
570.598	1287.770	0.998	14.807
1/13/2017 2:45:00 PM	146700.000	155.017	21.097
357.930	776.413	838.951	0.416
570.486	1287.974	0.998	14.808
1/13/2017 3:00:00 PM	147600.000	155.014	21.104
357.922	776.730	839.170	0.416
570.635	1287.449	0.998	14.808
1/13/2017 3:15:00 PM	148500.000	155.004	21.109
357.899	776.597	838.943	0.416
570.481	1287.669	0.998	14.809
1/13/2017 3:30:00 PM	149400.000	155.008	21.100
357.908	775.367	837.765	0.415
569.681	1289.712	0.998	14.805
1/13/2017 3:45:00 PM	150300.000	154.994	21.104
357.877	774.691	836.977	0.415
569.144	1290.838	0.998	14.813
1/13/2017 4:00:00 PM	151200.000	155.000	21.113
357.890	774.732	836.855	0.415
569.061	1290.768	0.998	14.802
1/13/2017 4:15:00 PM	152100.000	155.005	21.108
357.902	774.609	836.820	0.415
569.038	1290.973	0.998	14.797
1/13/2017 4:30:00 PM	153000.000	155.001	21.112
357.893	774.745	836.897	0.415
569.090	1290.748	0.998	14.804
1/13/2017 4:45:00 PM	153900.000	154.992	21.101
357.873	774.405	836.724	0.415
568.973	1291.315	0.998	14.801
1/13/2017 5:00:00 PM	154800.000	154.991	21.100
357.869	774.106	836.412	0.415
568.760	1291.813	0.998	14.803
1/13/2017 5:15:00 PM	155700.000	154.991	21.110
357.869	774.290	836.428	0.415
568.771	1291.506	0.998	14.795
1/13/2017 5:30:00 PM	156600.000	154.983	21.108
357.850	774.741	836.953	0.415
569.128	1290.754	0.998	14.801
1/13/2017 5:45:00 PM	157500.000	154.975	21.107
357.832	775.015	837.267	0.415
569.342	1290.298	0.998	14.809
1/13/2017 6:00:00 PM	158400.000	154.969	21.101
357.820	774.952	837.305	0.415
569.368	1290.402	0.998	14.807
1/13/2017 6:15:00 PM	159300.000	154.978	21.105
357.840	775.241	837.548	0.415
569.533	1289.921	0.998	14.808
1/13/2017 6:30:00 PM	160200.000	154.939	21.096
357.749	775.187	837.656	0.415
569.606	1290.012	0.998	14.801
1/13/2017 6:45:00 PM	161100.000	154.971	21.096
357.823	775.690	838.190	0.416
569.969	1289.175	0.998	14.799
1/13/2017 7:00:00 PM	162000.000	154.913	21.099

357.689	775.287	837.705	0.415
569.639	1289.845	0.998	14.812
1/13/2017 7:15:00 PM	162900.000	154.947	21.099
357.769	775.618	838.053	0.416
569.876	1289.295	0.998	14.811
1/13/2017 7:30:00 PM	163800.000	154.947	21.108
357.768	776.024	838.339	0.416
570.070	1288.620	0.998	14.806
1/13/2017 7:45:00 PM	164700.000	154.945	21.102
357.763	776.367	838.813	0.416
570.393	1288.050	0.998	14.811
1/13/2017 8:00:00 PM	165600.000	154.928	21.098
357.724	776.978	839.554	0.416
570.897	1287.038	0.998	14.817
1/13/2017 8:15:00 PM	166500.000	154.940	21.108
357.752	777.303	839.724	0.416
571.012	1286.500	0.998	14.810
1/13/2017 8:30:00 PM	167400.000	154.922	21.110
357.710	777.750	840.176	0.417
571.320	1285.761	0.998	14.819
1/13/2017 8:45:00 PM	168300.000	154.915	21.110
357.693	777.722	840.135	0.417
571.292	1285.807	0.998	14.824
1/13/2017 9:00:00 PM	169200.000	154.907	21.113
357.674	777.027	839.333	0.416
570.747	1286.957	0.998	14.830
1/13/2017 9:15:00 PM	170100.000	154.908	21.110
357.678	776.323	838.629	0.416
570.268	1288.124	0.998	14.833
1/13/2017 9:30:00 PM	171000.000	154.904	21.111
357.668	776.258	838.540	0.416
570.207	1288.232	0.998	14.830
1/13/2017 9:45:00 PM	171900.000	154.903	21.100
357.666	776.159	838.624	0.416
570.264	1288.396	0.998	14.834
1/13/2017 10:00:00 PM	172800.000	154.900	21.093
357.659	775.544	838.085	0.416
569.898	1289.417	0.998	14.836
1/13/2017 10:15:00 PM	173700.000	154.907	21.095
357.676	776.365	838.935	0.416
570.476	1288.053	0.998	14.831
1/13/2017 10:30:00 PM	174600.000	154.900	21.102
357.660	777.303	839.833	0.416
571.087	1286.499	0.998	14.836
1/13/2017 10:45:00 PM	175500.000	154.897	21.111
357.651	777.723	840.131	0.417
571.289	1285.804	0.998	14.835
1/13/2017 11:00:00 PM	176400.000	154.909	21.106
357.680	777.780	840.274	0.417
571.386	1285.711	0.998	14.832
1/13/2017 11:15:00 PM	177300.000	154.905	21.099
357.672	777.368	839.949	0.417
571.165	1286.392	0.998	14.833
1/13/2017 11:30:00 PM	178200.000	154.914	21.107
357.692	777.658	840.121	0.417

571.282	1285.912	0.998	14.836
1/13/2017 11:45:00 PM	179100.000	154.908	21.106
357.678	777.461	839.927	0.417
571.150	1286.238	0.998	14.833
1/14/2017 12:00:00 AM	180000.000	154.914	21.100
357.691	777.807	840.408	0.417
571.477	1285.667	0.998	14.828
1/14/2017 12:15:00 AM	180900.000	154.919	21.094
357.704	777.273	839.934	0.417
571.155	1286.550	0.998	14.831
1/14/2017 12:30:00 AM	181800.000	154.901	21.101
357.661	777.154	839.689	0.416
570.989	1286.746	0.998	14.834
1/14/2017 12:45:00 AM	182700.000	154.925	21.101
357.717	777.647	840.212	0.417
571.344	1285.930	0.998	14.829
1/14/2017 1:00:00 AM	183600.000	154.920	21.104
357.705	778.012	840.569	0.417
571.587	1285.328	0.998	14.834
1/14/2017 1:15:00 AM	184500.000	154.912	21.110
357.687	778.472	840.952	0.417
571.848	1284.567	0.998	14.830
1/14/2017 1:30:00 AM	185400.000	154.925	21.104
357.717	778.041	840.590	0.417
571.601	1285.279	0.998	14.824
1/14/2017 1:45:00 AM	186300.000	154.920	21.107
357.704	778.310	840.827	0.417
571.763	1284.835	0.998	14.831
1/14/2017 2:00:00 AM	187200.000	154.928	21.113
357.724	778.715	841.168	0.417
571.994	1284.166	0.998	14.830
1/14/2017 2:15:00 AM	188100.000	154.935	21.114
357.740	778.630	841.062	0.417
571.922	1284.307	0.998	14.828
1/14/2017 2:30:00 AM	189000.000	154.929	21.113
357.727	778.601	841.048	0.417
571.912	1284.354	0.998	14.828
1/14/2017 2:45:00 AM	189900.000	154.930	21.105
357.729	778.840	841.444	0.417
572.182	1283.960	0.998	14.832
1/14/2017 3:00:00 AM	190800.000	154.898	21.099
357.654	778.048	840.689	0.417
571.669	1285.268	0.998	14.830
1/14/2017 3:15:00 AM	191700.000	154.927	21.103
357.721	777.584	840.119	0.417
571.281	1286.034	0.998	14.839
1/14/2017 3:30:00 AM	192600.000	154.941	21.108
357.754	777.619	840.065	0.417
571.244	1285.977	0.998	14.825
1/14/2017 3:45:00 AM	193500.000	154.933	21.096
357.735	777.945	840.629	0.417
571.628	1285.437	0.998	14.829
1/14/2017 4:00:00 AM	194400.000	154.925	21.103
357.717	778.309	840.895	0.417
571.808	1284.836	0.998	14.828

1/14/2017 4:15:00 AM	195300.000	154.934	21.112
357.738	778.638	841.101	0.417
571.949	1284.294	0.998	14.832
1/14/2017 4:30:00 AM	196200.000	154.938	21.105
357.747	778.690	841.275	0.417
572.067	1284.208	0.998	14.840
1/14/2017 4:45:00 AM	197100.000	154.950	21.102
357.775	779.250	841.940	0.418
572.519	1283.285	0.998	14.829
1/14/2017 5:00:00 AM	198000.000	154.949	21.107
357.772	779.150	841.738	0.417
572.382	1283.450	0.998	14.837
1/14/2017 5:15:00 AM	198900.000	154.957	21.098
357.791	778.492	841.190	0.417
572.009	1284.534	0.998	14.824
1/14/2017 5:30:00 AM	199800.000	154.945	21.103
357.764	779.299	841.961	0.418
572.533	1283.204	0.998	14.838
1/14/2017 5:45:00 AM	200700.000	154.956	21.103
357.789	779.301	841.970	0.418
572.540	1283.202	0.998	14.825
1/14/2017 6:00:00 AM	201600.000	154.911	21.103
357.686	779.512	842.200	0.418
572.696	1282.855	0.998	14.827
1/14/2017 6:15:00 AM	202500.000	154.958	21.107
357.793	780.307	842.985	0.418
573.230	1281.546	0.998	14.826
1/14/2017 6:30:00 AM	203400.000	154.954	21.103
357.784	780.346	843.104	0.418
573.311	1281.483	0.998	14.827
1/14/2017 6:45:00 AM	204300.000	154.972	21.100
357.825	779.853	842.616	0.418
572.979	1282.292	0.998	14.822
1/14/2017 7:00:00 AM	205200.000	154.955	21.108
357.786	779.780	842.402	0.418
572.833	1282.413	0.998	14.832
1/14/2017 7:15:00 AM	206100.000	154.962	21.111
357.801	779.878	842.453	0.418
572.868	1282.252	0.998	14.830
1/14/2017 7:30:00 AM	207000.000	154.966	21.110
357.811	779.800	842.385	0.418
572.822	1282.380	0.998	14.829
1/14/2017 7:45:00 AM	207900.000	154.957	21.099
357.790	779.061	841.773	0.417
572.406	1283.597	0.998	14.827
1/14/2017 8:00:00 AM	208800.000	154.966	21.103
357.813	778.896	841.542	0.417
572.249	1283.868	0.998	14.829
1/14/2017 8:15:00 AM	209700.000	154.939	21.102
357.750	779.325	842.010	0.418
572.567	1283.162	0.998	14.826
1/14/2017 8:30:00 AM	210600.000	154.954	21.103
357.784	779.306	841.977	0.418
572.545	1283.193	0.998	14.832
1/14/2017 8:45:00 AM	211500.000	154.974	21.107

357.830	779.323	841.919	0.418
572.505	1283.164	0.998	14.835
1/14/2017 9:00:00 AM	212400.000	154.971	21.102
357.824	778.801	841.443	0.417
572.181	1284.025	0.998	14.838
1/14/2017 9:15:00 AM	213300.000	154.981	21.103
357.846	778.574	841.188	0.417
572.008	1284.399	0.998	14.838
1/14/2017 9:30:00 AM	214200.000	154.984	21.105
357.852	778.243	840.793	0.417
571.739	1284.945	0.998	14.843
1/14/2017 9:45:00 AM	215100.000	154.991	21.115
357.869	778.411	840.797	0.417
571.742	1284.668	0.998	14.843
1/14/2017 10:00:00 AM	216000.000	154.985	21.110
357.856	778.722	841.229	0.417
572.036	1284.156	0.998	14.844
1/14/2017 10:15:00 AM	216900.000	155.009	21.097
357.910	778.144	840.819	0.417
571.757	1285.110	0.998	14.834
1/14/2017 10:30:00 AM	217800.000	155.008	21.106
357.909	778.328	840.867	0.417
571.790	1284.806	0.998	14.833
1/14/2017 10:45:00 AM	218700.000	155.010	21.113
357.913	778.716	841.164	0.417
571.992	1284.165	0.998	14.831
1/14/2017 11:00:00 AM	219600.000	155.008	21.114
357.909	777.758	840.113	0.417
571.277	1285.747	0.998	14.828
1/14/2017 11:15:00 AM	220500.000	155.014	21.108
357.922	778.042	840.533	0.417
571.562	1285.278	0.998	14.828
1/14/2017 11:30:00 AM	221400.000	154.987	21.098
357.861	777.936	840.576	0.417
571.592	1285.453	0.998	14.827
1/14/2017 11:45:00 AM	222300.000	155.029	21.098
357.956	778.101	840.765	0.417
571.720	1285.180	0.998	14.814
1/14/2017 12:00:00 PM	223200.000	155.037	21.105
357.976	779.053	841.666	0.417
572.333	1283.609	0.998	14.818
1/14/2017 12:15:00 PM	224100.000	155.029	21.109
357.957	778.952	841.486	0.417
572.211	1283.776	0.998	14.811
1/14/2017 12:30:00 PM	225000.000	155.026	21.111
357.950	779.795	842.363	0.418
572.807	1282.389	0.998	14.810
1/14/2017 12:45:00 PM	225900.000	155.022	21.106
357.941	779.427	842.052	0.418
572.596	1282.993	0.998	14.803
1/14/2017 1:00:00 PM	226800.000	155.020	21.101
357.935	779.373	842.087	0.418
572.619	1283.083	0.998	14.801
1/14/2017 1:15:00 PM	227700.000	155.036	21.094
357.972	779.217	842.033	0.418

572.582	1283.340	0.998	14.793
1/14/2017 1:30:00 PM	228600.000	155.033	21.097
357.965	779.144	841.909	0.418
572.498	1283.459	0.998	14.794
1/14/2017 1:45:00 PM	229500.000	155.037	21.091
357.975	778.023	840.790	0.417
571.737	1285.309	0.998	14.792
1/14/2017 2:00:00 PM	230400.000	155.033	21.101
357.966	777.630	840.197	0.417
571.334	1285.959	0.998	14.795
1/14/2017 2:15:00 PM	231300.000	155.030	21.103
357.959	777.739	840.279	0.417
571.390	1285.778	0.998	14.794
1/14/2017 2:30:00 PM	232200.000	155.040	21.108
357.983	778.735	841.265	0.417
572.060	1284.134	0.998	14.799
1/14/2017 2:45:00 PM	233100.000	155.035	21.100
357.970	778.936	841.625	0.417
572.305	1283.802	0.998	14.801
1/14/2017 3:00:00 PM	234000.000	155.032	21.106
357.964	779.240	841.849	0.418
572.457	1283.301	0.998	14.793
1/14/2017 3:15:00 PM	234900.000	155.046	21.099
357.996	778.235	840.889	0.417
571.804	1284.958	0.998	14.785
1/14/2017 3:30:00 PM	235800.000	155.035	21.104
357.972	778.231	840.798	0.417
571.742	1284.965	0.998	14.794
1/14/2017 3:45:00 PM	236700.000	155.031	21.106
357.962	778.505	841.063	0.417
571.923	1284.514	0.998	14.794
1/14/2017 4:00:00 PM	237600.000	155.023	21.104
357.944	779.126	841.773	0.417
572.405	1283.489	0.998	14.797
1/14/2017 4:15:00 PM	238500.000	155.018	21.113
357.932	779.367	841.864	0.418
572.468	1283.092	0.998	14.796
1/14/2017 4:30:00 PM	239400.000	155.007	21.108
357.907	778.909	841.459	0.417
572.192	1283.846	0.998	14.805
1/14/2017 4:45:00 PM	240300.000	155.012	21.107
357.919	778.535	841.070	0.417
571.928	1284.464	0.998	14.800
1/14/2017 5:00:00 PM	241200.000	155.003	21.102
357.897	778.296	840.909	0.417
571.818	1284.858	0.998	14.804
1/14/2017 5:15:00 PM	242100.000	155.018	21.111
357.932	778.305	840.760	0.417
571.717	1284.843	0.998	14.794
1/14/2017 5:30:00 PM	243000.000	155.010	21.107
357.914	778.481	841.016	0.417
571.891	1284.553	0.998	14.795
1/14/2017 5:45:00 PM	243900.000	155.009	21.104
357.911	778.302	840.875	0.417
571.795	1284.849	0.998	14.791

1/14/2017 6:00:00 PM	244800.000	155.001	21.100
357.892	778.431	841.083	0.417
571.937	1284.636	0.998	14.797
1/14/2017 6:15:00 PM	245700.000	154.993	21.105
357.874	778.860	841.464	0.417
572.195	1283.928	0.998	14.801
1/14/2017 6:30:00 PM	246600.000	154.984	21.110
357.854	778.853	841.372	0.417
572.133	1283.940	0.998	14.795
1/14/2017 6:45:00 PM	247500.000	154.992	21.100
357.871	778.460	841.123	0.417
571.964	1284.587	0.998	14.800
1/14/2017 7:00:00 PM	248400.000	154.986	21.103
357.857	778.579	841.197	0.417
572.014	1284.391	0.998	14.791
1/14/2017 7:15:00 PM	249300.000	154.987	21.103
357.860	778.853	841.483	0.417
572.208	1283.940	0.998	14.793
1/14/2017 7:30:00 PM	250200.000	154.982	21.096
357.850	779.071	841.844	0.418
572.454	1283.580	0.998	14.796
1/14/2017 7:45:00 PM	251100.000	154.979	21.108
357.843	779.569	842.183	0.418
572.684	1282.760	0.998	14.792
1/14/2017 8:00:00 PM	252000.000	154.971	21.106
357.824	779.719	842.378	0.418
572.817	1282.513	0.998	14.793
1/14/2017 8:15:00 PM	252900.000	154.919	21.102
357.704	780.055	842.797	0.418
573.102	1281.961	0.998	14.805
1/14/2017 8:30:00 PM	253800.000	154.966	21.106
357.812	780.221	842.917	0.418
573.184	1281.688	0.998	14.792
1/14/2017 8:45:00 PM	254700.000	154.945	21.107
357.763	780.038	842.706	0.418
573.040	1281.989	0.998	14.797
1/14/2017 9:00:00 PM	255600.000	154.961	21.107
357.801	779.790	842.428	0.418
572.851	1282.396	0.998	14.791
1/14/2017 9:15:00 PM	256500.000	154.903	21.102
357.667	779.345	842.042	0.418
572.589	1283.129	0.998	14.800
1/14/2017 9:30:00 PM	257400.000	154.955	21.102
357.787	779.823	842.546	0.418
572.931	1282.341	0.998	14.793
1/14/2017 9:45:00 PM	258300.000	154.945	21.105
357.764	779.829	842.506	0.418
572.904	1282.333	0.998	14.794
1/14/2017 10:00:00 PM	259200.000	154.905	21.108
357.671	779.913	842.551	0.418
572.935	1282.194	0.998	14.792
1/14/2017 10:15:00 PM	260100.000	154.942	21.102
357.757	779.932	842.667	0.418
573.014	1282.164	0.998	14.792
1/14/2017 10:30:00 PM	261000.000	154.941	21.102

357.754	779.963	842.699	0.418
573.036	1282.112	0.998	14.794
1/14/2017 10:45:00 PM	261900.000	154.930	21.108
357.728	780.239	842.899	0.418
573.171	1281.658	0.998	14.797
1/14/2017 11:00:00 PM	262800.000	154.941	21.107
357.753	780.071	842.734	0.418
573.059	1281.934	0.998	14.791
1/14/2017 11:15:00 PM	263700.000	154.949	21.108
357.772	779.949	842.591	0.418
572.962	1282.136	0.998	14.795
1/14/2017 11:30:00 PM	264600.000	154.940	21.108
357.751	779.731	842.351	0.418
572.799	1282.494	0.998	14.796
1/14/2017 11:45:00 PM	265500.000	154.926	21.103
357.720	779.665	842.369	0.418
572.811	1282.603	0.998	14.802
1/15/2017 12:00:00 AM	266400.000	154.940	21.099
357.751	779.926	842.709	0.418
573.042	1282.172	0.998	14.797
1/15/2017 12:15:00 AM	267300.000	154.943	21.107
357.758	780.782	843.494	0.418
573.576	1280.767	0.998	14.799
1/15/2017 12:30:00 AM	268200.000	154.953	21.104
357.781	781.312	844.131	0.419
574.009	1279.899	0.998	14.796
1/15/2017 12:45:00 AM	269100.000	154.953	21.101
357.783	781.211	844.072	0.419
573.969	1280.064	0.998	14.790
1/15/2017 1:00:00 AM	270000.000	154.953	21.106
357.783	781.279	844.058	0.419
573.960	1279.953	0.998	14.793
1/15/2017 1:15:00 AM	270900.000	154.950	21.104
357.774	781.281	844.086	0.419
573.978	1279.949	0.998	14.794
1/15/2017 1:30:00 AM	271800.000	154.949	21.096
357.772	781.209	844.159	0.419
574.029	1280.068	0.998	14.786
1/15/2017 1:45:00 AM	272700.000	154.963	21.108
357.805	781.005	843.720	0.418
573.729	1280.402	0.998	14.793
1/15/2017 2:00:00 AM	273600.000	154.954	21.109
357.785	780.390	843.047	0.418
573.272	1281.410	0.998	14.794
1/15/2017 2:15:00 AM	274500.000	154.963	21.117
357.804	780.524	843.058	0.418
573.279	1281.190	0.998	14.786
1/15/2017 2:30:00 AM	275400.000	154.928	21.111
357.724	780.213	842.822	0.418
573.119	1281.701	0.998	14.796
1/15/2017 2:45:00 AM	276300.000	154.957	21.104
357.791	779.347	842.008	0.418
572.565	1283.125	0.998	14.800
1/15/2017 3:00:00 AM	277200.000	154.970	21.107
357.820	779.688	842.324	0.418

572.780	1282.564	0.998	14.793
1/15/2017 3:15:00 AM	278100.000	154.976	21.103
357.834	780.145	842.890	0.418
573.165	1281.813	0.998	14.798
1/15/2017 3:30:00 AM	279000.000	154.968	21.111
357.816	780.029	842.622	0.418
572.983	1282.003	0.998	14.794
1/15/2017 3:45:00 AM	279900.000	154.966	21.113
357.813	780.317	842.896	0.418
573.169	1281.531	0.998	14.792
1/15/2017 4:00:00 AM	280800.000	154.968	21.108
357.817	779.834	842.460	0.418
572.873	1282.324	0.998	14.798
1/15/2017 4:15:00 AM	281700.000	154.973	21.116
357.829	780.341	842.876	0.418
573.156	1281.491	0.998	14.798
1/15/2017 4:30:00 AM	282600.000	154.982	21.108
357.848	780.536	843.220	0.418
573.389	1281.171	0.998	14.788
1/15/2017 4:45:00 AM	283500.000	154.967	21.112
357.814	779.946	842.520	0.418
572.914	1282.139	0.998	14.791
1/15/2017 5:00:00 AM	284400.000	154.979	21.118
357.841	780.515	843.024	0.418
573.256	1281.205	0.998	14.787
1/15/2017 5:15:00 AM	285300.000	154.979	21.108
357.842	780.381	843.057	0.418
573.279	1281.425	0.998	14.792
1/15/2017 5:30:00 AM	286200.000	154.986	21.106
357.859	780.992	843.743	0.418
573.745	1280.422	0.998	14.790
1/15/2017 5:45:00 AM	287100.000	154.936	21.108
357.742	780.655	843.339	0.418
573.471	1280.975	0.998	14.792
1/15/2017 6:00:00 AM	288000.000	154.980	21.103
357.843	780.116	842.853	0.418
573.140	1281.860	0.998	14.786
1/15/2017 6:15:00 AM	288900.000	154.939	21.106
357.749	780.608	843.339	0.418
573.470	1281.053	0.998	14.793
1/15/2017 6:30:00 AM	289800.000	154.994	21.102
357.877	780.445	843.222	0.418
573.391	1281.320	0.998	14.792
1/15/2017 6:45:00 AM	290700.000	154.990	21.105
357.866	780.648	843.392	0.418
573.507	1280.987	0.998	14.786
1/15/2017 7:00:00 AM	291600.000	154.977	21.098
357.838	780.939	843.830	0.419
573.805	1280.510	0.998	14.789
1/15/2017 7:15:00 AM	292500.000	154.981	21.098
357.847	781.196	844.105	0.419
573.991	1280.088	0.998	14.789
1/15/2017 7:30:00 AM	293400.000	154.987	21.103
357.859	781.330	844.157	0.419
574.027	1279.869	0.998	14.787

1/15/2017 7:45:00 AM	294300.000	154.977	21.107
357.838	781.387	844.162	0.419
574.030	1279.775	0.998	14.786
1/15/2017 8:00:00 AM	295200.000	154.985	21.113
357.855	781.584	844.271	0.419
574.105	1279.452	0.998	14.793
1/15/2017 8:15:00 AM	296100.000	154.956	21.108
357.788	781.819	844.606	0.419
574.332	1279.068	0.998	14.792
1/15/2017 8:30:00 AM	297000.000	154.990	21.109
357.867	781.912	844.680	0.419
574.382	1278.917	0.998	14.794
1/15/2017 8:45:00 AM	297900.000	154.989	21.112
357.865	781.647	844.347	0.419
574.156	1279.349	0.998	14.799
1/15/2017 9:00:00 AM	298800.000	154.959	21.105
357.796	780.718	843.473	0.418
573.562	1280.872	0.998	14.803
1/15/2017 9:15:00 AM	299700.000	154.990	21.109
357.866	780.401	843.062	0.418
573.282	1281.392	0.998	14.804
1/15/2017 9:30:00 AM	300600.000	154.997	21.102
357.883	780.580	843.370	0.418
573.492	1281.099	0.998	14.803
1/15/2017 9:45:00 AM	301500.000	154.993	21.118
357.875	781.159	843.724	0.418
573.732	1280.149	0.998	14.806
1/15/2017 10:00:00 AM	302400.000	155.010	21.111
357.913	781.373	844.079	0.419
573.973	1279.798	0.998	14.806
1/15/2017 10:15:00 AM	303300.000	154.975	21.111
357.833	781.151	843.838	0.419
573.810	1280.163	0.998	14.812
1/15/2017 10:30:00 AM	304200.000	155.005	21.106
357.902	780.721	843.454	0.418
573.549	1280.868	0.998	14.814
1/15/2017 10:45:00 AM	305100.000	154.972	21.102
357.826	781.012	843.830	0.419
573.804	1280.391	0.998	14.811
1/15/2017 11:00:00 AM	306000.000	154.976	21.111
357.834	781.164	843.851	0.419
573.819	1280.140	0.998	14.809
1/15/2017 11:15:00 AM	306900.000	154.975	21.109
357.832	781.191	843.904	0.419
573.855	1280.097	0.998	14.803
1/15/2017 11:30:00 AM	307800.000	155.020	21.102
357.936	780.767	843.574	0.418
573.630	1280.792	0.998	14.803
1/15/2017 11:45:00 AM	308700.000	155.029	21.102
357.957	780.061	842.808	0.418
573.110	1281.951	0.998	14.799
1/15/2017 12:00:00 PM	309600.000	155.042	21.110
357.988	780.617	843.278	0.418
573.429	1281.039	0.998	14.793
1/15/2017 12:15:00 PM	310500.000	155.044	21.096

357.991	780.955	843.872	0.419
573.833	1280.483	0.998	14.792
1/15/2017 12:30:00 PM	311400.000	155.032	21.092
357.964	781.108	844.108	0.419
573.994	1280.233	0.998	14.782
1/15/2017 12:45:00 PM	312300.000	155.036	21.103
357.974	781.550	844.398	0.419
574.190	1279.508	0.998	14.778
1/15/2017 1:00:00 PM	313200.000	155.048	21.111
358.000	782.585	845.383	0.419
574.860	1277.817	0.998	14.773
1/15/2017 1:15:00 PM	314100.000	155.036	21.116
357.973	782.519	845.217	0.419
574.747	1277.925	0.998	14.769
1/15/2017 1:30:00 PM	315000.000	155.030	21.112
357.960	782.640	845.419	0.419
574.885	1277.727	0.998	14.779
1/15/2017 1:45:00 PM	315900.000	155.039	21.115
357.980	782.549	845.266	0.419
574.781	1277.875	0.998	14.769
1/15/2017 2:00:00 PM	316800.000	155.032	21.108
357.965	781.915	844.715	0.419
574.406	1278.912	0.998	14.770
1/15/2017 2:15:00 PM	317700.000	155.030	21.107
357.959	781.333	844.095	0.419
573.984	1279.863	0.998	14.778
1/15/2017 2:30:00 PM	318600.000	155.034	21.100
357.968	781.177	844.046	0.419
573.951	1280.120	0.998	14.780
1/15/2017 2:45:00 PM	319500.000	155.047	21.107
357.998	781.242	843.998	0.419
573.919	1280.012	0.998	14.774
1/15/2017 3:00:00 PM	320400.000	155.033	21.099
357.966	780.797	843.649	0.418
573.681	1280.743	0.998	14.770
1/15/2017 3:15:00 PM	321300.000	155.027	21.107
357.952	780.992	843.729	0.418
573.736	1280.423	0.998	14.774
1/15/2017 3:30:00 PM	322200.000	155.031	21.109
357.961	780.782	843.464	0.418
573.555	1280.768	0.998	14.777
1/15/2017 3:45:00 PM	323100.000	155.040	21.104
357.982	779.927	842.635	0.418
572.992	1282.171	0.998	14.773
1/15/2017 4:00:00 PM	324000.000	155.032	21.106
357.963	779.972	842.638	0.418
572.994	1282.097	0.998	14.776
1/15/2017 4:15:00 PM	324900.000	155.024	21.106
357.945	780.099	842.788	0.418
573.096	1281.889	0.998	14.781
1/15/2017 4:30:00 PM	325800.000	155.026	21.103
357.950	780.056	842.791	0.418
573.098	1281.959	0.998	14.772
1/15/2017 4:45:00 PM	326700.000	155.026	21.111
357.951	780.014	842.601	0.418

572.969	1282.028	0.998	14.779
1/15/2017 5:00:00 PM	327600.000	155.032	21.103
357.964	779.749	842.448	0.418
572.865	1282.464	0.998	14.776
1/15/2017 5:15:00 PM	328500.000	154.989	21.108
357.864	779.101	841.674	0.417
572.338	1283.530	0.998	14.772
1/15/2017 5:30:00 PM	329400.000	155.006	21.112
357.904	779.272	841.787	0.417
572.415	1283.249	0.998	14.784
1/15/2017 5:45:00 PM	330300.000	155.010	21.110
357.914	779.470	842.033	0.418
572.583	1282.923	0.998	14.778
1/15/2017 6:00:00 PM	331200.000	155.006	21.116
357.904	779.722	842.203	0.418
572.698	1282.509	0.998	14.779
1/15/2017 6:15:00 PM	332100.000	155.018	21.112
357.932	779.534	842.075	0.418
572.611	1282.817	0.998	14.773
1/15/2017 6:30:00 PM	333000.000	155.002	21.114
357.896	779.690	842.203	0.418
572.698	1282.562	0.998	14.781
1/15/2017 6:45:00 PM	333900.000	155.008	21.103
357.909	779.629	842.334	0.418
572.787	1282.662	0.998	14.780
1/15/2017 7:00:00 PM	334800.000	154.988	21.109
357.863	779.607	842.195	0.418
572.693	1282.697	0.998	14.790
1/15/2017 7:15:00 PM	335700.000	154.992	21.113
357.871	779.898	842.442	0.418
572.861	1282.219	0.998	14.784
1/15/2017 7:30:00 PM	336600.000	155.001	21.112
357.891	779.912	842.466	0.418
572.877	1282.197	0.998	14.786
1/15/2017 7:45:00 PM	337500.000	154.953	21.100
357.781	779.628	842.372	0.418
572.813	1282.663	0.998	14.787
1/15/2017 8:00:00 PM	338400.000	154.977	21.099
357.837	779.887	842.666	0.418
573.013	1282.236	0.998	14.794
1/15/2017 8:15:00 PM	339300.000	154.984	21.099
357.853	779.652	842.423	0.418
572.848	1282.623	0.998	14.786
1/15/2017 8:30:00 PM	340200.000	154.972	21.098
357.825	779.859	842.670	0.418
573.015	1282.282	0.998	14.790
1/15/2017 8:45:00 PM	341100.000	154.974	21.106
357.830	780.688	843.409	0.418
573.518	1280.922	0.998	14.792
1/15/2017 9:00:00 PM	342000.000	154.967	21.109
357.813	780.823	843.516	0.418
573.591	1280.700	0.998	14.792
1/15/2017 9:15:00 PM	342900.000	154.959	21.114
357.796	780.967	843.588	0.418
573.640	1280.464	0.998	14.795

1/15/2017 9:30:00 PM	343800.000	154.957	21.113
357.790	780.521	843.112	0.418
573.316	1281.196	0.998	14.792
1/15/2017 9:45:00 PM	344700.000	154.962	21.105
357.802	779.829	842.510	0.418
572.907	1282.333	0.998	14.792
1/15/2017 10:00:00 PM	345600.000	154.967	21.093
357.815	779.825	842.716	0.418
573.047	1282.340	0.998	14.790
1/15/2017 10:15:00 PM	346500.000	154.947	21.100
357.768	780.378	843.188	0.418
573.368	1281.431	0.998	14.792
1/15/2017 10:30:00 PM	347400.000	154.944	21.106
357.761	781.024	843.784	0.419
573.773	1280.370	0.998	14.798
1/15/2017 10:45:00 PM	348300.000	154.944	21.105
357.760	782.196	845.057	0.419
574.639	1278.452	0.998	14.800
1/15/2017 11:00:00 PM	349200.000	154.940	21.112
357.752	782.514	845.282	0.419
574.792	1277.933	0.998	14.801
1/15/2017 11:15:00 PM	350100.000	154.944	21.111
357.762	782.669	845.466	0.419
574.917	1277.679	0.998	14.796
1/15/2017 11:30:00 PM	351000.000	154.926	21.093
357.719	782.325	845.415	0.419
574.882	1278.241	0.998	14.811
1/15/2017 11:45:00 PM	351900.000	154.944	21.104
357.760	782.419	845.330	0.419
574.824	1278.088	0.998	14.800
1/16/2017 12:00:00 AM	352800.000	154.946	21.103
357.766	782.017	844.914	0.419
574.541	1278.745	0.998	14.797
1/16/2017 12:15:00 AM	353700.000	154.941	21.108
357.754	782.616	845.468	0.419
574.918	1277.767	0.998	14.797
1/16/2017 12:30:00 AM	354600.000	154.949	21.104
357.771	782.550	845.465	0.419
574.916	1277.874	0.998	14.794
1/16/2017 12:45:00 AM	355500.000	154.953	21.105
357.781	782.285	845.167	0.419
574.713	1278.307	0.998	14.793
1/16/2017 1:00:00 AM	356400.000	154.944	21.106
357.761	782.391	845.258	0.419
574.776	1278.134	0.998	14.792
1/16/2017 1:15:00 AM	357300.000	154.961	21.102
357.800	782.015	844.922	0.419
574.547	1278.748	0.998	14.791
1/16/2017 1:30:00 AM	358200.000	154.969	21.095
357.818	782.559	845.630	0.419
575.028	1277.859	0.998	14.789
1/16/2017 1:45:00 AM	359100.000	154.962	21.101
357.802	781.924	844.835	0.419
574.488	1278.896	0.998	14.788
1/16/2017 2:00:00 AM	360000.000	154.933	21.096

357.734	781.789	844.778	0.419
574.449	1279.117	0.998	14.788
1/16/2017 2:15:00 AM	360900.000	154.975	21.097
357.833	782.736	845.794	0.420
575.140	1277.570	0.998	14.782
1/16/2017 2:30:00 AM	361800.000	154.981	21.094
357.846	783.164	846.310	0.420
575.491	1276.872	0.998	14.775
1/16/2017 2:45:00 AM	362700.000	154.972	21.107
357.825	784.451	847.469	0.420
576.279	1274.776	0.998	14.779
1/16/2017 3:00:00 AM	363600.000	154.991	21.104
357.870	784.229	847.286	0.420
576.154	1275.138	0.998	14.779
1/16/2017 3:15:00 AM	364500.000	154.984	21.099
357.853	784.280	847.424	0.420
576.248	1275.055	0.998	14.784
1/16/2017 3:30:00 AM	365400.000	154.981	21.093
357.846	784.352	847.603	0.420
576.370	1274.938	0.998	14.789
1/16/2017 3:45:00 AM	366300.000	154.970	21.112
357.822	784.371	847.287	0.420
576.155	1274.907	0.998	14.785
1/16/2017 4:00:00 AM	367200.000	154.985	21.102
357.857	784.240	847.324	0.420
576.180	1275.120	0.998	14.788
1/16/2017 4:15:00 AM	368100.000	154.996	21.094
357.880	783.842	847.027	0.420
575.978	1275.767	0.998	14.782
1/16/2017 4:30:00 AM	369000.000	154.979	21.101
357.842	783.852	846.918	0.420
575.904	1275.750	0.998	14.784
1/16/2017 4:45:00 AM	369900.000	154.943	21.102
357.759	784.377	847.469	0.420
576.279	1274.897	0.998	14.785
1/16/2017 5:00:00 AM	370800.000	154.998	21.103
357.885	784.144	847.199	0.420
576.095	1275.275	0.998	14.780
1/16/2017 5:15:00 AM	371700.000	154.977	21.110
357.837	784.137	847.074	0.420
576.010	1275.287	0.998	14.793
1/16/2017 5:30:00 AM	372600.000	154.989	21.109
357.865	783.532	846.433	0.420
575.575	1276.272	0.998	14.792
1/16/2017 5:45:00 AM	373500.000	154.981	21.099
357.845	783.335	846.394	0.420
575.548	1276.593	0.998	14.796
1/16/2017 6:00:00 AM	374400.000	154.989	21.107
357.865	783.276	846.192	0.420
575.410	1276.689	0.998	14.795
1/16/2017 6:15:00 AM	375300.000	154.985	21.107
357.856	782.839	845.726	0.420
575.093	1277.402	0.998	14.792
1/16/2017 6:30:00 AM	376200.000	154.992	21.113
357.872	782.859	845.646	0.419

575.039	1277.369	0.998	14.793
1/16/2017 6:45:00 AM	377100.000	154.985	21.103
357.857	782.434	845.354	0.419
574.841	1278.063	0.998	14.798
1/16/2017 7:00:00 AM	378000.000	154.955	21.099
357.785	782.340	845.325	0.419
574.821	1278.217	0.998	14.789
1/16/2017 7:15:00 AM	378900.000	154.988	21.097
357.863	782.148	845.144	0.419
574.698	1278.530	0.998	14.802
1/16/2017 7:30:00 AM	379800.000	154.982	21.100
357.849	781.850	844.772	0.419
574.445	1279.017	0.998	14.797
1/16/2017 7:45:00 AM	380700.000	154.981	21.111
357.847	782.729	845.534	0.419
574.963	1277.581	0.998	14.800
1/16/2017 8:00:00 AM	381600.000	154.962	21.103
357.803	784.403	847.479	0.420
576.286	1274.856	0.998	14.792
1/16/2017 8:15:00 AM	382500.000	154.984	21.106
357.853	784.588	847.628	0.420
576.387	1274.554	0.998	14.803
1/16/2017 8:30:00 AM	383400.000	154.986	21.106
357.857	784.298	847.320	0.420
576.178	1275.026	0.998	14.808
1/16/2017 8:45:00 AM	384300.000	154.990	21.106
357.866	784.086	847.095	0.420
576.025	1275.370	0.998	14.805
1/16/2017 9:00:00 AM	385200.000	154.995	21.096
357.878	783.709	846.854	0.420
575.861	1275.984	0.998	14.808
1/16/2017 9:15:00 AM	386100.000	154.985	21.105
357.855	783.854	846.855	0.420
575.861	1275.748	0.998	14.809
1/16/2017 9:30:00 AM	387000.000	154.999	21.103
357.888	783.481	846.485	0.420
575.610	1276.355	0.998	14.801
1/16/2017 9:45:00 AM	387900.000	154.998	21.094
357.886	783.300	846.441	0.420
575.580	1276.650	0.998	14.807
1/16/2017 10:00:00 AM	388800.000	155.006	21.102
357.903	783.421	846.434	0.420
575.575	1276.454	0.998	14.812
1/16/2017 10:15:00 AM	389700.000	154.994	21.107
357.876	783.849	846.812	0.420
575.832	1275.757	0.998	14.809
1/16/2017 10:30:00 AM	390600.000	154.992	21.106
357.872	784.369	847.401	0.420
576.232	1274.910	0.998	14.815
1/16/2017 10:45:00 AM	391500.000	155.001	21.112
357.893	784.285	847.195	0.420
576.092	1275.047	0.998	14.811
1/16/2017 11:00:00 AM	392400.000	155.001	21.109
357.892	783.514	846.423	0.420
575.568	1276.302	0.998	14.809

1/16/2017 11:15:00 AM	393300.000	155.006	21.101
357.904	783.189	846.203	0.420
575.418	1276.831	0.998	14.809
1/16/2017 11:30:00 AM	394200.000	154.996	21.103
357.881	782.507	845.440	0.419
574.899	1277.944	0.998	14.811
1/16/2017 11:45:00 AM	395100.000	155.018	21.107
357.932	782.210	845.037	0.419
574.625	1278.430	0.998	14.806
1/16/2017 12:00:00 PM	396000.000	155.017	21.105
357.930	782.357	845.235	0.419
574.760	1278.188	0.998	14.795
1/16/2017 12:15:00 PM	396900.000	155.032	21.107
357.965	782.392	845.247	0.419
574.768	1278.132	0.998	14.792
1/16/2017 12:30:00 PM	397800.000	155.038	21.102
357.978	782.697	845.661	0.419
575.050	1277.633	0.998	14.790
1/16/2017 12:45:00 PM	398700.000	155.032	21.107
357.964	783.057	845.961	0.420
575.254	1277.046	0.998	14.788
1/16/2017 1:00:00 PM	399600.000	155.007	21.100
357.906	783.348	846.404	0.420
575.555	1276.572	0.998	14.786
1/16/2017 1:15:00 PM	400500.000	155.040	21.110
357.982	783.692	846.595	0.420
575.685	1276.012	0.998	14.779
1/16/2017 1:30:00 PM	401400.000	155.053	21.107
358.013	783.804	846.774	0.420
575.806	1275.830	0.998	14.778
1/16/2017 1:45:00 PM	402300.000	155.040	21.108
357.983	783.597	846.530	0.420
575.640	1276.166	0.998	14.777
1/16/2017 2:00:00 PM	403200.000	155.042	21.108
357.988	783.468	846.378	0.420
575.537	1276.376	0.998	14.770
1/16/2017 2:15:00 PM	404100.000	154.999	21.103
357.887	782.986	845.958	0.420
575.252	1277.161	0.998	14.773
1/16/2017 2:30:00 PM	405000.000	155.046	21.098
357.996	782.879	845.931	0.420
575.233	1277.337	0.998	14.775
1/16/2017 2:45:00 PM	405900.000	155.013	21.105
357.919	783.012	845.940	0.420
575.239	1277.120	0.998	14.775
1/16/2017 3:00:00 PM	406800.000	155.045	21.109
357.993	783.189	846.061	0.420
575.322	1276.831	0.998	14.770
1/16/2017 3:15:00 PM	407700.000	155.034	21.103
357.969	782.594	845.532	0.419
574.962	1277.801	0.998	14.771
1/16/2017 3:30:00 PM	408600.000	155.045	21.104
357.994	782.692	845.614	0.419
575.018	1277.642	0.998	14.769
1/16/2017 3:45:00 PM	409500.000	155.035	21.091

357.970	782.563	845.699	0.419
575.075	1277.853	0.998	14.771
1/16/2017 4:00:00 PM	410400.000	155.001	21.109
357.894	783.086	845.954	0.420
575.249	1277.000	0.998	14.769
1/16/2017 4:15:00 PM	411300.000	155.028	21.106
357.954	783.221	846.162	0.420
575.390	1276.778	0.998	14.771
1/16/2017 4:30:00 PM	412200.000	155.027	21.102
357.953	783.281	846.287	0.420
575.475	1276.681	0.998	14.775
1/16/2017 4:45:00 PM	413100.000	154.992	21.098
357.872	782.997	846.056	0.420
575.318	1277.144	0.998	14.770
1/16/2017 5:00:00 PM	414000.000	155.038	21.105
357.977	783.119	846.063	0.420
575.323	1276.945	0.998	14.765
1/16/2017 5:15:00 PM	414900.000	155.031	21.090
357.962	783.066	846.260	0.420
575.457	1277.031	0.998	14.772
1/16/2017 5:30:00 PM	415800.000	155.023	21.102
357.944	782.828	845.795	0.420
575.141	1277.420	0.998	14.770
1/16/2017 5:45:00 PM	416700.000	155.025	21.106
357.949	783.077	845.998	0.420
575.279	1277.014	0.998	14.776
1/16/2017 6:00:00 PM	417600.000	155.030	21.107
357.958	783.483	846.416	0.420
575.563	1276.352	0.998	14.775
1/16/2017 6:15:00 PM	418500.000	154.984	21.105
357.852	783.506	846.479	0.420
575.606	1276.314	0.998	14.770
1/16/2017 6:30:00 PM	419400.000	155.019	21.101
357.935	783.514	846.556	0.420
575.658	1276.302	0.998	14.769
1/16/2017 6:45:00 PM	420300.000	155.014	21.103
357.923	783.374	846.377	0.420
575.536	1276.530	0.998	14.771
1/16/2017 7:00:00 PM	421200.000	155.014	21.110
357.924	783.049	845.898	0.420
575.211	1277.059	0.998	14.769
1/16/2017 7:15:00 PM	422100.000	155.024	21.109
357.945	782.162	844.956	0.419
574.570	1278.508	0.998	14.771
1/16/2017 7:30:00 PM	423000.000	155.011	21.108
357.916	781.905	844.703	0.419
574.398	1278.927	0.998	14.775
1/16/2017 7:45:00 PM	423900.000	154.970	21.099
357.820	781.606	844.524	0.419
574.276	1279.416	0.998	14.770
1/16/2017 8:00:00 PM	424800.000	154.998	21.111
357.885	782.088	844.844	0.419
574.494	1278.629	0.998	14.771
1/16/2017 8:15:00 PM	425700.000	155.008	21.109
357.909	782.033	844.814	0.419

574.473	1278.719	0.998	14.773
1/16/2017 8:30:00 PM	426600.000	154.999	21.109
357.889	782.410	845.234	0.419
574.759	1278.102	0.998	14.779
1/16/2017 8:45:00 PM	427500.000	154.999	21.109
357.889	782.733	845.576	0.419
574.992	1277.575	0.998	14.784
1/16/2017 9:00:00 PM	428400.000	154.950	21.108
357.774	782.859	845.731	0.420
575.097	1277.369	0.998	14.790
1/16/2017 9:15:00 PM	429300.000	154.976	21.107
357.836	783.352	846.276	0.420
575.467	1276.565	0.998	14.786
1/16/2017 9:30:00 PM	430200.000	154.992	21.112
357.872	783.377	846.213	0.420
575.425	1276.524	0.998	14.778
1/16/2017 9:45:00 PM	431100.000	154.979	21.115
357.841	783.420	846.210	0.420
575.423	1276.454	0.998	14.784
1/16/2017 10:00:00 PM	432000.000	154.979	21.108
357.841	783.502	846.425	0.420
575.569	1276.321	0.998	14.785
1/16/2017 10:15:00 PM	432900.000	154.977	21.104
357.838	783.387	846.373	0.420
575.534	1276.508	0.998	14.779
1/16/2017 10:30:00 PM	433800.000	154.937	21.095
357.744	782.896	845.991	0.420
575.274	1277.309	0.998	14.779
1/16/2017 10:45:00 PM	434700.000	154.959	21.098
357.796	782.860	845.910	0.420
575.219	1277.368	0.998	14.784
1/16/2017 11:00:00 PM	435600.000	154.964	21.110
357.808	783.442	846.314	0.420
575.494	1276.419	0.998	14.785
1/16/2017 11:15:00 PM	436500.000	154.973	21.110
357.827	783.768	846.671	0.420
575.736	1275.889	0.998	14.780
1/16/2017 11:30:00 PM	437400.000	154.982	21.115
357.849	783.875	846.709	0.420
575.762	1275.714	0.998	14.774
1/16/2017 11:45:00 PM	438300.000	154.974	21.100
357.831	783.490	846.556	0.420
575.658	1276.341	0.998	14.776
1/17/2017 12:00:00 AM	439200.000	154.979	21.101
357.842	783.051	846.058	0.420
575.320	1277.057	0.998	14.778
1/17/2017 12:15:00 AM	440100.000	154.975	21.102
357.832	783.183	846.186	0.420
575.406	1276.841	0.998	14.775
1/17/2017 12:30:00 AM	441000.000	154.986	21.101
357.858	783.490	846.526	0.420
575.637	1276.340	0.998	14.776
1/17/2017 12:45:00 AM	441900.000	154.982	21.096
357.848	783.522	846.656	0.420
575.726	1276.288	0.998	14.775

1/17/2017 1:00:00 AM	442800.000	154.976	21.102
357.835	783.906	846.961	0.420
575.934	1275.663	0.998	14.780
1/17/2017 1:15:00 AM	443700.000	154.993	21.105
357.874	784.130	847.149	0.420
576.061	1275.300	0.998	14.774
1/17/2017 1:30:00 AM	444600.000	154.997	21.105
357.883	784.170	847.198	0.420
576.095	1275.234	0.998	14.775
1/17/2017 1:45:00 AM	445500.000	154.952	21.108
357.778	784.352	847.342	0.420
576.193	1274.938	0.998	14.782
1/17/2017 2:00:00 AM	446400.000	155.010	21.101
357.913	784.490	847.604	0.420
576.371	1274.714	0.998	14.780
1/17/2017 2:15:00 AM	447300.000	155.009	21.097
357.910	784.375	847.560	0.420
576.341	1274.900	0.998	14.775
1/17/2017 2:30:00 AM	448200.000	155.001	21.104
357.893	784.565	847.638	0.420
576.394	1274.592	0.998	14.775
1/17/2017 2:45:00 AM	449100.000	154.972	21.110
357.825	784.717	847.704	0.421
576.439	1274.345	0.998	14.772
1/17/2017 3:00:00 AM	450000.000	154.997	21.100
357.883	784.451	847.584	0.420
576.357	1274.776	0.998	14.777
1/17/2017 3:15:00 AM	450900.000	154.999	21.109
357.888	784.226	847.188	0.420
576.088	1275.143	0.998	14.777
1/17/2017 3:30:00 AM	451800.000	155.017	21.117
357.929	784.266	847.098	0.420
576.026	1275.078	0.998	14.767
1/17/2017 3:45:00 AM	452700.000	155.017	21.110
357.930	784.075	847.006	0.420
575.964	1275.388	0.998	14.776
1/17/2017 4:00:00 AM	453600.000	155.023	21.106
357.944	783.441	846.386	0.420
575.542	1276.420	0.998	14.775
1/17/2017 4:15:00 AM	454500.000	155.016	21.093
357.926	783.268	846.436	0.420
575.576	1276.702	0.998	14.778
1/17/2017 4:30:00 AM	455400.000	155.013	21.105
357.919	783.743	846.736	0.420
575.781	1275.928	0.998	14.773
1/17/2017 4:45:00 AM	456300.000	155.012	21.106
357.918	785.026	848.102	0.421
576.710	1273.843	0.998	14.774
1/17/2017 5:00:00 AM	457200.000	155.009	21.101
357.911	784.808	847.962	0.421
576.614	1274.197	0.998	14.784
1/17/2017 5:15:00 AM	458100.000	155.025	21.102
357.948	784.877	848.005	0.421
576.644	1274.085	0.998	14.770
1/17/2017 5:30:00 AM	459000.000	155.018	21.113

357.932	785.181	848.151	0.421
576.743	1273.592	0.998	14.775
1/17/2017 5:45:00 AM	459900.000	155.018	21.110
357.933	784.862	847.856	0.421
576.542	1274.110	0.998	14.773
1/17/2017 6:00:00 AM	460800.000	155.027	21.108
357.951	784.678	847.687	0.421
576.427	1274.408	0.998	14.772
1/17/2017 6:15:00 AM	461700.000	155.026	21.102
357.950	784.739	847.861	0.421
576.545	1274.310	0.998	14.773
1/17/2017 6:30:00 AM	462600.000	155.017	21.108
357.929	784.852	847.875	0.421
576.555	1274.126	0.998	14.773
1/17/2017 6:45:00 AM	463500.000	155.013	21.105
357.919	785.145	848.251	0.421
576.811	1273.649	0.998	14.775
1/17/2017 7:00:00 AM	464400.000	155.017	21.112
357.930	785.079	848.063	0.421
576.683	1273.757	0.998	14.773
1/17/2017 7:15:00 AM	465300.000	155.017	21.105
357.930	784.363	847.402	0.420
576.233	1274.920	0.998	14.781
1/17/2017 7:30:00 AM	466200.000	154.988	21.108
357.861	784.568	847.576	0.420
576.352	1274.586	0.998	14.775
1/17/2017 7:45:00 AM	467100.000	155.023	21.113
357.943	784.688	847.609	0.420
576.374	1274.392	0.998	14.780
1/17/2017 8:00:00 AM	468000.000	155.019	21.105
357.934	784.481	847.524	0.420
576.316	1274.729	0.998	14.769
1/17/2017 8:15:00 AM	468900.000	155.018	21.106
357.933	784.463	847.502	0.420
576.301	1274.757	0.998	14.767
1/17/2017 8:30:00 AM	469800.000	155.036	21.100
357.974	784.356	847.482	0.420
576.288	1274.931	0.998	14.749
1/17/2017 8:45:00 AM	470700.000	155.038	21.110
357.977	784.901	847.894	0.421
576.568	1274.046	0.998	14.756
1/17/2017 9:00:00 AM	471600.000	155.020	21.104
357.936	785.758	848.931	0.421
577.273	1272.657	0.998	14.770
1/17/2017 9:15:00 AM	472500.000	155.026	21.099
357.950	785.443	848.680	0.421
577.102	1273.167	0.998	14.774
1/17/2017 9:30:00 AM	473400.000	155.020	21.101
357.936	785.710	848.938	0.421
577.278	1272.734	0.998	14.795
1/17/2017 9:45:00 AM	474300.000	155.021	21.105
357.938	785.585	848.720	0.421
577.130	1272.936	0.998	14.802
1/17/2017 10:00:00 AM	475200.000	155.014	21.105
357.922	785.808	848.970	0.421

577.299	1272.576	0.998	14.801
1/17/2017 10:15:00 AM	476100.000	154.968	21.105
357.817	785.174	848.273	0.421
576.826	1273.602	0.998	14.811
1/17/2017 10:30:00 AM	477000.000	155.015	21.102
357.924	784.951	848.098	0.421
576.706	1273.965	0.998	14.806
1/17/2017 10:45:00 AM	477900.000	155.015	21.099
357.926	785.250	848.473	0.421
576.961	1273.481	0.998	14.797
1/17/2017 11:00:00 AM	478800.000	155.017	21.106
357.930	784.746	847.799	0.421
576.503	1274.297	0.998	14.797
1/17/2017 11:15:00 AM	479700.000	154.984	21.114
357.854	784.892	847.823	0.421
576.519	1274.061	0.998	14.790
1/17/2017 11:30:00 AM	480600.000	155.024	21.098
357.945	784.630	847.823	0.421
576.520	1274.485	0.998	14.792
1/17/2017 11:45:00 AM	481500.000	155.021	21.109
357.938	783.863	846.794	0.420
575.820	1275.733	0.998	14.792
1/17/2017 12:00:00 PM	482400.000	155.022	21.108
357.941	784.396	847.393	0.420
576.227	1274.866	0.998	14.787
1/17/2017 12:15:00 PM	483300.000	155.030	21.109
357.959	784.429	847.408	0.420
576.238	1274.813	0.998	14.788
1/17/2017 12:30:00 PM	484200.000	155.024	21.110
357.945	784.364	847.320	0.420
576.178	1274.918	0.998	14.778
1/17/2017 12:45:00 PM	485100.000	154.993	21.110
357.875	784.396	847.354	0.420
576.201	1274.866	0.998	14.778
1/17/2017 1:00:00 PM	486000.000	155.034	21.108
357.969	784.348	847.329	0.420
576.184	1274.944	0.998	14.778
1/17/2017 1:15:00 PM	486900.000	155.038	21.107
357.978	784.228	847.219	0.420
576.109	1275.139	0.998	14.769
1/17/2017 1:30:00 PM	487800.000	155.046	21.110
357.996	783.992	846.909	0.420
575.898	1275.523	0.998	14.768
1/17/2017 1:45:00 PM	488700.000	155.040	21.112
357.981	783.186	846.003	0.420
575.282	1276.836	0.998	14.768
1/17/2017 2:00:00 PM	489600.000	155.041	21.106
357.985	783.142	846.075	0.420
575.331	1276.907	0.998	14.774
1/17/2017 2:15:00 PM	490500.000	155.034	21.104
357.970	784.265	847.311	0.420
576.171	1275.079	0.998	14.774
1/17/2017 2:30:00 PM	491400.000	155.038	21.113
357.978	784.700	847.628	0.420
576.387	1274.373	0.998	14.770

1/17/2017 2:45:00 PM	492300.000	155.034	21.110
357.969	783.812	846.731	0.420
575.777	1275.817	0.998	14.774
1/17/2017 3:00:00 PM	493200.000	155.042	21.095
357.987	783.573	846.719	0.420
575.769	1276.206	0.998	14.772
1/17/2017 3:15:00 PM	494100.000	155.041	21.098
357.985	783.127	846.194	0.420
575.412	1276.933	0.998	14.779
1/17/2017 3:30:00 PM	495000.000	155.045	21.106
357.994	784.150	847.165	0.420
576.072	1275.266	0.998	14.772
1/17/2017 3:45:00 PM	495900.000	155.043	21.100
357.990	783.668	846.738	0.420
575.782	1276.050	0.998	14.771
1/17/2017 4:00:00 PM	496800.000	155.044	21.102
357.993	784.105	847.185	0.420
576.086	1275.339	0.998	14.775
1/17/2017 4:15:00 PM	497700.000	155.026	21.096
357.950	783.792	846.937	0.420
575.917	1275.849	0.998	14.786
1/17/2017 4:30:00 PM	498600.000	155.025	21.105
357.947	783.772	846.772	0.420
575.805	1275.881	0.998	14.790
1/17/2017 4:45:00 PM	499500.000	155.037	21.108
357.976	784.115	847.092	0.420
576.023	1275.323	0.998	14.780
1/17/2017 5:00:00 PM	500400.000	155.037	21.110
357.975	784.009	846.938	0.420
575.918	1275.496	0.998	14.789
1/17/2017 5:15:00 PM	501300.000	155.021	21.114
357.939	784.439	847.339	0.420
576.190	1274.796	0.998	14.794
1/17/2017 5:30:00 PM	502200.000	155.019	21.111
357.934	783.985	846.896	0.420
575.890	1275.535	0.998	14.794
1/17/2017 5:45:00 PM	503100.000	155.029	21.102
357.957	783.405	846.415	0.420
575.563	1276.479	0.998	14.791
1/17/2017 6:00:00 PM	504000.000	155.031	21.108
357.961	783.474	846.399	0.420
575.552	1276.367	0.998	14.790
1/17/2017 6:15:00 PM	504900.000	155.021	21.110
357.938	783.907	846.833	0.420
575.847	1275.662	0.998	14.800
1/17/2017 6:30:00 PM	505800.000	155.016	21.103
357.927	783.427	846.420	0.420
575.566	1276.444	0.998	14.796
1/17/2017 6:45:00 PM	506700.000	155.024	21.110
357.946	783.559	846.447	0.420
575.584	1276.228	0.998	14.796
1/17/2017 7:00:00 PM	507600.000	155.010	21.101
357.914	783.882	846.955	0.420
575.929	1275.703	0.998	14.797
1/17/2017 7:15:00 PM	508500.000	155.021	21.087

357.938	783.353	846.626	0.420
575.706	1276.564	0.998	14.794
1/17/2017 7:30:00 PM	509400.000	155.020	21.092
357.936	783.109	846.273	0.420
575.465	1276.961	0.998	14.798
1/17/2017 7:45:00 PM	510300.000	155.012	21.103
357.917	783.227	846.219	0.420
575.429	1276.770	0.998	14.801
1/17/2017 8:00:00 PM	511200.000	154.968	21.104
357.816	784.398	847.468	0.420
576.278	1274.864	0.998	14.802
1/17/2017 8:15:00 PM	512100.000	155.003	21.106
357.898	784.898	847.974	0.421
576.622	1274.050	0.998	14.805
1/17/2017 8:30:00 PM	513000.000	155.010	21.090
357.913	785.365	848.755	0.421
577.154	1273.293	0.998	14.805
1/17/2017 8:45:00 PM	513900.000	155.003	21.101
357.896	786.582	849.873	0.422
577.914	1271.324	0.998	14.806
1/17/2017 9:00:00 PM	514800.000	154.989	21.106
357.865	786.627	849.829	0.422
577.883	1271.251	0.998	14.802
1/17/2017 9:15:00 PM	515700.000	154.988	21.105
357.863	786.488	849.705	0.422
577.799	1271.475	0.998	14.795
1/17/2017 9:30:00 PM	516600.000	154.996	21.099
357.881	786.490	849.807	0.422
577.869	1271.472	0.998	14.794
1/17/2017 9:45:00 PM	517500.000	154.998	21.108
357.886	786.486	849.650	0.422
577.762	1271.479	0.998	14.790
1/17/2017 10:00:00 PM	518400.000	154.983	21.105
357.852	786.697	849.926	0.422
577.949	1271.138	0.998	14.790
1/17/2017 10:15:00 PM	519300.000	154.988	21.100
357.863	786.581	849.895	0.422
577.929	1271.326	0.998	14.788
1/17/2017 10:30:00 PM	520200.000	154.981	21.103
357.846	786.107	849.328	0.421
577.543	1272.092	0.998	14.795
1/17/2017 10:45:00 PM	521100.000	154.973	21.095
357.829	785.319	848.621	0.421
577.062	1273.369	0.998	14.794
1/17/2017 11:00:00 PM	522000.000	154.980	21.108
357.844	784.949	847.986	0.421
576.630	1273.968	0.998	14.787
1/17/2017 11:15:00 PM	522900.000	154.975	21.105
357.832	785.416	848.536	0.421
577.005	1273.210	0.998	14.797
1/17/2017 11:30:00 PM	523800.000	154.936	21.099
357.743	785.014	848.209	0.421
576.782	1273.862	0.998	14.792
1/17/2017 11:45:00 PM	524700.000	154.940	21.093
357.751	784.755	848.044	0.421

576.670	1274.283	0.998	14.790
1/18/2017 12:00:00 AM	525600.000	154.985	21.100
357.856	785.591	848.822	0.421
577.199	1272.926	0.998	14.777
1/18/2017 12:15:00 AM	526500.000	154.979	21.094
357.842	786.798	850.228	0.422
578.155	1270.975	0.998	14.783
1/18/2017 12:30:00 AM	527400.000	154.976	21.100
357.834	788.115	851.544	0.422
579.050	1268.851	0.998	14.775
1/18/2017 12:45:00 AM	528300.000	154.980	21.104
357.843	788.726	852.135	0.423
579.452	1267.867	0.998	14.779
1/18/2017 1:00:00 AM	529200.000	154.979	21.105
357.841	788.990	852.411	0.423
579.639	1267.444	0.998	14.775
1/18/2017 1:15:00 AM	530100.000	154.997	21.105
357.883	788.784	852.176	0.423
579.480	1267.774	0.998	14.775
1/18/2017 1:30:00 AM	531000.000	154.987	21.113
357.860	788.670	851.925	0.423
579.309	1267.957	0.998	14.784
1/18/2017 1:45:00 AM	531900.000	154.982	21.114
357.849	788.254	851.442	0.422
578.981	1268.626	0.998	14.792
1/18/2017 2:00:00 AM	532800.000	155.002	21.115
357.895	788.063	851.234	0.422
578.839	1268.934	0.998	14.784
1/18/2017 2:15:00 AM	533700.000	155.003	21.104
357.897	787.544	850.867	0.422
578.590	1269.771	0.998	14.788
1/18/2017 2:30:00 AM	534600.000	155.014	21.094
357.923	786.261	849.643	0.422
577.758	1271.843	0.998	14.791
1/18/2017 2:45:00 AM	535500.000	154.997	21.107
357.882	785.454	848.541	0.421
577.008	1273.150	0.998	14.789
1/18/2017 3:00:00 AM	536400.000	154.994	21.109
357.876	786.674	849.839	0.422
577.891	1271.175	0.998	14.782
1/18/2017 3:15:00 AM	537300.000	155.012	21.106
357.917	786.954	850.185	0.422
578.126	1270.723	0.998	14.783
1/18/2017 3:30:00 AM	538200.000	155.013	21.104
357.920	786.511	849.751	0.422
577.831	1271.438	0.998	14.785
1/18/2017 3:45:00 AM	539100.000	155.015	21.099
357.925	785.806	849.062	0.421
577.362	1272.578	0.998	14.783
1/18/2017 4:00:00 AM	540000.000	155.016	21.096
357.928	785.514	848.804	0.421
577.186	1273.052	0.998	14.777
1/18/2017 4:15:00 AM	540900.000	155.017	21.096
357.930	785.383	848.670	0.421
577.096	1273.265	0.998	14.785

1/18/2017 4:30:00 AM	541800.000	155.028	21.095
357.955	785.488	848.802	0.421
577.185	1273.094	0.998	14.784
1/18/2017 4:45:00 AM	542700.000	155.023	21.103
357.944	785.117	848.257	0.421
576.815	1273.696	0.998	14.786
1/18/2017 5:00:00 AM	543600.000	155.023	21.095
357.943	784.342	847.552	0.420
576.335	1274.954	0.998	14.785
1/18/2017 5:15:00 AM	544500.000	155.028	21.104
357.955	784.070	847.107	0.420
576.033	1275.397	0.998	14.779
1/18/2017 5:30:00 AM	545400.000	155.021	21.095
357.938	784.224	847.423	0.420
576.247	1275.146	0.998	14.778
1/18/2017 5:45:00 AM	546300.000	155.044	21.108
357.993	784.806	847.840	0.421
576.531	1274.200	0.998	14.768
1/18/2017 6:00:00 AM	547200.000	155.023	21.104
357.943	785.541	848.700	0.421
577.116	1273.008	0.998	14.779
1/18/2017 6:15:00 AM	548100.000	155.022	21.106
357.942	785.543	848.667	0.421
577.094	1273.005	0.998	14.785
1/18/2017 6:30:00 AM	549000.000	155.018	21.105
357.933	785.283	848.399	0.421
576.911	1273.426	0.998	14.789
1/18/2017 6:45:00 AM	549900.000	155.020	21.105
357.936	785.370	848.494	0.421
576.976	1273.285	0.998	14.788
1/18/2017 7:00:00 AM	550800.000	155.042	21.106
357.987	785.454	848.571	0.421
577.028	1273.149	0.998	14.770
1/18/2017 7:15:00 AM	551700.000	155.029	21.110
357.958	785.462	848.514	0.421
576.989	1273.136	0.998	14.773
1/18/2017 7:30:00 AM	552600.000	155.023	21.108
357.943	784.695	847.708	0.421
576.441	1274.381	0.998	14.776
1/18/2017 7:45:00 AM	553500.000	155.017	21.110
357.931	784.857	847.851	0.421
576.539	1274.117	0.998	14.764
1/18/2017 8:00:00 AM	554400.000	155.033	21.108
357.967	784.761	847.777	0.421
576.489	1274.274	0.998	14.758
1/18/2017 8:15:00 AM	555300.000	155.022	21.104
357.941	784.450	847.514	0.420
576.309	1274.779	0.998	14.759
1/18/2017 8:30:00 AM	556200.000	155.031	21.098
357.962	784.464	847.644	0.420
576.398	1274.755	0.998	14.755
1/18/2017 8:45:00 AM	557100.000	155.037	21.108
357.976	784.422	847.424	0.420
576.248	1274.823	0.998	14.746
1/18/2017 9:00:00 AM	558000.000	155.035	21.106

357.972	784.472	847.513	0.420
576.309	1274.742	0.998	14.741
1/18/2017 9:15:00 AM	558900.000	155.020	21.103
357.937	783.987	847.037	0.420
575.985	1275.531	0.998	14.745
1/18/2017 9:30:00 AM	559800.000	155.033	21.092
357.966	783.748	846.963	0.420
575.935	1275.921	0.998	14.738
1/18/2017 9:45:00 AM	560700.000	155.028	21.109
357.955	784.002	846.938	0.420
575.917	1275.508	0.998	14.742
1/18/2017 10:00:00 AM	561600.000	155.032	21.105
357.964	783.896	846.895	0.420
575.889	1275.679	0.998	14.742
1/18/2017 10:15:00 AM	562500.000	155.035	21.104
357.971	784.434	847.493	0.420
576.295	1274.805	0.998	14.772
1/18/2017 10:30:00 AM	563400.000	155.028	21.107
357.955	784.733	847.766	0.421
576.481	1274.318	0.998	14.777
1/18/2017 10:45:00 AM	564300.000	155.025	21.105
357.948	784.438	847.491	0.420
576.294	1274.799	0.998	14.783
1/18/2017 11:00:00 AM	565200.000	155.026	21.101
357.950	784.495	847.619	0.420
576.381	1274.705	0.998	14.776
1/18/2017 11:15:00 AM	566100.000	155.026	21.105
357.951	784.826	847.900	0.421
576.572	1274.168	0.998	14.772
1/18/2017 11:30:00 AM	567000.000	155.018	21.092
357.933	784.999	848.318	0.421
576.856	1273.887	0.998	14.773
1/18/2017 11:45:00 AM	567900.000	155.021	21.110
357.939	785.350	848.388	0.421
576.904	1273.318	0.998	14.771
1/18/2017 12:00:00 PM	568800.000	155.026	21.103
357.950	785.460	848.620	0.421
577.062	1273.140	0.998	14.760
1/18/2017 12:15:00 PM	569700.000	155.018	21.107
357.932	785.678	848.792	0.421
577.178	1272.785	0.998	14.761
1/18/2017 12:30:00 PM	570600.000	154.984	21.110
357.853	785.766	848.839	0.421
577.211	1272.644	0.998	14.746
1/18/2017 12:45:00 PM	571500.000	155.014	21.110
357.922	786.050	849.146	0.421
577.419	1272.184	0.998	14.743
1/18/2017 1:00:00 PM	572400.000	155.026	21.099
357.950	785.144	848.357	0.421
576.883	1273.651	0.998	14.740
1/18/2017 1:15:00 PM	573300.000	155.027	21.100
357.952	784.597	847.752	0.421
576.472	1274.539	0.998	14.730
1/18/2017 1:30:00 PM	574200.000	154.999	21.096
357.888	784.684	847.911	0.421

576.579	1274.398	0.998	14.725
1/18/2017 1:45:00 PM	575100.000	154.996	21.106
357.882	784.943	848.019	0.421
576.653	1273.978	0.998	14.723
1/18/2017 2:00:00 PM	576000.000	155.042	21.097
357.987	785.158	848.398	0.421
576.911	1273.628	0.998	14.714
1/18/2017 2:15:00 PM	576900.000	155.034	21.098
357.970	785.274	848.504	0.421
576.983	1273.440	0.998	14.706
1/18/2017 2:30:00 PM	577800.000	155.037	21.102
357.975	785.052	848.210	0.421
576.783	1273.801	0.998	14.700
1/18/2017 2:45:00 PM	578700.000	155.033	21.113
357.967	785.346	848.326	0.421
576.862	1273.324	0.998	14.690
1/18/2017 3:00:00 PM	579600.000	155.007	21.102
357.907	785.346	848.521	0.421
576.994	1273.325	0.998	14.676
1/18/2017 3:15:00 PM	580500.000	155.047	21.111
357.999	785.562	848.597	0.421
577.046	1272.974	0.998	14.673
1/18/2017 3:30:00 PM	581400.000	155.053	21.116
358.012	785.589	848.540	0.421
577.008	1272.930	0.998	14.667
1/18/2017 3:45:00 PM	582300.000	155.044	21.114
357.992	785.075	848.010	0.421
576.647	1273.763	0.998	14.672
1/18/2017 4:00:00 PM	583200.000	155.041	21.115
357.986	784.435	847.308	0.420
576.170	1274.802	0.998	14.672
1/18/2017 4:15:00 PM	584100.000	155.017	21.102
357.930	783.018	846.008	0.420
575.286	1277.109	0.998	14.660
1/18/2017 4:30:00 PM	585000.000	155.044	21.106
357.991	784.183	847.201	0.420
576.097	1275.212	0.998	14.654
1/18/2017 4:45:00 PM	585900.000	155.045	21.112
357.995	784.952	847.926	0.421
576.590	1273.963	0.998	14.657
1/18/2017 5:00:00 PM	586800.000	155.064	21.109
358.038	784.865	847.874	0.421
576.554	1274.104	0.998	14.647
1/18/2017 5:15:00 PM	587700.000	155.060	21.107
358.029	784.617	847.638	0.420
576.394	1274.508	0.998	14.638
1/18/2017 5:30:00 PM	588600.000	155.064	21.100
358.037	784.586	847.729	0.421
576.456	1274.558	0.998	14.635
1/18/2017 5:45:00 PM	589500.000	155.047	21.105
357.999	784.064	847.080	0.420
576.015	1275.406	0.998	14.632
1/18/2017 6:00:00 PM	590400.000	155.008	21.107
357.910	784.219	847.219	0.420
576.109	1275.154	0.998	14.630

1/18/2017 6:15:00 PM	591300.000	155.058	21.089
358.024	784.343	847.672	0.421
576.417	1274.952	0.998	14.622
1/18/2017 6:30:00 PM	592200.000	155.028	21.097
357.955	784.672	847.873	0.421
576.553	1274.418	0.998	14.629
1/18/2017 6:45:00 PM	593100.000	155.057	21.103
358.022	783.934	846.986	0.420
575.950	1275.617	0.998	14.627
1/18/2017 7:00:00 PM	594000.000	155.039	21.116
357.980	784.465	847.331	0.420
576.185	1274.754	0.998	14.631
1/18/2017 7:15:00 PM	594900.000	155.050	21.099
358.005	784.779	847.966	0.421
576.617	1274.244	0.998	14.629
1/18/2017 7:30:00 PM	595800.000	155.057	21.108
358.022	785.049	848.099	0.421
576.707	1273.805	0.998	14.635
1/18/2017 7:45:00 PM	596700.000	155.049	21.110
358.004	785.169	848.183	0.421
576.765	1273.612	0.998	14.637
1/18/2017 8:00:00 PM	597600.000	155.042	21.112
357.988	785.131	848.106	0.421
576.712	1273.672	0.998	14.639
1/18/2017 8:15:00 PM	598500.000	155.054	21.109
358.016	784.993	848.018	0.421
576.652	1273.897	0.998	14.640
1/18/2017 8:30:00 PM	599400.000	155.053	21.108
358.012	784.852	847.878	0.421
576.557	1274.125	0.998	14.641
1/18/2017 8:45:00 PM	600300.000	155.050	21.099
358.006	784.160	847.293	0.420
576.160	1275.250	0.998	14.645
1/18/2017 9:00:00 PM	601200.000	155.034	21.110
357.970	784.534	847.506	0.420
576.304	1274.643	0.998	14.653
1/18/2017 9:15:00 PM	602100.000	155.040	21.107
357.982	784.102	847.085	0.420
576.018	1275.344	0.998	14.646
1/18/2017 9:30:00 PM	603000.000	155.051	21.112
358.008	784.274	847.180	0.420
576.083	1275.064	0.998	14.647
1/18/2017 9:45:00 PM	603900.000	155.038	21.104
357.977	784.122	847.169	0.420
576.075	1275.312	0.998	14.649
1/18/2017 10:00:00 PM	604800.000	155.036	21.111
357.973	784.228	847.148	0.420
576.061	1275.140	0.998	14.658
1/18/2017 10:15:00 PM	605700.000	155.037	21.105
357.975	784.283	847.324	0.420
576.180	1275.050	0.998	14.657
1/18/2017 10:30:00 PM	606600.000	155.042	21.109
357.987	784.269	847.235	0.420
576.120	1275.073	0.998	14.660
1/18/2017 10:45:00 PM	607500.000	154.993	21.098

357.873	784.109	847.258	0.420
576.136	1275.333	0.998	14.655
1/18/2017 11:00:00 PM	608400.000	155.035	21.105
357.971	783.975	846.986	0.420
575.951	1275.552	0.998	14.656
1/18/2017 11:15:00 PM	609300.000	155.034	21.113
357.968	784.048	846.920	0.420
575.906	1275.432	0.998	14.665
1/18/2017 11:30:00 PM	610200.000	155.043	21.109
357.989	783.534	846.440	0.420
575.579	1276.269	0.998	14.657
1/18/2017 11:45:00 PM	611100.000	154.990	21.111
357.866	783.567	846.442	0.420
575.581	1276.215	0.998	14.670

Report Date: 1/20/2017 8:29:38 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_2017-01-19_12-31-14-974.wsl
Create Date: 1/19/2017 12:31:10 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.
	Sensor SN: 410760
	Cell Constant: 1.0333 Cell Offset: 0
	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.
	Sensor SN: 410760
	Cell Constant: 1.03308 Cell Offset: 0
	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.
	Sensor SN: 410760
	Cell Constant: 1.01925 Cell Offset: 0
	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 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 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 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

Log Data:
Record Count: 731
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	
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	
Date and Time		Pressure (PSI)		Temperature (C)	
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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1/12/2017 12:00:00 AM	7200.000	71.190	16.815
160.362	37875.504	44894.086	30527.980
29.179	26.402	1.021	
1/12/2017 12:15:00 AM	8100.000	71.196	16.803
160.376	37850.289	44875.789	30515.539
29.165	26.420	1.021	
1/12/2017 12:30:00 AM	9000.000	71.198	16.816
160.380	37875.059	44892.582	30526.959
29.178	26.403	1.021	
1/12/2017 12:45:00 AM	9900.000	71.199	16.816
160.384	37868.613	44885.023	30521.818
29.173	26.407	1.021	
1/12/2017 1:00:00 AM	10800.000	71.215	16.820
160.419	37838.965	44845.781	30495.133
29.144	26.428	1.021	
1/12/2017 1:15:00 AM	11700.000	71.221	16.813
160.433	37860.211	44878.102	30517.111
29.167	26.413	1.021	
1/12/2017 1:30:00 AM	12600.000	71.208	16.809
160.403	37882.523	44907.938	30537.398
29.189	26.397	1.021	
1/12/2017 1:45:00 AM	13500.000	71.228	16.816
160.447	37899.281	44921.375	30546.537
29.199	26.386	1.021	
1/12/2017 2:00:00 AM	14400.000	71.235	16.809
160.465	37834.813	44851.637	30499.115
29.148	26.431	1.021	
1/12/2017 2:15:00 AM	15300.000	71.222	16.808
160.434	37866.371	44890.125	30525.285
29.176	26.409	1.021	
1/12/2017 2:30:00 AM	16200.000	71.221	16.815
160.432	37865.867	44882.480	30520.090
29.171	26.409	1.021	
1/12/2017 2:45:00 AM	17100.000	71.238	16.813
160.471	37859.359	44876.551	30516.057
29.166	26.414	1.021	
1/12/2017 3:00:00 AM	18000.000	71.238	16.820
160.471	37843.160	44850.137	30498.094
29.148	26.425	1.021	
1/12/2017 3:15:00 AM	18900.000	71.227	16.809
160.445	37843.000	44861.086	30505.541
29.155	26.425	1.021	
1/12/2017 3:30:00 AM	19800.000	71.224	16.820
160.439	37845.148	44852.668	30499.814
29.149	26.423	1.021	
1/12/2017 3:45:00 AM	20700.000	71.230	16.824
160.453	37884.191	44894.926	30528.553
29.180	26.396	1.021	
1/12/2017 4:00:00 AM	21600.000	71.228	16.813
160.449	37882.328	44903.867	30534.631
29.186	26.398	1.021	
1/12/2017 4:15:00 AM	22500.000	71.249	16.808
160.494	37846.379	44866.066	30508.926
29.158	26.423	1.021	
1/12/2017 4:30:00 AM	23400.000	71.249	16.814
160.495	37877.723	44897.957	30530.613

29.182	26.401	1.021	
1/12/2017 4:45:00 AM	24300.000	71.247	16.818
160.491	37910.918	44932.582	30554.158
29.207	26.378	1.021	
1/12/2017 5:00:00 AM	25200.000	71.251	16.822
160.501	37857.715	44865.422	30508.488
29.159	26.415	1.021	
1/12/2017 5:15:00 AM	26100.000	71.251	16.817
160.499	37878.699	44895.195	30528.734
29.180	26.400	1.021	
1/12/2017 5:30:00 AM	27000.000	71.233	16.811
160.460	37872.348	44894.008	30527.928
29.179	26.404	1.021	
1/12/2017 5:45:00 AM	27900.000	71.238	16.822
160.471	37875.910	44887.258	30523.338
29.174	26.402	1.021	
1/12/2017 6:00:00 AM	28800.000	71.238	16.818
160.471	37869.215	44883.781	30520.971
29.172	26.407	1.021	
1/12/2017 6:15:00 AM	29700.000	71.241	16.815
160.477	37883.887	44903.652	30534.486
29.186	26.396	1.021	
1/12/2017 6:30:00 AM	30600.000	71.243	16.811
160.481	37843.980	44860.723	30505.293
29.155	26.424	1.021	
1/12/2017 6:45:00 AM	31500.000	71.260	16.821
160.520	37874.527	44886.859	30523.066
29.174	26.403	1.021	
1/12/2017 7:00:00 AM	32400.000	71.252	16.806
160.503	37854.211	44878.215	30517.188
29.167	26.417	1.021	
1/12/2017 7:15:00 AM	33300.000	71.273	16.815
160.549	37873.199	44891.355	30526.123
29.177	26.404	1.021	
1/12/2017 7:30:00 AM	34200.000	71.256	16.813
160.512	37844.613	44859.613	30504.539
29.154	26.424	1.021	
1/12/2017 7:45:00 AM	35100.000	71.278	16.810
160.562	37878.480	44902.070	30533.408
29.185	26.400	1.021	
1/12/2017 8:00:00 AM	36000.000	71.282	16.821
160.570	37863.875	44873.887	30514.246
29.165	26.410	1.021	
1/12/2017 8:15:00 AM	36900.000	71.273	16.819
160.549	37881.414	44897.254	30530.135
29.182	26.398	1.021	
1/12/2017 8:30:00 AM	37800.000	71.289	16.815
160.585	37881.602	44901.574	30533.072
29.184	26.398	1.021	
1/12/2017 8:45:00 AM	38700.000	71.280	16.808
160.565	37860.996	44883.848	30521.020
29.171	26.412	1.021	
1/12/2017 9:00:00 AM	39600.000	71.285	16.813
160.577	37880.625	44902.477	30533.686
29.185	26.399	1.021	
1/12/2017 9:15:00 AM	40500.000	71.291	16.826
160.590	37868.777	44874.605	30514.734

29.166	26.407	1.021	
1/12/2017 9:30:00 AM	41400.000	71.300	16.815
160.610	37881.320	44900.441	30532.303
29.184	26.398	1.021	
1/12/2017 9:45:00 AM	42300.000	71.300	16.814
160.611	37865.992	44883.973	30521.104
29.172	26.409	1.021	
1/12/2017 10:00:00 AM	43200.000	71.326	16.818
160.669	37876.043	44891.246	30526.049
29.177	26.402	1.021	
1/12/2017 10:15:00 AM	44100.000	71.318	16.816
160.650	37874.781	44891.809	30526.432
29.177	26.403	1.021	
1/12/2017 10:30:00 AM	45000.000	71.334	16.815
160.688	37889.543	44910.543	30539.172
29.191	26.393	1.021	
1/12/2017 10:45:00 AM	45900.000	71.326	16.812
160.668	37861.063	44879.461	30518.033
29.168	26.412	1.021	
1/12/2017 11:00:00 AM	46800.000	71.345	16.813
160.711	37866.750	44885.590	30522.203
29.173	26.408	1.021	
1/12/2017 11:15:00 AM	47700.000	71.337	16.812
160.693	37908.621	44936.371	30556.734
29.209	26.379	1.021	
1/12/2017 11:30:00 AM	48600.000	71.343	16.814
160.707	37887.742	44909.402	30538.396
29.190	26.394	1.021	
1/12/2017 11:45:00 AM	49500.000	71.345	16.806
160.711	37849.563	44872.152	30513.064
29.163	26.420	1.021	
1/12/2017 12:00:00 PM	50400.000	71.365	16.809
160.757	37857.906	44879.555	30518.100
29.168	26.415	1.021	
1/12/2017 12:15:00 PM	51300.000	71.371	16.808
160.770	37861.883	44884.445	30521.426
29.172	26.412	1.021	
1/12/2017 12:30:00 PM	52200.000	71.351	16.807
160.725	37865.113	44889.715	30525.008
29.175	26.410	1.021	
1/12/2017 12:45:00 PM	53100.000	71.371	16.814
160.770	37896.121	44919.684	30545.385
29.197	26.388	1.021	
1/12/2017 1:00:00 PM	54000.000	71.357	16.812
160.739	37841.012	44855.871	30501.994
29.151	26.426	1.021	
1/12/2017 1:15:00 PM	54900.000	71.357	16.822
160.738	37860.426	44868.637	30510.676
29.161	26.413	1.021	
1/12/2017 1:30:00 PM	55800.000	71.354	16.815
160.731	37858.727	44874.020	30514.336
29.165	26.414	1.021	
1/12/2017 1:45:00 PM	56700.000	71.366	16.814
160.758	37855.914	44871.676	30512.740
29.163	26.416	1.021	
1/12/2017 2:00:00 PM	57600.000	71.347	16.811
160.716	37863.750	44884.426	30521.412

29.172	26.410	1.021	
1/12/2017 2:15:00 PM	58500.000	71.345	16.804
160.712	37851.777	44876.570	30516.070
29.166	26.419	1.021	
1/12/2017 2:30:00 PM	59400.000	71.347	16.810
160.716	37855.820	44876.105	30515.752
29.166	26.416	1.021	
1/12/2017 2:45:00 PM	60300.000	71.351	16.814
160.725	37860.242	44876.434	30515.977
29.166	26.413	1.021	
1/12/2017 3:00:00 PM	61200.000	71.333	16.809
160.685	37866.117	44888.840	30524.414
29.175	26.409	1.021	
1/12/2017 3:15:00 PM	62100.000	71.328	16.814
160.673	37884.426	44905.023	30535.418
29.187	26.396	1.021	
1/12/2017 3:30:00 PM	63000.000	71.321	16.817
160.658	37864.289	44878.648	30517.482
29.168	26.410	1.021	
1/12/2017 3:45:00 PM	63900.000	71.331	16.812
160.679	37885.688	44909.457	30538.434
29.190	26.395	1.021	
1/12/2017 4:00:00 PM	64800.000	71.325	16.822
160.667	37860.617	44869.223	30511.074
29.161	26.413	1.021	
1/12/2017 4:15:00 PM	65700.000	71.299	16.814
160.608	37833.969	44846.094	30495.346
29.144	26.431	1.021	
1/12/2017 4:30:00 PM	66600.000	71.295	16.815
160.598	37855.188	44869.559	30511.303
29.161	26.416	1.021	
1/12/2017 4:45:00 PM	67500.000	71.289	16.819
160.586	37873.762	44887.648	30523.604
29.175	26.404	1.021	
1/12/2017 5:00:00 PM	68400.000	71.281	16.812
160.568	37849.000	44865.340	30508.432
29.158	26.421	1.021	
1/12/2017 5:15:00 PM	69300.000	71.278	16.812
160.560	37847.297	44863.496	30507.180
29.157	26.422	1.021	
1/12/2017 5:30:00 PM	70200.000	71.269	16.806
160.540	37831.859	44851.613	30499.100
29.148	26.433	1.021	
1/12/2017 5:45:00 PM	71100.000	71.279	16.815
160.563	37867.824	44884.801	30521.666
29.172	26.408	1.021	
1/12/2017 6:00:00 PM	72000.000	71.260	16.808
160.520	37865.461	44889.047	30524.553
29.175	26.409	1.021	
1/12/2017 6:15:00 PM	72900.000	71.251	16.817
160.499	37876.930	44893.727	30527.736
29.179	26.401	1.021	
1/12/2017 6:30:00 PM	73800.000	71.264	16.816
160.529	37839.559	44850.762	30498.520
29.148	26.427	1.021	
1/12/2017 6:45:00 PM	74700.000	71.240	16.817
160.476	37886.418	44905.242	30535.566

29.187	26.395	1.021	
1/12/2017 7:00:00 PM	75600.000	71.233	16.813
160.459	37871.961	44891.676	30526.340
29.177	26.405	1.021	
1/12/2017 7:15:00 PM	76500.000	71.225	16.821
160.440	37855.660	44864.676	30507.982
29.158	26.416	1.021	
1/12/2017 7:30:00 PM	77400.000	71.224	16.813
160.439	37846.313	44861.449	30505.787
29.155	26.423	1.021	
1/12/2017 7:45:00 PM	78300.000	71.207	16.818
160.401	37854.809	44866.082	30508.938
29.159	26.417	1.021	
1/12/2017 8:00:00 PM	79200.000	71.218	16.812
160.426	37850.070	44867.234	30509.721
29.159	26.420	1.021	
1/12/2017 8:15:00 PM	80100.000	71.194	16.811
160.371	37871.773	44893.762	30527.760
29.179	26.405	1.021	
1/12/2017 8:30:00 PM	81000.000	71.186	16.824
160.354	37893.871	44906.496	30536.418
29.188	26.389	1.021	
1/12/2017 8:45:00 PM	81900.000	71.190	16.816
160.363	37858.156	44872.719	30513.451
29.164	26.414	1.021	
1/12/2017 9:00:00 PM	82800.000	71.169	16.812
160.315	37864.152	44883.750	30520.953
29.171	26.410	1.021	
1/12/2017 9:15:00 PM	83700.000	71.179	16.808
160.338	37843.473	44862.719	30506.648
29.156	26.425	1.021	
1/12/2017 9:30:00 PM	84600.000	71.171	16.817
160.319	37843.285	44854.203	30500.859
29.150	26.425	1.021	
1/12/2017 9:45:00 PM	85500.000	71.150	16.820
160.272	37856.609	44866.340	30509.113
29.159	26.415	1.021	
1/12/2017 10:00:00 PM	86400.000	71.149	16.811
160.270	37851.813	44870.277	30511.791
29.162	26.419	1.021	
1/12/2017 10:15:00 PM	87300.000	71.148	16.817
160.267	37869.750	44884.766	30521.643
29.172	26.406	1.021	
1/12/2017 10:30:00 PM	88200.000	71.164	16.813
160.304	37861.250	44879.512	30518.070
29.168	26.412	1.021	
1/12/2017 10:45:00 PM	89100.000	71.168	16.808
160.313	37848.969	44869.402	30511.193
29.161	26.421	1.021	
1/12/2017 11:00:00 PM	90000.000	71.150	16.816
160.272	37856.828	44870.793	30512.141
29.162	26.415	1.021	
1/12/2017 11:15:00 PM	90900.000	71.151	16.817
160.274	37854.238	44867.102	30509.631
29.160	26.417	1.021	
1/12/2017 11:30:00 PM	91800.000	71.153	16.819
160.279	37880.711	44895.973	30529.262

29.181	26.399	1.021	
1/12/2017 11:45:00 PM	92700.000	71.175	16.817
160.329	37853.988	44866.262	30509.061
29.159	26.417	1.021	
1/13/2017 12:00:00 AM	93600.000	71.173	16.809
160.325	37861.977	44883.582	30520.838
29.171	26.412	1.021	
1/13/2017 12:15:00 AM	94500.000	71.163	16.813
160.301	37873.707	44893.648	30527.684
29.179	26.404	1.021	
1/13/2017 12:30:00 AM	95400.000	71.167	16.815
160.310	37851.434	44865.559	30508.582
29.158	26.419	1.021	
1/13/2017 12:45:00 AM	96300.000	71.184	16.816
160.349	37857.367	44870.984	30512.271
29.162	26.415	1.021	
1/13/2017 1:00:00 AM	97200.000	71.187	16.807
160.355	37865.145	44889.473	30524.844
29.175	26.410	1.021	
1/13/2017 1:15:00 AM	98100.000	71.189	16.814
160.360	37864.066	44881.594	30519.486
29.170	26.410	1.021	
1/13/2017 1:30:00 AM	99000.000	71.179	16.806
160.337	37875.664	44902.832	30533.928
29.185	26.402	1.021	
1/13/2017 1:45:00 AM	99900.000	71.177	16.814
160.333	37873.328	44891.945	30526.525
29.177	26.404	1.021	
1/13/2017 2:00:00 AM	100800.000	71.180	16.809
160.341	37878.297	44902.836	30533.932
29.185	26.400	1.021	
1/13/2017 2:15:00 AM	101700.000	71.179	16.820
160.338	37876.758	44890.133	30525.293
29.176	26.401	1.021	
1/13/2017 2:30:00 AM	102600.000	71.181	16.820
160.342	37873.531	44886.309	30522.691
29.174	26.404	1.021	
1/13/2017 2:45:00 AM	103500.000	71.195	16.821
160.374	37899.535	44915.871	30542.795
29.195	26.386	1.021	
1/13/2017 3:00:00 AM	104400.000	71.196	16.819
160.377	37885.137	44901.039	30532.709
29.184	26.396	1.021	
1/13/2017 3:15:00 AM	105300.000	71.184	16.819
160.348	37865.547	44877.914	30516.982
29.168	26.409	1.021	
1/13/2017 3:30:00 AM	106200.000	71.181	16.813
160.343	37850.770	44866.281	30509.074
29.159	26.420	1.021	
1/13/2017 3:45:00 AM	107100.000	71.196	16.816
160.377	37868.641	44885.148	30521.902
29.173	26.407	1.021	
1/13/2017 4:00:00 AM	108000.000	71.186	16.814
160.354	37869.090	44887.547	30523.533
29.174	26.407	1.021	
1/13/2017 4:15:00 AM	108900.000	71.184	16.825
160.348	37868.551	44875.313	30515.215

29.166	26.407	1.021	
1/13/2017 4:30:00 AM	109800.000	71.178	16.814
160.335	37863.496	44880.840	30518.973
29.169	26.411	1.021	
1/13/2017 4:45:00 AM	110700.000	71.198	16.806
160.380	37864.223	44889.719	30525.012
29.175	26.410	1.021	
1/13/2017 5:00:00 AM	111600.000	71.180	16.808
160.340	37866.813	44891.098	30525.949
29.176	26.408	1.021	
1/13/2017 5:15:00 AM	112500.000	71.179	16.812
160.339	37870.066	44890.488	30525.535
29.176	26.406	1.021	
1/13/2017 5:30:00 AM	113400.000	71.191	16.815
160.365	37881.254	44900.719	30532.490
29.184	26.398	1.021	
1/13/2017 5:45:00 AM	114300.000	71.176	16.814
160.331	37856.070	44872.293	30513.160
29.163	26.416	1.021	
1/13/2017 6:00:00 AM	115200.000	71.179	16.808
160.339	37847.957	44868.656	30510.689
29.160	26.422	1.021	
1/13/2017 6:15:00 AM	116100.000	71.177	16.823
160.333	37901.250	44916.219	30543.031
29.195	26.384	1.021	
1/13/2017 6:30:00 AM	117000.000	71.200	16.811
160.385	37864.414	44884.945	30521.766
29.172	26.410	1.021	
1/13/2017 6:45:00 AM	117900.000	71.179	16.811
160.338	37872.156	44893.781	30527.773
29.179	26.405	1.021	
1/13/2017 7:00:00 AM	118800.000	71.193	16.811
160.370	37874.367	44896.402	30529.557
29.180	26.403	1.021	
1/13/2017 7:15:00 AM	119700.000	71.180	16.808
160.341	37855.316	44877.555	30516.738
29.167	26.416	1.021	
1/13/2017 7:30:00 AM	120600.000	71.197	16.808
160.379	37880.727	44906.879	30536.678
29.188	26.399	1.021	
1/13/2017 7:45:00 AM	121500.000	71.186	16.815
160.353	37880.277	44899.746	30531.830
29.183	26.399	1.021	
1/13/2017 8:00:00 AM	122400.000	71.187	16.817
160.356	37875.789	44892.645	30527.000
29.178	26.402	1.021	
1/13/2017 8:15:00 AM	123300.000	71.196	16.809
160.376	37890.012	44917.613	30543.979
29.196	26.392	1.021	
1/13/2017 8:30:00 AM	124200.000	71.221	16.812
160.433	37849.250	44865.371	30508.455
29.158	26.421	1.021	
1/13/2017 8:45:00 AM	125100.000	71.205	16.813
160.397	37861.188	44879.156	30517.828
29.168	26.412	1.021	
1/13/2017 9:00:00 AM	126000.000	71.229	16.812
160.451	37882.930	44905.832	30535.969

29.187	26.397	1.021	
1/13/2017 9:15:00 AM	126900.000	71.222	16.807
160.435	37863.336	44887.145	30523.260
29.174	26.411	1.021	
1/13/2017 9:30:00 AM	127800.000	71.242	16.813
160.480	37863.270	44881.551	30519.457
29.170	26.411	1.021	
1/13/2017 9:45:00 AM	128700.000	71.248	16.809
160.493	37856.703	44877.680	30516.822
29.167	26.415	1.021	
1/13/2017 10:00:00 AM	129600.000	71.235	16.817
160.464	37862.141	44876.551	30516.057
29.166	26.412	1.021	
1/13/2017 10:15:00 AM	130500.000	71.260	16.821
160.519	37865.203	44875.555	30515.379
29.166	26.409	1.021	
1/13/2017 10:30:00 AM	131400.000	71.260	16.820
160.519	37864.320	44875.738	30515.504
29.166	26.410	1.021	
1/13/2017 10:45:00 AM	132300.000	71.267	16.819
160.536	37896.992	44915.352	30542.439
29.195	26.387	1.021	
1/13/2017 11:00:00 AM	133200.000	71.268	16.823
160.538	37874.145	44884.094	30521.186
29.172	26.403	1.021	
1/13/2017 11:15:00 AM	134100.000	71.259	16.821
160.517	37863.055	44872.637	30513.393
29.164	26.411	1.021	
1/13/2017 11:30:00 AM	135000.000	71.274	16.816
160.551	37880.121	44898.398	30530.914
29.182	26.399	1.021	
1/13/2017 11:45:00 AM	135900.000	71.268	16.818
160.538	37917.672	44940.586	30559.602
29.213	26.373	1.021	
1/13/2017 12:00:00 PM	136800.000	71.267	16.806
160.536	37882.363	44911.488	30539.814
29.191	26.398	1.021	
1/13/2017 12:15:00 PM	137700.000	71.291	16.810
160.589	37838.613	44855.707	30501.883
29.151	26.428	1.021	
1/13/2017 12:30:00 PM	138600.000	71.285	16.816
160.576	37884.059	44902.703	30533.840
29.185	26.396	1.021	
1/13/2017 12:45:00 PM	139500.000	71.268	16.813
160.539	37879.836	44901.543	30533.051
29.184	26.399	1.021	
1/13/2017 1:00:00 PM	140400.000	71.270	16.811
160.543	37868.609	44890.188	30525.330
29.176	26.407	1.021	
1/13/2017 1:15:00 PM	141300.000	71.269	16.820
160.540	37874.586	44887.645	30523.600
29.175	26.403	1.021	
1/13/2017 1:30:00 PM	142200.000	71.283	16.813
160.572	37862.449	44880.652	30518.844
29.169	26.411	1.021	
1/13/2017 1:45:00 PM	143100.000	71.266	16.815
160.533	37885.656	44906.301	30536.287

29.188	26.395	1.021	
1/13/2017 2:00:00 PM	144000.000	71.264	16.813
160.529	37839.121	44852.391	30499.627
29.149	26.428	1.021	
1/13/2017 2:15:00 PM	144900.000	71.264	16.820
160.529	37876.074	44889.586	30524.920
29.176	26.402	1.021	
1/13/2017 2:30:00 PM	145800.000	71.265	16.809
160.531	37875.188	44900.043	30532.029
29.183	26.403	1.021	
1/13/2017 2:45:00 PM	146700.000	71.273	16.811
160.549	37855.508	44873.859	30514.227
29.164	26.416	1.021	
1/13/2017 3:00:00 PM	147600.000	71.253	16.814
160.505	37840.414	44853.379	30500.299
29.150	26.427	1.021	
1/13/2017 3:15:00 PM	148500.000	71.242	16.812
160.480	37865.453	44885.469	30522.121
29.173	26.409	1.021	
1/13/2017 3:30:00 PM	149400.000	71.258	16.819
160.517	37872.535	44886.195	30522.615
29.174	26.404	1.021	
1/13/2017 3:45:00 PM	150300.000	71.249	16.814
160.495	37863.176	44880.098	30518.469
29.169	26.411	1.021	
1/13/2017 4:00:00 PM	151200.000	71.246	16.815
160.488	37862.672	44878.879	30517.641
29.168	26.411	1.021	
1/13/2017 4:15:00 PM	152100.000	71.218	16.807
160.425	37872.535	44898.051	30530.678
29.181	26.404	1.021	
1/13/2017 4:30:00 PM	153000.000	71.212	16.811
160.411	37850.422	44868.102	30510.309
29.160	26.420	1.021	
1/13/2017 4:45:00 PM	153900.000	71.207	16.816
160.400	37867.664	44883.898	30521.051
29.172	26.408	1.021	
1/13/2017 5:00:00 PM	154800.000	71.202	16.806
160.388	37879.051	44906.848	30536.658
29.188	26.400	1.021	
1/13/2017 5:15:00 PM	155700.000	71.189	16.814
160.360	37862.738	44879.578	30518.113
29.168	26.411	1.021	
1/13/2017 5:30:00 PM	156600.000	71.199	16.809
160.382	37863.656	44886.102	30522.551
29.173	26.411	1.021	
1/13/2017 5:45:00 PM	157500.000	71.181	16.803
160.343	37825.930	44847.523	30496.316
29.145	26.437	1.021	
1/13/2017 6:00:00 PM	158400.000	71.169	16.813
160.314	37897.449	44922.063	30547.002
29.199	26.387	1.021	
1/13/2017 6:15:00 PM	159300.000	71.157	16.810
160.289	37841.738	44859.141	30504.219
29.153	26.426	1.021	
1/13/2017 6:30:00 PM	160200.000	71.169	16.813
160.315	37858.410	44875.703	30515.480

29.166	26.414	1.021	
1/13/2017 6:45:00 PM	161100.000	71.142	16.816
160.255	37859.645	44873.684	30514.107
29.164	26.413	1.021	
1/13/2017 7:00:00 PM	162000.000	71.152	16.817
160.276	37877.242	44894.000	30527.922
29.179	26.401	1.021	
1/13/2017 7:15:00 PM	162900.000	71.129	16.815
160.225	37874.121	44891.906	30526.496
29.177	26.403	1.021	
1/13/2017 7:30:00 PM	163800.000	71.127	16.810
160.221	37836.691	44852.801	30499.906
29.149	26.429	1.021	
1/13/2017 7:45:00 PM	164700.000	71.136	16.816
160.240	37872.910	44889.410	30524.799
29.176	26.404	1.021	
1/13/2017 8:00:00 PM	165600.000	71.131	16.817
160.229	37876.355	44892.418	30526.846
29.178	26.402	1.021	
1/13/2017 8:15:00 PM	166500.000	71.128	16.810
160.222	37837.441	44853.953	30500.689
29.150	26.429	1.021	
1/13/2017 8:30:00 PM	167400.000	71.109	16.817
160.181	37874.527	44890.430	30525.494
29.177	26.403	1.021	
1/13/2017 8:45:00 PM	168300.000	71.105	16.818
160.171	37880.305	44896.391	30529.549
29.181	26.399	1.021	
1/13/2017 9:00:00 PM	169200.000	71.103	16.815
160.165	37898.941	44921.777	30546.811
29.199	26.386	1.021	
1/13/2017 9:15:00 PM	170100.000	71.116	16.816
160.195	37863.113	44878.156	30517.146
29.168	26.411	1.021	
1/13/2017 9:30:00 PM	171000.000	71.115	16.813
160.194	37870.508	44889.766	30525.041
29.176	26.406	1.021	
1/13/2017 9:45:00 PM	171900.000	71.095	16.811
160.148	37889.961	44914.699	30541.998
29.194	26.392	1.021	
1/13/2017 10:00:00 PM	172800.000	71.111	16.820
160.184	37878.809	44892.738	30527.063
29.178	26.400	1.021	
1/13/2017 10:15:00 PM	173700.000	71.100	16.818
160.159	37873.195	44888.137	30523.936
29.175	26.404	1.021	
1/13/2017 10:30:00 PM	174600.000	71.114	16.821
160.192	37858.602	44867.809	30510.111
29.160	26.414	1.021	
1/13/2017 10:45:00 PM	175500.000	71.104	16.825
160.168	37869.086	44876.574	30516.072
29.167	26.407	1.021	
1/13/2017 11:00:00 PM	176400.000	71.120	16.822
160.204	37866.242	44875.707	30515.482
29.166	26.409	1.021	
1/13/2017 11:15:00 PM	177300.000	71.122	16.820
160.208	37868.141	44879.918	30518.346

29.169	26.407	1.021	
1/13/2017 11:30:00 PM	178200.000	71.132	16.816
160.233	37847.047	44859.012	30504.129
29.154	26.422	1.021	
1/13/2017 11:45:00 PM	179100.000	71.130	16.818
160.227	37853.039	44864.074	30507.572
29.158	26.418	1.021	
1/14/2017 12:00:00 AM	180000.000	71.134	16.812
160.237	37852.313	44869.188	30511.049
29.161	26.418	1.021	
1/14/2017 12:15:00 AM	180900.000	71.139	16.811
160.247	37850.195	44867.746	30510.068
29.160	26.420	1.021	
1/14/2017 12:30:00 AM	181800.000	71.145	16.817
160.262	37852.945	44864.762	30508.041
29.158	26.418	1.021	
1/14/2017 12:45:00 AM	182700.000	71.133	16.817
160.234	37868.078	44882.785	30520.297
29.171	26.407	1.021	
1/14/2017 1:00:00 AM	183600.000	71.136	16.809
160.242	37871.648	44895.137	30528.693
29.179	26.405	1.021	
1/14/2017 1:15:00 AM	184500.000	71.157	16.820
160.288	37876.895	44890.734	30525.701
29.177	26.401	1.021	
1/14/2017 1:30:00 AM	185400.000	71.142	16.811
160.255	37880.410	44904.277	30534.910
29.186	26.399	1.021	
1/14/2017 1:45:00 AM	186300.000	71.142	16.816
160.254	37886.688	44905.738	30535.904
29.188	26.394	1.021	
1/14/2017 2:00:00 AM	187200.000	71.164	16.818
160.304	37859.734	44871.742	30512.787
29.163	26.413	1.021	
1/14/2017 2:15:00 AM	188100.000	71.150	16.814
160.273	37897.785	44921.738	30546.785
29.199	26.387	1.021	
1/14/2017 2:30:00 AM	189000.000	71.165	16.818
160.306	37861.125	44873.914	30514.264
29.165	26.412	1.021	
1/14/2017 2:45:00 AM	189900.000	71.150	16.819
160.271	37878.672	44894.098	30527.988
29.179	26.400	1.021	
1/14/2017 3:00:00 AM	190800.000	71.168	16.818
160.312	37914.809	44937.363	30557.410
29.210	26.375	1.021	
1/14/2017 3:15:00 AM	191700.000	71.170	16.822
160.318	37875.719	44886.582	30522.879
29.174	26.402	1.021	
1/14/2017 3:30:00 AM	192600.000	71.170	16.817
160.317	37885.738	44903.629	30534.469
29.186	26.395	1.021	
1/14/2017 3:45:00 AM	193500.000	71.175	16.814
160.328	37872.688	44891.813	30526.436
29.177	26.404	1.021	
1/14/2017 4:00:00 AM	194400.000	71.173	16.815
160.325	37873.789	44891.684	30526.346

29.177	26.403	1.021	
1/14/2017 4:15:00 AM	195300.000	71.158	16.823
160.291	37864.910	44873.152	30513.746
29.164	26.410	1.021	
1/14/2017 4:30:00 AM	196200.000	71.173	16.816
160.325	37872.973	44890.109	30525.275
29.176	26.404	1.021	
1/14/2017 4:45:00 AM	197100.000	71.172	16.812
160.323	37850.988	44867.969	30510.219
29.160	26.419	1.021	
1/14/2017 5:00:00 AM	198000.000	71.157	16.812
160.288	37870.035	44890.902	30525.816
29.177	26.406	1.021	
1/14/2017 5:15:00 AM	198900.000	71.155	16.818
160.284	37877.965	44893.695	30527.713
29.179	26.401	1.021	
1/14/2017 5:30:00 AM	199800.000	71.155	16.811
160.284	37888.750	44914.164	30541.633
29.193	26.393	1.021	
1/14/2017 5:45:00 AM	200700.000	71.171	16.818
160.319	37891.438	44909.945	30538.766
29.191	26.391	1.021	
1/14/2017 6:00:00 AM	201600.000	71.155	16.823
160.284	37882.449	44893.566	30527.627
29.179	26.397	1.021	
1/14/2017 6:15:00 AM	202500.000	71.172	16.827
160.321	37859.453	44862.672	30506.619
29.157	26.413	1.021	
1/14/2017 6:30:00 AM	203400.000	71.158	16.817
160.290	37868.359	44882.941	30520.400
29.171	26.407	1.021	
1/14/2017 6:45:00 AM	204300.000	71.152	16.815
160.276	37865.871	44882.402	30520.035
29.171	26.409	1.021	
1/14/2017 7:00:00 AM	205200.000	71.154	16.809
160.281	37851.371	44871.098	30512.348
29.162	26.419	1.021	
1/14/2017 7:15:00 AM	206100.000	71.154	16.814
160.281	37884.129	44905.375	30535.658
29.187	26.396	1.021	
1/14/2017 7:30:00 AM	207000.000	71.169	16.808
160.316	37873.102	44897.746	30530.469
29.181	26.404	1.021	
1/14/2017 7:45:00 AM	207900.000	71.173	16.811
160.325	37887.738	44912.594	30540.566
29.192	26.394	1.021	
1/14/2017 8:00:00 AM	208800.000	71.158	16.809
160.290	37866.242	44889.168	30524.635
29.175	26.409	1.021	
1/14/2017 8:15:00 AM	209700.000	71.176	16.804
160.332	37874.563	44904.125	30534.805
29.186	26.403	1.021	
1/14/2017 8:30:00 AM	210600.000	71.157	16.817
160.289	37881.289	44898.977	30531.305
29.183	26.398	1.021	
1/14/2017 8:45:00 AM	211500.000	71.176	16.813
160.332	37866.746	44885.133	30521.893

29.172	26.408	1.021	
1/14/2017 9:00:00 AM	212400.000	71.168	16.816
160.313	37863.938	44879.133	30517.813
29.168	26.410	1.021	
1/14/2017 9:15:00 AM	213300.000	71.173	16.820
160.325	37896.910	44914.277	30541.709
29.194	26.387	1.021	
1/14/2017 9:30:00 AM	214200.000	71.193	16.818
160.369	37848.617	44859.090	30504.184
29.154	26.421	1.021	
1/14/2017 9:45:00 AM	215100.000	71.187	16.814
160.355	37877.809	44897.629	30530.391
29.182	26.401	1.021	
1/14/2017 10:00:00 AM	216000.000	71.208	16.816
160.402	37893.363	44914.359	30541.768
29.194	26.390	1.021	
1/14/2017 10:15:00 AM	216900.000	71.207	16.819
160.400	37869.051	44881.973	30519.742
29.171	26.407	1.021	
1/14/2017 10:30:00 AM	217800.000	71.218	16.817
160.426	37870.816	44885.945	30522.445
29.173	26.406	1.021	
1/14/2017 10:45:00 AM	218700.000	71.229	16.819
160.450	37868.676	44881.621	30519.502
29.170	26.407	1.021	
1/14/2017 11:00:00 AM	219600.000	71.217	16.805
160.424	37871.875	44899.410	30531.602
29.182	26.405	1.021	
1/14/2017 11:15:00 AM	220500.000	71.232	16.813
160.456	37862.516	44880.207	30518.543
29.169	26.411	1.021	
1/14/2017 11:30:00 AM	221400.000	71.242	16.809
160.478	37871.520	44895.523	30528.959
29.180	26.405	1.021	
1/14/2017 11:45:00 AM	222300.000	71.230	16.803
160.452	37873.730	44904.109	30534.795
29.186	26.404	1.021	
1/14/2017 12:00:00 PM	223200.000	71.231	16.811
160.454	37869.938	44891.059	30525.920
29.177	26.406	1.021	
1/14/2017 12:15:00 PM	224100.000	71.254	16.810
160.506	37876.043	44899.277	30531.512
29.183	26.402	1.021	
1/14/2017 12:30:00 PM	225000.000	71.235	16.816
160.465	37890.324	44910.406	30539.078
29.191	26.392	1.021	
1/14/2017 12:45:00 PM	225900.000	71.254	16.810
160.506	37867.984	44890.254	30525.375
29.176	26.408	1.021	
1/14/2017 1:00:00 PM	226800.000	71.241	16.810
160.477	37868.551	44891.105	30525.953
29.177	26.407	1.021	
1/14/2017 1:15:00 PM	227700.000	71.258	16.811
160.517	37878.090	44900.625	30532.428
29.184	26.400	1.021	
1/14/2017 1:30:00 PM	228600.000	71.259	16.805
160.519	37887.992	44918.441	30544.543

29.196	26.394	1.021	
1/14/2017 1:45:00 PM	229500.000	71.261	16.812
160.521	37864.004	44883.047	30520.473
29.171	26.410	1.021	
1/14/2017 2:00:00 PM	230400.000	71.242	16.805
160.481	37856.168	44881.238	30519.244
29.169	26.416	1.021	
1/14/2017 2:15:00 PM	231300.000	71.240	16.804
160.476	37852.254	44878.027	30517.059
29.167	26.419	1.021	
1/14/2017 2:30:00 PM	232200.000	71.254	16.808
160.507	37855.344	44877.145	30516.461
29.166	26.416	1.021	
1/14/2017 2:45:00 PM	233100.000	71.255	16.805
160.510	37838.898	44861.113	30505.559
29.155	26.428	1.021	
1/14/2017 3:00:00 PM	234000.000	71.249	16.810
160.496	37901.918	44929.953	30552.369
29.205	26.384	1.021	
1/14/2017 3:15:00 PM	234900.000	71.247	16.815
160.490	37893.863	44915.309	30542.412
29.194	26.389	1.021	
1/14/2017 3:30:00 PM	235800.000	71.226	16.817
160.443	37871.895	44887.223	30523.314
29.174	26.405	1.021	
1/14/2017 3:45:00 PM	236700.000	71.227	16.809
160.446	37858.785	44880.426	30518.689
29.169	26.414	1.021	
1/14/2017 4:00:00 PM	237600.000	71.219	16.814
160.428	37853.953	44868.902	30510.855
29.161	26.417	1.021	
1/14/2017 4:15:00 PM	238500.000	71.216	16.813
160.422	37840.633	44854.633	30501.152
29.150	26.427	1.021	
1/14/2017 4:30:00 PM	239400.000	71.224	16.818
160.439	37862.641	44875.535	30515.365
29.166	26.411	1.021	
1/14/2017 4:45:00 PM	240300.000	71.216	16.813
160.422	37860.238	44877.684	30516.824
29.167	26.413	1.021	
1/14/2017 5:00:00 PM	241200.000	71.196	16.812
160.375	37880.719	44903.473	30534.363
29.186	26.399	1.021	
1/14/2017 5:15:00 PM	242100.000	71.209	16.811
160.405	37870.223	44891.395	30526.150
29.177	26.406	1.021	
1/14/2017 5:30:00 PM	243000.000	71.186	16.818
160.352	37865.547	44879.527	30518.080
29.169	26.409	1.021	
1/14/2017 5:45:00 PM	243900.000	71.178	16.817
160.335	37880.527	44897.363	30530.209
29.182	26.399	1.021	
1/14/2017 6:00:00 PM	244800.000	71.171	16.819
160.320	37871.363	44885.344	30522.035
29.173	26.405	1.021	
1/14/2017 6:15:00 PM	245700.000	71.180	16.818
160.340	37880.172	44896.770	30529.805

29.181	26.399	1.021	
1/14/2017 6:30:00 PM	246600.000	71.174	16.818
160.326	37875.504	44891.141	30525.979
29.177	26.402	1.021	
1/14/2017 6:45:00 PM	247500.000	71.168	16.810
160.312	37857.781	44878.160	30517.148
29.167	26.415	1.021	
1/14/2017 7:00:00 PM	248400.000	71.142	16.817
160.255	37872.313	44887.625	30523.588
29.174	26.405	1.021	
1/14/2017 7:15:00 PM	249300.000	71.154	16.820
160.281	37863.965	44874.969	30514.980
29.166	26.410	1.021	
1/14/2017 7:30:00 PM	250200.000	71.129	16.821
160.224	37877.898	44890.508	30525.547
29.177	26.401	1.021	
1/14/2017 7:45:00 PM	251100.000	71.142	16.812
160.254	37862.172	44881.227	30519.236
29.170	26.412	1.021	
1/14/2017 8:00:00 PM	252000.000	71.133	16.818
160.235	37886.125	44903.195	30534.176
29.186	26.395	1.021	
1/14/2017 8:15:00 PM	252900.000	71.131	16.817
160.230	37886.383	44904.836	30535.289
29.187	26.395	1.021	
1/14/2017 8:30:00 PM	253800.000	71.111	16.816
160.185	37886.410	44905.855	30535.984
29.188	26.395	1.021	
1/14/2017 8:45:00 PM	254700.000	71.106	16.824
160.172	37883.816	44894.660	30528.369
29.180	26.396	1.021	
1/14/2017 9:00:00 PM	255600.000	71.106	16.811
160.173	37875.824	44898.129	30530.729
29.182	26.402	1.021	
1/14/2017 9:15:00 PM	256500.000	71.098	16.813
160.156	37861.160	44879.402	30517.996
29.168	26.412	1.021	
1/14/2017 9:30:00 PM	257400.000	71.096	16.818
160.150	37894.566	44913.023	30540.857
29.193	26.389	1.021	
1/14/2017 9:45:00 PM	258300.000	71.093	16.807
160.145	37852.469	44875.070	30515.051
29.165	26.418	1.021	
1/14/2017 10:00:00 PM	259200.000	71.097	16.812
160.154	37844.555	44860.793	30505.340
29.155	26.424	1.021	
1/14/2017 10:15:00 PM	260100.000	71.095	16.812
160.148	37879.395	44901.469	30533.000
29.184	26.400	1.021	
1/14/2017 10:30:00 PM	261000.000	71.111	16.809
160.184	37869.086	44892.637	30526.994
29.178	26.407	1.021	
1/14/2017 10:45:00 PM	261900.000	71.093	16.809
160.144	37842.809	44861.387	30505.744
29.155	26.425	1.021	
1/14/2017 11:00:00 PM	262800.000	71.096	16.812
160.150	37854.086	44871.641	30512.719

29.163	26.417	1.021	
1/14/2017 11:15:00 PM	263700.000	71.101	16.809
160.161	37850.859	44870.848	30512.176
29.162	26.419	1.021	
1/14/2017 11:30:00 PM	264600.000	71.115	16.815
160.194	37845.813	44858.625	30503.865
29.153	26.423	1.021	
1/14/2017 11:45:00 PM	265500.000	71.119	16.818
160.203	37876.578	44892.602	30526.971
29.178	26.402	1.021	
1/15/2017 12:00:00 AM	266400.000	71.125	16.823
160.215	37867.223	44875.891	30515.607
29.166	26.408	1.021	
1/15/2017 12:15:00 AM	267300.000	71.118	16.822
160.200	37888.152	44901.316	30532.896
29.185	26.393	1.021	
1/15/2017 12:30:00 AM	268200.000	71.136	16.818
160.242	37873.922	44889.082	30524.578
29.176	26.403	1.021	
1/15/2017 12:45:00 AM	269100.000	71.138	16.814
160.246	37885.047	44906.734	30536.580
29.188	26.396	1.021	
1/15/2017 1:00:00 AM	270000.000	71.124	16.816
160.213	37869.023	44884.883	30521.723
29.172	26.407	1.021	
1/15/2017 1:15:00 AM	270900.000	71.129	16.812
160.224	37873.926	44895.422	30528.889
29.180	26.403	1.021	
1/15/2017 1:30:00 AM	271800.000	71.149	16.813
160.271	37867.602	44886.598	30522.889
29.173	26.408	1.021	
1/15/2017 1:45:00 AM	272700.000	71.135	16.821
160.238	37903.227	44920.246	30545.770
29.198	26.383	1.021	
1/15/2017 2:00:00 AM	273600.000	71.154	16.821
160.281	37861.094	44870.684	30512.066
29.162	26.412	1.021	
1/15/2017 2:15:00 AM	274500.000	71.141	16.819
160.253	37872.367	44885.996	30522.480
29.173	26.404	1.021	
1/15/2017 2:30:00 AM	275400.000	71.159	16.819
160.294	37893.051	44910.777	30539.330
29.191	26.390	1.021	
1/15/2017 2:45:00 AM	276300.000	71.147	16.815
160.266	37897.805	44919.902	30545.533
29.198	26.387	1.021	
1/15/2017 3:00:00 AM	277200.000	71.160	16.820
160.294	37888.910	44905.063	30535.443
29.187	26.393	1.021	
1/15/2017 3:15:00 AM	278100.000	71.151	16.809
160.275	37862.172	44884.344	30521.355
29.172	26.412	1.021	
1/15/2017 3:30:00 AM	279000.000	71.170	16.811
160.318	37855.031	44873.652	30514.086
29.164	26.417	1.021	
1/15/2017 3:45:00 AM	279900.000	71.170	16.810
160.318	37859.734	44880.477	30518.727

29.169	26.413	1.021	
1/15/2017 4:00:00 AM	280800.000	71.153	16.818
160.278	37869.145	44883.699	30520.918
29.172	26.407	1.021	
1/15/2017 4:15:00 AM	281700.000	71.151	16.814
160.275	37864.414	44881.566	30519.467
29.170	26.410	1.021	
1/15/2017 4:30:00 AM	282600.000	71.173	16.809
160.324	37847.613	44866.902	30509.494
29.159	26.422	1.021	
1/15/2017 4:45:00 AM	283500.000	71.175	16.806
160.330	37862.516	44887.508	30523.508
29.174	26.411	1.021	
1/15/2017 5:00:00 AM	284400.000	71.169	16.816
160.315	37868.012	44884.309	30521.332
29.172	26.408	1.021	
1/15/2017 5:15:00 AM	285300.000	71.169	16.822
160.316	37848.430	44854.242	30500.887
29.151	26.421	1.021	
1/15/2017 5:30:00 AM	286200.000	71.169	16.813
160.316	37869.813	44889.559	30524.902
29.176	26.406	1.021	
1/15/2017 5:45:00 AM	287100.000	71.171	16.818
160.319	37873.473	44888.023	30523.857
29.175	26.404	1.021	
1/15/2017 6:00:00 AM	288000.000	71.172	16.808
160.322	37846.289	44866.227	30509.037
29.159	26.423	1.021	
1/15/2017 6:15:00 AM	288900.000	71.156	16.817
160.285	37862.137	44876.191	30515.813
29.166	26.412	1.021	
1/15/2017 6:30:00 AM	289800.000	71.153	16.815
160.278	37857.680	44872.418	30513.246
29.163	26.415	1.021	
1/15/2017 6:45:00 AM	290700.000	71.152	16.818
160.276	37872.750	44887.879	30523.760
29.175	26.404	1.021	
1/15/2017 7:00:00 AM	291600.000	71.151	16.802
160.274	37856.828	44885.504	30522.145
29.172	26.415	1.021	
1/15/2017 7:15:00 AM	292500.000	71.149	16.810
160.270	37857.055	44877.035	30516.387
29.166	26.415	1.021	
1/15/2017 7:30:00 AM	293400.000	71.152	16.811
160.276	37890.738	44915.809	30542.752
29.194	26.392	1.021	
1/15/2017 7:45:00 AM	294300.000	71.149	16.817
160.269	37912.750	44936.539	30556.848
29.210	26.376	1.021	
1/15/2017 8:00:00 AM	295200.000	71.148	16.806
160.267	37853.039	44876.461	30515.994
29.166	26.418	1.021	
1/15/2017 8:15:00 AM	296100.000	71.147	16.806
160.266	37880.813	44909.480	30538.449
29.190	26.399	1.021	
1/15/2017 8:30:00 AM	297000.000	71.163	16.809
160.301	37852.695	44872.758	30513.477

29.163	26.418	1.021	
1/15/2017 8:45:00 AM	297900.000	71.150	16.812
160.271	37859.297	44877.469	30516.682
29.167	26.414	1.021	
1/15/2017 9:00:00 AM	298800.000	71.168	16.806
160.312	37852.570	44875.820	30515.561
29.165	26.418	1.021	
1/15/2017 9:15:00 AM	299700.000	71.152	16.801
160.276	37857.270	44887.012	30523.168
29.173	26.415	1.021	
1/15/2017 9:30:00 AM	300600.000	71.156	16.806
160.287	37837.160	44857.637	30503.195
29.152	26.429	1.021	
1/15/2017 9:45:00 AM	301500.000	71.172	16.812
160.322	37862.992	44882.375	30520.018
29.170	26.411	1.021	
1/15/2017 10:00:00 AM	302400.000	71.180	16.814
160.340	37874.328	44893.504	30527.584
29.179	26.403	1.021	
1/15/2017 10:15:00 AM	303300.000	71.185	16.809
160.350	37858.410	44880.070	30518.447
29.169	26.414	1.021	
1/15/2017 10:30:00 AM	304200.000	71.172	16.818
160.322	37885.551	44903.238	30534.205
29.186	26.395	1.021	
1/15/2017 10:45:00 AM	305100.000	71.182	16.812
160.343	37918.492	44947.813	30564.516
29.218	26.372	1.021	
1/15/2017 11:00:00 AM	306000.000	71.204	16.816
160.393	37892.086	44912.395	30540.430
29.192	26.391	1.021	
1/15/2017 11:15:00 AM	306900.000	71.190	16.816
160.362	37894.531	44915.742	30542.707
29.195	26.389	1.021	
1/15/2017 11:30:00 AM	307800.000	71.211	16.814
160.409	37868.012	44885.828	30522.365
29.173	26.408	1.021	
1/15/2017 11:45:00 AM	308700.000	71.219	16.811
160.427	37860.906	44880.352	30518.641
29.169	26.412	1.021	
1/15/2017 12:00:00 PM	309600.000	71.206	16.810
160.399	37894.066	44921.266	30546.463
29.198	26.389	1.021	
1/15/2017 12:15:00 PM	310500.000	71.225	16.816
160.441	37881.859	44900.723	30532.494
29.184	26.398	1.021	
1/15/2017 12:30:00 PM	311400.000	71.214	16.816
160.417	37881.758	44900.523	30532.355
29.184	26.398	1.021	
1/15/2017 12:45:00 PM	312300.000	71.214	16.801
160.416	37856.328	44885.895	30522.410
29.172	26.416	1.021	
1/15/2017 1:00:00 PM	313200.000	71.216	16.807
160.422	37877.023	44903.918	30534.666
29.186	26.401	1.021	
1/15/2017 1:15:00 PM	314100.000	71.233	16.814
160.459	37886.539	44907.977	30537.426

29.189	26.395	1.021	
1/15/2017 1:30:00 PM	315000.000	71.220	16.812
160.430	37891.207	44915.547	30542.574
29.194	26.391	1.021	
1/15/2017 1:45:00 PM	315900.000	71.216	16.815
160.421	37862.699	44878.367	30517.291
29.168	26.411	1.021	
1/15/2017 2:00:00 PM	316800.000	71.233	16.819
160.459	37870.129	44883.082	30520.498
29.171	26.406	1.021	
1/15/2017 2:15:00 PM	317700.000	71.233	16.816
160.459	37847.609	44859.422	30504.408
29.154	26.422	1.021	
1/15/2017 2:30:00 PM	318600.000	71.219	16.812
160.428	37892.352	44917.355	30543.805
29.196	26.391	1.021	
1/15/2017 2:45:00 PM	319500.000	71.236	16.810
160.467	37885.176	44910.453	30539.109
29.191	26.396	1.021	
1/15/2017 3:00:00 PM	320400.000	71.218	16.813
160.425	37878.059	44899.258	30531.498
29.183	26.401	1.021	
1/15/2017 3:15:00 PM	321300.000	71.232	16.812
160.456	37869.746	44890.559	30525.582
29.176	26.406	1.021	
1/15/2017 3:30:00 PM	322200.000	71.212	16.812
160.412	37898.555	44924.707	30548.801
29.201	26.386	1.021	
1/15/2017 3:45:00 PM	323100.000	71.220	16.812
160.430	37909.082	44937.188	30557.289
29.210	26.379	1.021	
1/15/2017 4:00:00 PM	324000.000	71.224	16.818
160.438	37890.637	44909.266	30538.301
29.190	26.392	1.021	
1/15/2017 4:15:00 PM	324900.000	71.220	16.815
160.430	37848.840	44862.301	30506.367
29.156	26.421	1.021	
1/15/2017 4:30:00 PM	325800.000	71.207	16.805
160.401	37871.902	44900.242	30532.166
29.183	26.405	1.021	
1/15/2017 4:45:00 PM	326700.000	71.217	16.810
160.424	37896.203	44923.707	30548.123
29.200	26.388	1.021	
1/15/2017 5:00:00 PM	327600.000	71.196	16.810
160.376	37864.477	44885.469	30522.121
29.173	26.410	1.021	
1/15/2017 5:15:00 PM	328500.000	71.193	16.817
160.370	37894.629	44914.523	30541.877
29.194	26.389	1.021	
1/15/2017 5:30:00 PM	329400.000	71.189	16.809
160.360	37885.547	44911.781	30540.012
29.191	26.395	1.021	
1/15/2017 5:45:00 PM	330300.000	71.195	16.820
160.373	37878.406	44892.527	30526.920
29.178	26.400	1.021	
1/15/2017 6:00:00 PM	331200.000	71.187	16.818
160.356	37870.508	44884.508	30521.467

29.172	26.406	1.021	
1/15/2017 6:15:00 PM	332100.000	71.183	16.809
160.347	37871.961	44895.598	30529.008
29.180	26.405	1.021	
1/15/2017 6:30:00 PM	333000.000	71.165	16.819
160.305	37903.141	44922.379	30547.221
29.200	26.383	1.021	
1/15/2017 6:45:00 PM	333900.000	71.177	16.814
160.334	37894.734	44918.039	30544.270
29.196	26.389	1.021	
1/15/2017 7:00:00 PM	334800.000	71.153	16.819
160.279	37857.332	44868.008	30510.248
29.160	26.415	1.021	
1/15/2017 7:15:00 PM	335700.000	71.160	16.817
160.294	37891.938	44911.516	30539.832
29.192	26.391	1.021	
1/15/2017 7:30:00 PM	336600.000	71.158	16.822
160.291	37914.855	44933.758	30554.957
29.208	26.375	1.021	
1/15/2017 7:45:00 PM	337500.000	71.149	16.821
160.271	37870.379	44881.418	30519.367
29.170	26.406	1.021	
1/15/2017 8:00:00 PM	338400.000	71.145	16.816
160.262	37882.449	44901.160	30532.791
29.184	26.397	1.021	
1/15/2017 8:15:00 PM	339300.000	71.141	16.816
160.251	37866.020	44881.500	30519.420
29.170	26.409	1.021	
1/15/2017 8:30:00 PM	340200.000	71.120	16.818
160.204	37893.551	44912.262	30540.338
29.192	26.390	1.021	
1/15/2017 8:45:00 PM	341100.000	71.132	16.819
160.232	37861.508	44873.395	30513.910
29.164	26.412	1.021	
1/15/2017 9:00:00 PM	342000.000	71.113	16.818
160.189	37885.676	44903.113	30534.119
29.186	26.395	1.021	
1/15/2017 9:15:00 PM	342900.000	71.109	16.813
160.179	37843.730	44858.641	30503.875
29.153	26.424	1.021	
1/15/2017 9:30:00 PM	343800.000	71.123	16.816
160.212	37846.793	44859.250	30504.291
29.154	26.422	1.021	
1/15/2017 9:45:00 PM	344700.000	71.116	16.820
160.197	37885.449	44900.348	30532.238
29.184	26.395	1.021	
1/15/2017 10:00:00 PM	345600.000	71.116	16.822
160.195	37866.906	44876.223	30515.832
29.167	26.408	1.021	
1/15/2017 10:15:00 PM	346500.000	71.102	16.815
160.165	37860.906	44877.043	30516.391
29.167	26.412	1.021	
1/15/2017 10:30:00 PM	347400.000	71.110	16.824
160.182	37864.063	44871.344	30512.516
29.163	26.410	1.021	
1/15/2017 10:45:00 PM	348300.000	71.110	16.819
160.183	37888.051	44904.758	30535.238

29.187	26.394	1.021	
1/15/2017 11:00:00 PM	349200.000	71.093	16.816
160.145	37881.660	44900.137	30532.096
29.183	26.398	1.021	
1/15/2017 11:15:00 PM	350100.000	71.094	16.807
160.147	37874.293	44900.137	30532.096
29.183	26.403	1.021	
1/15/2017 11:30:00 PM	351000.000	71.114	16.817
160.191	37850.512	44862.320	30506.381
29.156	26.420	1.021	
1/15/2017 11:45:00 PM	351900.000	71.119	16.811
160.203	37840.949	44857.223	30502.914
29.152	26.426	1.021	
1/16/2017 12:00:00 AM	352800.000	71.122	16.817
160.209	37882.391	44899.746	30531.830
29.183	26.397	1.021	
1/16/2017 12:15:00 AM	353700.000	71.126	16.817
160.218	37898.387	44918.531	30544.604
29.197	26.386	1.021	
1/16/2017 12:30:00 AM	354600.000	71.129	16.816
160.225	37880.973	44899.496	30531.660
29.183	26.398	1.021	
1/16/2017 12:45:00 AM	355500.000	71.139	16.820
160.248	37894.770	44911.395	30539.750
29.192	26.389	1.021	
1/16/2017 1:00:00 AM	356400.000	71.132	16.824
160.231	37890.199	44901.961	30533.334
29.185	26.392	1.021	
1/16/2017 1:15:00 AM	357300.000	71.149	16.819
160.270	37866.176	44878.305	30517.250
29.168	26.409	1.021	
1/16/2017 1:30:00 AM	358200.000	71.155	16.818
160.284	37862.988	44875.680	30515.465
29.166	26.411	1.021	
1/16/2017 1:45:00 AM	359100.000	71.144	16.821
160.259	37846.859	44854.070	30500.770
29.150	26.422	1.021	
1/16/2017 2:00:00 AM	360000.000	71.161	16.824
160.297	37881.566	44891.730	30526.379
29.178	26.398	1.021	
1/16/2017 2:15:00 AM	360900.000	71.164	16.817
160.304	37879.328	44896.199	30529.418
29.181	26.400	1.021	
1/16/2017 2:30:00 AM	361800.000	71.175	16.811
160.329	37879.547	44902.977	30534.025
29.185	26.399	1.021	
1/16/2017 2:45:00 AM	362700.000	71.160	16.809
160.294	37875.820	44900.172	30532.117
29.183	26.402	1.021	
1/16/2017 3:00:00 AM	363600.000	71.176	16.818
160.332	37918.617	44942.055	30560.598
29.214	26.372	1.021	
1/16/2017 3:15:00 AM	364500.000	71.181	16.816
160.342	37860.875	44876.027	30515.701
29.166	26.412	1.021	
1/16/2017 3:30:00 AM	365400.000	71.176	16.825
160.331	37873.887	44882.188	30519.891

29.171	26.403	1.021	
1/16/2017 3:45:00 AM	366300.000	71.169	16.809
160.316	37877.277	44901.629	30533.109
29.184	26.401	1.021	
1/16/2017 4:00:00 AM	367200.000	71.180	16.820
160.340	37895.316	44912.652	30540.605
29.193	26.388	1.021	
1/16/2017 4:15:00 AM	368100.000	71.183	16.817
160.346	37865.836	44880.848	30518.979
29.170	26.409	1.021	
1/16/2017 4:30:00 AM	369000.000	71.172	16.813
160.322	37892.652	44916.555	30543.258
29.195	26.390	1.021	
1/16/2017 4:45:00 AM	369900.000	71.192	16.814
160.366	37857.398	44873.512	30513.990
29.164	26.415	1.021	
1/16/2017 5:00:00 AM	370800.000	71.173	16.817
160.323	37885.480	44903.324	30534.264
29.186	26.395	1.021	
1/16/2017 5:15:00 AM	371700.000	71.169	16.816
160.315	37902.027	44924.547	30548.693
29.201	26.384	1.021	
1/16/2017 5:30:00 AM	372600.000	71.189	16.812
160.361	37860.617	44879.738	30518.225
29.168	26.413	1.021	
1/16/2017 5:45:00 AM	373500.000	71.167	16.813
160.311	37864.000	44882.051	30519.797
29.170	26.410	1.021	
1/16/2017 6:00:00 AM	374400.000	71.170	16.816
160.317	37886.020	44905.391	30535.668
29.187	26.395	1.021	
1/16/2017 6:15:00 AM	375300.000	71.187	16.817
160.355	37882.918	44900.195	30532.135
29.184	26.397	1.021	
1/16/2017 6:30:00 AM	376200.000	71.185	16.825
160.351	37889.434	44900.781	30532.533
29.184	26.393	1.021	
1/16/2017 6:45:00 AM	377100.000	71.182	16.817
160.345	37860.648	44873.801	30514.188
29.164	26.413	1.021	
1/16/2017 7:00:00 AM	378000.000	71.184	16.820
160.349	37888.199	44904.039	30534.748
29.186	26.393	1.021	
1/16/2017 7:15:00 AM	378900.000	71.183	16.818
160.346	37872.688	44887.094	30523.227
29.174	26.404	1.021	
1/16/2017 7:30:00 AM	379800.000	71.179	16.812
160.337	37893.477	44917.883	30544.160
29.196	26.390	1.021	
1/16/2017 7:45:00 AM	380700.000	71.182	16.809
160.345	37862.172	44884.160	30521.230
29.172	26.412	1.021	
1/16/2017 8:00:00 AM	381600.000	71.180	16.814
160.340	37893.133	44916.223	30543.033
29.195	26.390	1.021	
1/16/2017 8:15:00 AM	382500.000	71.182	16.822
160.344	37880.438	44893.066	30527.287

29.179	26.399	1.021	
1/16/2017 8:30:00 AM	383400.000	71.175	16.818
160.329	37894.660	44913.406	30541.119
29.193	26.389	1.021	
1/16/2017 8:45:00 AM	384300.000	71.162	16.816
160.298	37870.949	44887.711	30523.645
29.174	26.405	1.021	
1/16/2017 9:00:00 AM	385200.000	71.177	16.817
160.334	37882.164	44900.012	30532.010
29.183	26.398	1.021	
1/16/2017 9:15:00 AM	386100.000	71.178	16.816
160.335	37886.262	44905.313	30535.613
29.187	26.395	1.021	
1/16/2017 9:30:00 AM	387000.000	71.180	16.815
160.340	37878.152	44897.043	30529.990
29.181	26.400	1.021	
1/16/2017 9:45:00 AM	387900.000	71.182	16.821
160.344	37863.176	44873.586	30514.039
29.165	26.411	1.021	
1/16/2017 10:00:00 AM	388800.000	71.168	16.817
160.313	37856.227	44869.363	30511.170
29.161	26.416	1.021	
1/16/2017 10:15:00 AM	389700.000	71.184	16.816
160.348	37894.816	44916.000	30542.883
29.195	26.389	1.021	
1/16/2017 10:30:00 AM	390600.000	71.189	16.813
160.360	37882.707	44904.766	30535.242
29.187	26.397	1.021	
1/16/2017 10:45:00 AM	391500.000	71.191	16.814
160.364	37882.863	44903.875	30534.635
29.186	26.397	1.021	
1/16/2017 11:00:00 AM	392400.000	71.192	16.820
160.366	37874.293	44887.125	30523.246
29.174	26.403	1.021	
1/16/2017 11:15:00 AM	393300.000	71.182	16.818
160.345	37858.723	44871.438	30512.578
29.163	26.414	1.021	
1/16/2017 11:30:00 AM	394200.000	71.198	16.816
160.380	37887.914	44907.551	30537.137
29.189	26.394	1.021	
1/16/2017 11:45:00 AM	395100.000	71.205	16.822
160.396	37896.777	44911.801	30540.027
29.192	26.387	1.021	
1/16/2017 12:00:00 PM	396000.000	71.200	16.821
160.385	37891.934	44907.234	30536.920
29.189	26.391	1.021	
1/16/2017 12:15:00 PM	396900.000	71.203	16.832
160.392	37897.648	44902.668	30533.814
29.186	26.387	1.021	
1/16/2017 12:30:00 PM	397800.000	71.225	16.810
160.440	37877.434	44900.926	30532.631
29.184	26.401	1.021	
1/16/2017 12:45:00 PM	398700.000	71.227	16.826
160.445	37898.758	44910.227	30538.955
29.191	26.386	1.021	
1/16/2017 1:00:00 PM	399600.000	71.231	16.824
160.455	37880.020	44889.801	30525.066

29.176	26.399	1.021	
1/16/2017 1:15:00 PM	400500.000	71.218	16.810
160.426	37873.922	44896.844	30529.855
29.181	26.403	1.021	
1/16/2017 1:30:00 PM	401400.000	71.222	16.808
160.435	37851.746	44873.324	30513.863
29.164	26.419	1.021	
1/16/2017 1:45:00 PM	402300.000	71.221	16.807
160.432	37872.941	44899.344	30531.557
29.182	26.404	1.021	
1/16/2017 2:00:00 PM	403200.000	71.224	16.809
160.439	37871.523	44895.078	30528.656
29.179	26.405	1.021	
1/16/2017 2:15:00 PM	404100.000	71.246	16.815
160.488	37878.254	44897.078	30530.016
29.181	26.400	1.021	
1/16/2017 2:30:00 PM	405000.000	71.242	16.817
160.480	37888.863	44907.418	30537.047
29.189	26.393	1.021	
1/16/2017 2:45:00 PM	405900.000	71.226	16.819
160.444	37858.852	44870.605	30512.012
29.162	26.414	1.021	
1/16/2017 3:00:00 PM	406800.000	71.241	16.824
160.476	37874.957	44884.160	30521.230
29.172	26.403	1.021	
1/16/2017 3:15:00 PM	407700.000	71.223	16.815
160.437	37872.996	44890.746	30525.709
29.177	26.404	1.021	
1/16/2017 3:30:00 PM	408600.000	71.225	16.819
160.440	37891.676	44908.527	30537.801
29.190	26.391	1.021	
1/16/2017 3:45:00 PM	409500.000	71.239	16.817
160.474	37855.094	44868.113	30510.318
29.160	26.417	1.021	
1/16/2017 4:00:00 PM	410400.000	71.238	16.811
160.470	37857.813	44876.590	30516.082
29.166	26.415	1.021	
1/16/2017 4:15:00 PM	411300.000	71.216	16.819
160.422	37910.613	44931.496	30553.420
29.206	26.378	1.021	
1/16/2017 4:30:00 PM	412200.000	71.234	16.824
160.462	37887.535	44898.707	30531.123
29.183	26.394	1.021	
1/16/2017 4:45:00 PM	413100.000	71.212	16.814
160.412	37876.004	44895.922	30529.229
29.180	26.402	1.021	
1/16/2017 5:00:00 PM	414000.000	71.213	16.813
160.414	37879.414	44900.602	30532.412
29.184	26.400	1.021	
1/16/2017 5:15:00 PM	414900.000	71.225	16.816
160.442	37875.270	44892.285	30526.756
29.178	26.402	1.021	
1/16/2017 5:30:00 PM	415800.000	71.222	16.815
160.435	37856.359	44870.855	30512.182
29.162	26.416	1.021	
1/16/2017 5:45:00 PM	416700.000	71.218	16.826
160.425	37880.422	44888.148	30523.943

29.175	26.399	1.021	
1/16/2017 6:00:00 PM	417600.000	71.194	16.813
160.372	37861.598	44879.117	30517.801
29.168	26.412	1.021	
1/16/2017 6:15:00 PM	418500.000	71.211	16.813
160.410	37864.320	44883.148	30520.543
29.171	26.410	1.021	
1/16/2017 6:30:00 PM	419400.000	71.205	16.806
160.396	37903.500	44936.098	30556.549
29.209	26.383	1.021	
1/16/2017 6:45:00 PM	420300.000	71.188	16.810
160.357	37885.656	44910.848	30539.379
29.191	26.395	1.021	
1/16/2017 7:00:00 PM	421200.000	71.180	16.807
160.341	37879.891	44907.758	30537.277
29.188	26.399	1.021	
1/16/2017 7:15:00 PM	422100.000	71.191	16.820
160.364	37877.586	44891.027	30525.900
29.177	26.401	1.021	
1/16/2017 7:30:00 PM	423000.000	71.186	16.817
160.353	37884.605	44903.094	30534.105
29.186	26.396	1.021	
1/16/2017 7:45:00 PM	423900.000	71.182	16.817
160.345	37893.699	44913.781	30541.373
29.193	26.390	1.021	
1/16/2017 8:00:00 PM	424800.000	71.172	16.816
160.323	37881.852	44900.086	30532.061
29.183	26.398	1.021	
1/16/2017 8:15:00 PM	425700.000	71.173	16.814
160.324	37889.148	44911.500	30539.822
29.192	26.393	1.021	
1/16/2017 8:30:00 PM	426600.000	71.147	16.804
160.266	37844.832	44868.512	30510.590
29.160	26.424	1.021	
1/16/2017 8:45:00 PM	427500.000	71.165	16.815
160.306	37848.910	44862.566	30506.547
29.156	26.421	1.021	
1/16/2017 9:00:00 PM	428400.000	71.143	16.813
160.258	37849.953	44865.230	30508.357
29.158	26.420	1.021	
1/16/2017 9:15:00 PM	429300.000	71.152	16.815
160.277	37871.992	44890.012	30525.211
29.176	26.405	1.021	
1/16/2017 9:30:00 PM	430200.000	71.150	16.810
160.272	37900.422	44928.887	30551.643
29.204	26.385	1.021	
1/16/2017 9:45:00 PM	431100.000	71.148	16.815
160.268	37877.680	44896.848	30529.859
29.181	26.401	1.021	
1/16/2017 10:00:00 PM	432000.000	71.146	16.812
160.263	37901.680	44927.961	30551.016
29.203	26.384	1.021	
1/16/2017 10:15:00 PM	432900.000	71.126	16.814
160.217	37887.234	44909.055	30538.160
29.190	26.394	1.021	
1/16/2017 10:30:00 PM	433800.000	71.125	16.816
160.216	37856.926	44871.172	30512.398

29.163	26.415	1.021	
1/16/2017 10:45:00 PM	434700.000	71.137	16.809
160.243	37875.934	44900.035	30532.023
29.183	26.402	1.021	
1/16/2017 11:00:00 PM	435600.000	71.117	16.817
160.199	37864.566	44879.250	30517.893
29.168	26.410	1.021	
1/16/2017 11:15:00 PM	436500.000	71.133	16.816
160.235	37852.977	44866.410	30509.160
29.159	26.418	1.021	
1/16/2017 11:30:00 PM	437400.000	71.135	16.817
160.239	37882.383	44900.367	30532.252
29.184	26.397	1.021	
1/16/2017 11:45:00 PM	438300.000	71.139	16.813
160.248	37872.531	44892.164	30526.674
29.178	26.404	1.021	
1/17/2017 12:00:00 AM	439200.000	71.125	16.819
160.216	37870.219	44883.188	30520.570
29.171	26.406	1.021	
1/17/2017 12:15:00 AM	440100.000	71.146	16.813
160.264	37847.262	44862.750	30506.672
29.156	26.422	1.021	
1/17/2017 12:30:00 AM	441000.000	71.133	16.819
160.234	37879.699	44894.953	30528.570
29.180	26.399	1.021	
1/17/2017 12:45:00 AM	441900.000	71.139	16.813
160.249	37847.328	44862.477	30506.484
29.156	26.422	1.021	
1/17/2017 1:00:00 AM	442800.000	71.142	16.812
160.254	37904.898	44931.598	30553.488
29.206	26.382	1.021	
1/17/2017 1:15:00 AM	443700.000	71.147	16.822
160.266	37887.141	44900.570	30532.391
29.184	26.394	1.021	
1/17/2017 1:30:00 AM	444600.000	71.167	16.816
160.311	37872.750	44890.105	30525.271
29.176	26.404	1.021	
1/17/2017 1:45:00 AM	445500.000	71.176	16.811
160.332	37859.008	44878.281	30517.234
29.167	26.414	1.021	
1/17/2017 2:00:00 AM	446400.000	71.163	16.812
160.301	37890.840	44915.207	30542.344
29.194	26.392	1.021	
1/17/2017 2:15:00 AM	447300.000	71.168	16.821
160.312	37908.227	44926.172	30549.799
29.203	26.379	1.021	
1/17/2017 2:30:00 AM	448200.000	71.190	16.823
160.363	37894.652	44908.930	30538.074
29.190	26.389	1.021	
1/17/2017 2:45:00 AM	449100.000	71.193	16.818
160.369	37873.324	44887.848	30523.736
29.175	26.404	1.021	
1/17/2017 3:00:00 AM	450000.000	71.183	16.817
160.347	37883.031	44901.227	30532.836
29.184	26.397	1.021	
1/17/2017 3:15:00 AM	450900.000	71.202	16.822
160.390	37878.152	44890.090	30525.264

29.177	26.400	1.021	
1/17/2017 3:30:00 AM	451800.000	71.204	16.828
160.394	37867.121	44871.047	30512.314
29.163	26.408	1.021	
1/17/2017 3:45:00 AM	452700.000	71.201	16.818
160.387	37890.617	44908.871	30538.035
29.190	26.392	1.021	
1/17/2017 4:00:00 AM	453600.000	71.192	16.819
160.367	37862.801	44874.746	30514.830
29.165	26.411	1.021	
1/17/2017 4:15:00 AM	454500.000	71.208	16.823
160.403	37885.609	44897.586	30530.361
29.182	26.395	1.021	
1/17/2017 4:30:00 AM	455400.000	71.211	16.812
160.409	37882.387	44905.016	30535.412
29.187	26.397	1.021	
1/17/2017 4:45:00 AM	456300.000	71.213	16.812
160.415	37917.297	44946.746	30563.789
29.217	26.373	1.021	
1/17/2017 5:00:00 AM	457200.000	71.212	16.809
160.411	37870.789	44894.746	30528.430
29.179	26.406	1.021	
1/17/2017 5:15:00 AM	458100.000	71.215	16.813
160.420	37871.074	44890.527	30525.561
29.176	26.405	1.021	
1/17/2017 5:30:00 AM	459000.000	71.200	16.812
160.386	37874.078	44895.340	30528.834
29.180	26.403	1.021	
1/17/2017 5:45:00 AM	459900.000	71.215	16.822
160.419	37866.207	44875.664	30515.453
29.166	26.409	1.021	
1/17/2017 6:00:00 AM	460800.000	71.202	16.817
160.388	37868.898	44883.758	30520.955
29.172	26.407	1.021	
1/17/2017 6:15:00 AM	461700.000	71.202	16.813
160.390	37868.453	44887.770	30523.686
29.174	26.407	1.021	
1/17/2017 6:30:00 AM	462600.000	71.201	16.815
160.388	37867.469	44884.820	30521.680
29.172	26.408	1.021	
1/17/2017 6:45:00 AM	463500.000	71.214	16.816
160.416	37886.184	44905.320	30535.617
29.187	26.395	1.021	
1/17/2017 7:00:00 AM	464400.000	71.215	16.819
160.418	37890.414	44907.219	30536.908
29.189	26.392	1.021	
1/17/2017 7:15:00 AM	465300.000	71.198	16.811
160.380	37880.969	44904.313	30534.936
29.186	26.398	1.021	
1/17/2017 7:30:00 AM	466200.000	71.194	16.812
160.371	37865.770	44885.668	30522.256
29.173	26.409	1.021	
1/17/2017 7:45:00 AM	467100.000	71.190	16.818
160.363	37878.785	44894.949	30528.568
29.180	26.400	1.021	
1/17/2017 8:00:00 AM	468000.000	71.195	16.815
160.373	37887.512	44908.051	30537.477

29.189	26.394	1.021	
1/17/2017 8:15:00 AM	468900.000	71.192	16.806
160.367	37879.797	44908.547	30537.813
29.189	26.399	1.021	
1/17/2017 8:30:00 AM	469800.000	71.192	16.809
160.366	37870.230	44893.895	30527.850
29.179	26.406	1.021	
1/17/2017 8:45:00 AM	470700.000	71.189	16.812
160.360	37911.203	44939.176	30558.641
29.211	26.377	1.021	
1/17/2017 9:00:00 AM	471600.000	71.189	16.808
160.360	37869.398	44894.164	30528.033
29.179	26.407	1.021	
1/17/2017 9:15:00 AM	472500.000	71.201	16.812
160.388	37879.793	44901.840	30533.252
29.184	26.399	1.021	
1/17/2017 9:30:00 AM	473400.000	71.180	16.815
160.341	37905.973	44930.383	30552.662
29.205	26.381	1.021	
1/17/2017 9:45:00 AM	474300.000	71.195	16.813
160.374	37880.742	44901.988	30533.354
29.185	26.399	1.021	
1/17/2017 10:00:00 AM	475200.000	71.196	16.814
160.376	37887.703	44909.883	30538.723
29.190	26.394	1.021	
1/17/2017 10:15:00 AM	476100.000	71.195	16.811
160.374	37838.328	44853.766	30500.563
29.150	26.428	1.021	
1/17/2017 10:30:00 AM	477000.000	71.175	16.809
160.329	37849.438	44868.625	30510.668
29.160	26.420	1.021	
1/17/2017 10:45:00 AM	477900.000	71.181	16.812
160.343	37878.148	44900.066	30532.047
29.183	26.400	1.021	
1/17/2017 11:00:00 AM	478800.000	71.179	16.816
160.337	37851.906	44865.313	30508.414
29.158	26.419	1.021	
1/17/2017 11:15:00 AM	479700.000	71.199	16.808
160.383	37867.445	44891.039	30525.908
29.176	26.408	1.021	
1/17/2017 11:30:00 AM	480600.000	71.196	16.819
160.377	37898.695	44917.031	30543.582
29.196	26.386	1.021	
1/17/2017 11:45:00 AM	481500.000	71.182	16.820
160.343	37874.016	44887.145	30523.260
29.174	26.403	1.021	
1/17/2017 12:00:00 PM	482400.000	71.187	16.817
160.355	37878.180	44895.387	30528.863
29.180	26.400	1.021	
1/17/2017 12:15:00 PM	483300.000	71.190	16.812
160.363	37885.070	44908.094	30537.506
29.189	26.396	1.021	
1/17/2017 12:30:00 PM	484200.000	71.196	16.812
160.377	37886.844	44910.020	30538.816
29.190	26.394	1.021	
1/17/2017 12:45:00 PM	485100.000	71.214	16.811
160.416	37862.137	44882.516	30520.113

29.170	26.412	1.021	
1/17/2017 1:00:00 PM	486000.000	71.197	16.803
160.378	37867.063	44896.391	30529.549
29.180	26.408	1.021	
1/17/2017 1:15:00 PM	486900.000	71.198	16.816
160.381	37887.188	44906.512	30536.428
29.188	26.394	1.021	
1/17/2017 1:30:00 PM	487800.000	71.205	16.815
160.397	37864.094	44880.820	30518.961
29.169	26.410	1.021	
1/17/2017 1:45:00 PM	488700.000	71.226	16.822
160.444	37855.539	44862.930	30506.795
29.157	26.416	1.021	
1/17/2017 2:00:00 PM	489600.000	71.207	16.816
160.401	37877.227	44895.230	30528.760
29.180	26.401	1.021	
1/17/2017 2:15:00 PM	490500.000	71.220	16.820
160.430	37875.211	44888.215	30523.988
29.175	26.402	1.021	
1/17/2017 2:30:00 PM	491400.000	71.210	16.819
160.407	37888.172	44904.375	30534.977
29.187	26.393	1.021	
1/17/2017 2:45:00 PM	492300.000	71.226	16.813
160.443	37892.152	44915.512	30542.551
29.194	26.391	1.021	
1/17/2017 3:00:00 PM	493200.000	71.229	16.813
160.450	37855.316	44871.586	30512.682
29.163	26.416	1.021	
1/17/2017 3:15:00 PM	494100.000	71.225	16.817
160.440	37872.375	44888.230	30523.998
29.175	26.404	1.021	
1/17/2017 3:30:00 PM	495000.000	71.214	16.802
160.416	37868.426	44899.164	30531.434
29.182	26.407	1.021	
1/17/2017 3:45:00 PM	495900.000	71.212	16.806
160.411	37887.039	44916.770	30543.406
29.195	26.394	1.021	
1/17/2017 4:00:00 PM	496800.000	71.207	16.813
160.400	37871.016	44890.910	30525.820
29.177	26.405	1.021	
1/17/2017 4:15:00 PM	497700.000	71.209	16.814
160.405	37883.910	44905.293	30535.602
29.187	26.396	1.021	
1/17/2017 4:30:00 PM	498600.000	71.223	16.821
160.437	37862.328	44872.582	30513.357
29.164	26.411	1.021	
1/17/2017 4:45:00 PM	499500.000	71.216	16.814
160.421	37870.090	44888.656	30524.289
29.175	26.406	1.021	
1/17/2017 5:00:00 PM	500400.000	71.217	16.813
160.423	37855.879	44872.609	30513.377
29.163	26.416	1.021	
1/17/2017 5:15:00 PM	501300.000	71.199	16.808
160.383	37859.543	44882.125	30519.848
29.170	26.413	1.021	
1/17/2017 5:30:00 PM	502200.000	71.200	16.814
160.385	37874.988	44894.285	30528.115

29.179	26.403	1.021	
1/17/2017 5:45:00 PM	503100.000	71.215	16.825
160.418	37881.949	44891.648	30526.322
29.178	26.398	1.021	
1/17/2017 6:00:00 PM	504000.000	71.190	16.810
160.363	37854.617	44874.316	30514.535
29.164	26.417	1.021	
1/17/2017 6:15:00 PM	504900.000	71.191	16.819
160.364	37890.547	44907.188	30536.891
29.189	26.392	1.021	
1/17/2017 6:30:00 PM	505800.000	71.200	16.818
160.384	37899.180	44918.492	30544.574
29.197	26.386	1.021	
1/17/2017 6:45:00 PM	506700.000	71.198	16.816
160.381	37856.453	44870.703	30512.080
29.162	26.416	1.021	
1/17/2017 7:00:00 PM	507600.000	71.180	16.819
160.341	37913.383	44934.969	30555.781
29.209	26.376	1.021	
1/17/2017 7:15:00 PM	508500.000	71.175	16.812
160.328	37855.660	44873.957	30514.291
29.164	26.416	1.021	
1/17/2017 7:30:00 PM	509400.000	71.173	16.812
160.325	37853.328	44870.828	30512.166
29.162	26.418	1.021	
1/17/2017 7:45:00 PM	510300.000	71.182	16.812
160.345	37849.730	44866.305	30509.088
29.159	26.420	1.021	
1/17/2017 8:00:00 PM	511200.000	71.180	16.811
160.340	37876.852	44899.254	30531.494
29.183	26.401	1.021	
1/17/2017 8:15:00 PM	512100.000	71.172	16.811
160.323	37894.438	44920.191	30545.732
29.198	26.389	1.021	
1/17/2017 8:30:00 PM	513000.000	71.170	16.813
160.318	37866.207	44885.285	30521.996
29.173	26.409	1.021	
1/17/2017 8:45:00 PM	513900.000	71.149	16.812
160.269	37896.238	44921.258	30546.457
29.198	26.388	1.021	
1/17/2017 9:00:00 PM	514800.000	71.147	16.808
160.265	37852.664	44873.969	30514.299
29.164	26.418	1.021	
1/17/2017 9:15:00 PM	515700.000	71.145	16.806
160.260	37858.410	44882.469	30520.078
29.170	26.414	1.021	
1/17/2017 9:30:00 PM	516600.000	71.139	16.809
160.247	37885.512	44911.738	30539.984
29.191	26.395	1.021	
1/17/2017 9:45:00 PM	517500.000	71.151	16.817
160.275	37892.246	44911.344	30539.717
29.192	26.391	1.021	
1/17/2017 10:00:00 PM	518400.000	71.151	16.814
160.275	37884.508	44906.000	30536.082
29.188	26.396	1.021	
1/17/2017 10:15:00 PM	519300.000	71.132	16.811
160.232	37867.789	44888.688	30524.309

29.175	26.408	1.021	
1/17/2017 10:30:00 PM	520200.000	71.142	16.816
160.254	37864.977	44880.891	30519.006
29.170	26.410	1.021	
1/17/2017 10:45:00 PM	521100.000	71.144	16.827
160.259	37898.598	44908.609	30537.857
29.190	26.386	1.021	
1/17/2017 11:00:00 PM	522000.000	71.140	16.809
160.250	37857.492	44878.707	30517.523
29.168	26.415	1.021	
1/17/2017 11:15:00 PM	522900.000	71.137	16.816
160.243	37887.230	44907.180	30536.885
29.189	26.394	1.021	
1/17/2017 11:30:00 PM	523800.000	71.120	16.809
160.205	37852.344	44872.250	30513.133
29.163	26.418	1.021	
1/17/2017 11:45:00 PM	524700.000	71.136	16.812
160.241	37866.332	44886.605	30522.895
29.173	26.409	1.021	
1/18/2017 12:00:00 AM	525600.000	71.126	16.817
160.218	37889.531	44909.016	30538.131
29.190	26.393	1.021	
1/18/2017 12:15:00 AM	526500.000	71.143	16.819
160.257	37865.266	44877.750	30516.873
29.167	26.409	1.021	
1/18/2017 12:30:00 AM	527400.000	71.133	16.811
160.234	37887.977	44912.703	30540.641
29.192	26.394	1.021	
1/18/2017 12:45:00 AM	528300.000	71.134	16.807
160.236	37867.035	44891.992	30526.557
29.177	26.408	1.021	
1/18/2017 1:00:00 AM	529200.000	71.152	16.821
160.278	37873.727	44886.184	30522.607
29.174	26.404	1.021	
1/18/2017 1:15:00 AM	530100.000	71.155	16.818
160.284	37867.094	44881.172	30519.199
29.170	26.408	1.021	
1/18/2017 1:30:00 AM	531000.000	71.158	16.812
160.291	37888.305	44912.105	30540.234
29.192	26.393	1.021	
1/18/2017 1:45:00 AM	531900.000	71.163	16.812
160.302	37879.668	44902.227	30533.516
29.185	26.399	1.021	
1/18/2017 2:00:00 AM	532800.000	71.151	16.814
160.275	37884.188	44905.367	30535.652
29.187	26.396	1.021	
1/18/2017 2:15:00 AM	533700.000	71.177	16.813
160.333	37897.441	44921.781	30546.814
29.199	26.387	1.021	
1/18/2017 2:30:00 AM	534600.000	71.180	16.807
160.340	37889.508	44918.445	30544.545
29.196	26.393	1.021	
1/18/2017 2:45:00 AM	535500.000	71.185	16.820
160.351	37875.086	44888.328	30524.063
29.175	26.403	1.021	
1/18/2017 3:00:00 AM	536400.000	71.174	16.809
160.327	37869.301	44892.262	30526.738

29.177	26.407	1.021	
1/18/2017 3:15:00 AM	537300.000	71.182	16.817
160.343	37872.719	44888.734	30524.342
29.175	26.404	1.021	
1/18/2017 3:30:00 AM	538200.000	71.186	16.817
160.354	37843.473	44853.703	30500.520
29.150	26.425	1.021	
1/18/2017 3:45:00 AM	539100.000	71.189	16.812
160.361	37874.270	44895.922	30529.229
29.180	26.403	1.021	
1/18/2017 4:00:00 AM	540000.000	71.194	16.819
160.372	37877.613	44892.844	30527.137
29.178	26.401	1.021	
1/18/2017 4:15:00 AM	540900.000	71.212	16.819
160.413	37883.172	44899.340	30531.551
29.183	26.397	1.021	
1/18/2017 4:30:00 AM	541800.000	71.214	16.819
160.417	37898.582	44916.711	30543.365
29.196	26.386	1.021	
1/18/2017 4:45:00 AM	542700.000	71.201	16.816
160.386	37875.055	44892.656	30527.008
29.178	26.403	1.021	
1/18/2017 5:00:00 AM	543600.000	71.207	16.809
160.401	37888.207	44914.582	30541.918
29.194	26.393	1.021	
1/18/2017 5:15:00 AM	544500.000	71.220	16.809
160.430	37876.199	44900.621	30532.424
29.183	26.402	1.021	
1/18/2017 5:30:00 AM	545400.000	71.228	16.807
160.447	37877.016	44904.172	30534.840
29.186	26.401	1.021	
1/18/2017 5:45:00 AM	546300.000	71.210	16.806
160.408	37871.902	44898.375	30530.895
29.182	26.405	1.021	
1/18/2017 6:00:00 AM	547200.000	71.213	16.814
160.415	37876.094	44895.773	30529.129
29.180	26.402	1.021	
1/18/2017 6:15:00 AM	548100.000	71.229	16.811
160.449	37891.926	44917.930	30544.195
29.196	26.391	1.021	
1/18/2017 6:30:00 AM	549000.000	71.212	16.811
160.412	37868.676	44889.563	30524.904
29.176	26.407	1.021	
1/18/2017 6:45:00 AM	549900.000	71.215	16.807
160.419	37880.367	44908.324	30537.662
29.189	26.399	1.021	
1/18/2017 7:00:00 AM	550800.000	71.229	16.814
160.450	37893.426	44916.316	30543.096
29.195	26.390	1.021	
1/18/2017 7:15:00 AM	551700.000	71.208	16.813
160.403	37863.555	44882.242	30519.928
29.170	26.411	1.021	
1/18/2017 7:30:00 AM	552600.000	71.227	16.814
160.446	37902.887	44927.082	30550.416
29.203	26.383	1.021	
1/18/2017 7:45:00 AM	553500.000	71.213	16.813
160.415	37857.180	44874.688	30514.787

29.165	26.415	1.021	
1/18/2017 8:00:00 AM	554400.000	71.214	16.813
160.417	37875.941	44896.391	30529.549
29.181	26.402	1.021	
1/18/2017 8:15:00 AM	555300.000	71.229	16.811
160.449	37859.328	44878.836	30517.611
29.168	26.414	1.021	
1/18/2017 8:30:00 AM	556200.000	71.225	16.822
160.442	37883.141	44895.828	30529.166
29.181	26.397	1.021	
1/18/2017 8:45:00 AM	557100.000	71.227	16.811
160.446	37855.410	44874.641	30514.758
29.165	26.416	1.021	
1/18/2017 9:00:00 AM	558000.000	71.210	16.808
160.408	37886.789	44914.422	30541.807
29.193	26.394	1.021	
1/18/2017 9:15:00 AM	558900.000	71.207	16.809
160.400	37900.695	44930.383	30552.662
29.205	26.385	1.021	
1/18/2017 9:30:00 AM	559800.000	71.207	16.812
160.401	37889.129	44912.906	30540.779
29.192	26.393	1.021	
1/18/2017 9:45:00 AM	560700.000	71.205	16.805
160.397	37869.973	44897.605	30530.373
29.181	26.406	1.021	
1/18/2017 10:00:00 AM	561600.000	71.219	16.808
160.429	37870.066	44894.598	30528.328
29.179	26.406	1.021	
1/18/2017 10:15:00 AM	562500.000	71.215	16.814
160.418	37885.543	44906.871	30536.672
29.188	26.395	1.021	
1/18/2017 10:30:00 AM	563400.000	71.212	16.813
160.413	37856.453	44873.723	30514.131
29.164	26.416	1.021	
1/18/2017 10:45:00 AM	564300.000	71.194	16.816
160.372	37867.188	44883.156	30520.549
29.171	26.408	1.021	
1/18/2017 11:00:00 AM	565200.000	71.197	16.816
160.379	37896.676	44918.285	30544.436
29.197	26.388	1.021	
1/18/2017 11:15:00 AM	566100.000	71.210	16.815
160.408	37897.184	44919.242	30545.088
29.197	26.387	1.021	
1/18/2017 11:30:00 AM	567000.000	71.193	16.813
160.369	37869.148	44888.520	30524.195
29.175	26.407	1.021	
1/18/2017 11:45:00 AM	567900.000	71.213	16.815
160.415	37856.828	44872.035	30512.984
29.163	26.415	1.021	
1/18/2017 12:00:00 PM	568800.000	71.214	16.814
160.417	37846.254	44860.125	30504.887
29.154	26.423	1.021	
1/18/2017 12:15:00 PM	569700.000	71.198	16.806
160.381	37856.328	44880.625	30518.828
29.169	26.416	1.021	
1/18/2017 12:30:00 PM	570600.000	71.217	16.821
160.424	37885.359	44899.258	30531.498

29.183	26.395	1.021	
1/18/2017 12:45:00 PM	571500.000	71.215	16.811
160.420	37896.566	44922.527	30547.320
29.199	26.388	1.021	
1/18/2017 1:00:00 PM	572400.000	71.216	16.818
160.421	37883.559	44900.418	30532.285
29.184	26.397	1.021	
1/18/2017 1:15:00 PM	573300.000	71.221	16.812
160.433	37893.461	44918.398	30544.514
29.196	26.390	1.021	
1/18/2017 1:30:00 PM	574200.000	71.205	16.820
160.397	37872.500	44885.000	30521.803
29.173	26.404	1.021	
1/18/2017 1:45:00 PM	575100.000	71.227	16.819
160.445	37917.172	44939.098	30558.588
29.212	26.373	1.021	
1/18/2017 2:00:00 PM	576000.000	71.216	16.815
160.422	37872.590	44890.816	30525.758
29.177	26.404	1.021	
1/18/2017 2:15:00 PM	576900.000	71.231	16.827
160.454	37866.965	44871.648	30512.723
29.163	26.408	1.021	
1/18/2017 2:30:00 PM	577800.000	71.219	16.821
160.429	37904.281	44922.125	30547.047
29.200	26.382	1.021	
1/18/2017 2:45:00 PM	578700.000	71.242	16.820
160.478	37892.758	44908.824	30538.002
29.190	26.390	1.021	
1/18/2017 3:00:00 PM	579600.000	71.241	16.817
160.478	37879.801	44897.398	30530.232
29.181	26.399	1.021	
1/18/2017 3:15:00 PM	580500.000	71.225	16.818
160.442	37869.246	44883.820	30521.000
29.172	26.407	1.021	
1/18/2017 3:30:00 PM	581400.000	71.246	16.819
160.489	37898.453	44916.820	30543.439
29.196	26.386	1.021	
1/18/2017 3:45:00 PM	582300.000	71.230	16.814
160.453	37873.922	44893.453	30527.549
29.178	26.403	1.021	
1/18/2017 4:00:00 PM	583200.000	71.255	16.805
160.508	37872.527	44900.457	30532.313
29.183	26.404	1.021	
1/18/2017 4:15:00 PM	584100.000	71.240	16.815
160.476	37874.676	44892.922	30527.189
29.178	26.403	1.021	
1/18/2017 4:30:00 PM	585000.000	71.254	16.816
160.507	37911.059	44934.703	30555.600
29.208	26.378	1.021	
1/18/2017 4:45:00 PM	585900.000	71.242	16.815
160.479	37867.727	44884.684	30521.588
29.172	26.408	1.021	
1/18/2017 5:00:00 PM	586800.000	71.257	16.816
160.514	37894.746	44915.547	30542.574
29.195	26.389	1.021	
1/18/2017 5:15:00 PM	587700.000	71.261	16.824
160.521	37892.910	44904.984	30535.393

29.187	26.390	1.021	
1/18/2017 5:30:00 PM	588600.000	71.238	16.822
160.472	37893.078	44907.777	30537.291
29.189	26.390	1.021	
1/18/2017 5:45:00 PM	589500.000	71.255	16.812
160.509	37867.094	44887.238	30523.322
29.174	26.408	1.021	
1/18/2017 6:00:00 PM	590400.000	71.241	16.816
160.477	37899.570	44921.539	30546.648
29.199	26.386	1.021	
1/18/2017 6:15:00 PM	591300.000	71.254	16.818
160.507	37866.875	44881.102	30519.150
29.170	26.408	1.021	
1/18/2017 6:30:00 PM	592200.000	71.259	16.806
160.519	37878.406	44906.348	30536.318
29.187	26.400	1.021	
1/18/2017 6:45:00 PM	593100.000	71.253	16.814
160.504	37889.246	44910.734	30539.301
29.191	26.393	1.021	
1/18/2017 7:00:00 PM	594000.000	71.237	16.814
160.469	37872.117	44890.609	30525.617
29.176	26.405	1.021	
1/18/2017 7:15:00 PM	594900.000	71.252	16.809
160.503	37858.566	44879.629	30518.150
29.168	26.414	1.021	
1/18/2017 7:30:00 PM	595800.000	71.257	16.811
160.513	37844.078	44860.582	30505.197
29.155	26.424	1.021	
1/18/2017 7:45:00 PM	596700.000	71.232	16.806
160.458	37875.750	44903.828	30534.605
29.186	26.402	1.021	
1/18/2017 8:00:00 PM	597600.000	71.229	16.807
160.450	37868.543	44893.676	30527.701
29.178	26.407	1.021	
1/18/2017 8:15:00 PM	598500.000	71.226	16.814
160.443	37881.660	44902.371	30533.615
29.185	26.398	1.021	
1/18/2017 8:30:00 PM	599400.000	71.241	16.821
160.478	37891.836	44907.023	30536.777
29.189	26.391	1.021	
1/18/2017 8:45:00 PM	600300.000	71.222	16.818
160.435	37884.125	44901.176	30532.803
29.184	26.396	1.021	
1/18/2017 9:00:00 PM	601200.000	71.237	16.813
160.469	37868.453	44887.328	30523.385
29.174	26.407	1.021	
1/18/2017 9:15:00 PM	602100.000	71.221	16.812
160.433	37873.414	44894.813	30528.475
29.179	26.404	1.021	
1/18/2017 9:30:00 PM	603000.000	71.216	16.819
160.421	37877.703	44892.152	30526.664
29.178	26.401	1.021	
1/18/2017 9:45:00 PM	603900.000	71.229	16.813
160.449	37889.848	44912.688	30540.629
29.192	26.392	1.021	
1/18/2017 10:00:00 PM	604800.000	71.212	16.814
160.412	37888.395	44910.703	30539.279

29.191	26.393	1.021	
1/18/2017 10:15:00 PM	605700.000	71.228	16.820
160.448	37875.809	44889.184	30524.646
29.176	26.402	1.021	
1/18/2017 10:30:00 PM	606600.000	71.209	16.817
160.406	37880.809	44898.500	30530.980
29.182	26.399	1.021	
1/18/2017 10:45:00 PM	607500.000	71.226	16.813
160.444	37862.832	44880.582	30518.799
29.169	26.411	1.021	
1/18/2017 11:00:00 PM	608400.000	71.207	16.810
160.401	37839.754	44856.789	30502.619
29.152	26.427	1.021	
1/18/2017 11:15:00 PM	609300.000	71.207	16.820
160.400	37879.070	44892.871	30527.152
29.178	26.400	1.021	
1/18/2017 11:30:00 PM	610200.000	71.206	16.814
160.399	37880.453	44900.574	30532.393
29.184	26.399	1.021	
1/18/2017 11:45:00 PM	611100.000	71.224	16.808
160.439	37864.504	44888.449	30524.146
29.175	26.410	1.021	

Report Date: 1/20/2017 8:29:45 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9S LT Test_2017-01-19_12-34-03-809-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 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

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
1/19/2017 12:33:09 PM	Log Download - Used Battery: 17% Used Memory: 25% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM
1/20/2017 8:26:54 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:
Record Count: 731
Sensors: 2
1 - 427634: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

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: PCTD(A) 197.3ft	
427634		SN#: 427634		SN#: 000000		SN#: 427634		SN#: 427634		SN#: 427634		SN#: 427634		SN#: 427634		SN#: 427634		SN#:	
Date and Time cm	Elapsed Time	Corrected Seconds	Pressure (PSI)	Temperature (C)	Corrected	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-								
	Water Density (g/cm3)			Barometric Pressure (PSI)															
1/12/2017 12:00:00 AM 1.001	7200.000 14.679		26.667	16.886		60.782	4525.216	5355.189	2.914	3.642	220.984								
1/12/2017 12:15:00 AM 1.001	8100.000 14.679		26.656	16.885		60.758	4526.104	5356.282	2.914	3.642	220.941								
1/12/2017 12:30:00 AM 1.001	9000.000 14.671		26.668	16.885		60.785	4526.204	5356.421	2.914	3.642	220.936								
1/12/2017 12:45:00 AM 1.001	9900.000 14.669		26.671	16.885		60.790	4526.685	5356.981	2.915	3.643	220.912								
1/12/2017 1:00:00 AM 1.001	10800.000 14.663		26.670	16.885		60.788	4527.251	5357.671	2.915	3.643	220.885								
1/12/2017 1:15:00 AM 1.001	11700.000 14.661		26.674	16.884		60.797	4527.990	5358.621	2.916	3.644	220.849								
1/12/2017 1:30:00 AM 1.001	12600.000 14.663		26.670	16.885		60.789	4528.173	5358.730	2.916	3.644	220.840								
1/12/2017 1:45:00 AM 1.001	13500.000 14.660		26.671	16.884		60.792	4528.959	5359.757	2.916	3.645	220.801								
1/12/2017 2:00:00 AM 1.001	14400.000 14.658		26.674	16.884		60.798	4530.003	5360.992	2.917	3.645	220.750								
1/12/2017 2:15:00 AM 1.001	15300.000 14.663		26.675	16.884		60.800	4530.851	5362.017	2.918	3.646	220.709								
1/12/2017 2:30:00 AM 1.001	16200.000 14.668		26.669	16.884		60.786	4531.744	5363.084	2.918	3.647	220.666								
1/12/2017 2:45:00 AM 1.001	17100.000 14.665		26.670	16.884		60.788	4532.548	5364.026	2.919	3.648	220.626								
1/12/2017 3:00:00 AM 1.001	18000.000 14.667		26.670	16.884		60.789	4532.863	5364.441	2.919	3.648	220.611								
1/12/2017 3:15:00 AM 1.001	18900.000 14.659		26.679	16.884		60.809	4533.175	5364.853	2.919	3.648	220.596								
1/12/2017 3:30:00 AM 1.001	19800.000 14.654		26.677	16.883		60.805	4533.252	5364.986	2.919	3.648	220.592								
1/12/2017 3:45:00 AM 1.001	20700.000 14.666		26.671	16.884		60.792	4533.368	5365.017	2.919	3.648	220.587								
1/12/2017 4:00:00 AM 1.001	21600.000 14.655		26.683	16.883		60.819	4533.500	5365.268	2.920	3.648	220.580								
1/12/2017 4:15:00 AM 1.001	22500.000 14.657		26.679	16.884		60.810	4533.947	5365.766	2.920	3.649	220.558								
1/12/2017 4:30:00 AM 1.001	23400.000 14.656		26.680	16.883		60.812	4534.691	5366.699	2.920	3.649	220.522								
1/12/2017 4:45:00 AM 1.001	24300.000 14.651		26.684	16.884		60.820	4535.534	5367.654	2.921	3.650	220.481								
1/12/2017 5:00:00 AM 1.001	25200.000 14.651		26.683	16.883		60.820	4536.623	5369.029	2.922	3.651	220.428								
1/12/2017 5:15:00 AM 1.001	26100.000 14.654		26.684	16.883		60.821	4536.885	5369.296	2.922	3.651	220.416								
1/12/2017 5:30:00 AM 1.001	27000.000 14.651		26.686	16.883		60.825	4538.436	5371.195	2.923	3.652	220.340								
1/12/2017 5:45:00 AM 1.001	27900.000 14.648		26.689	16.882		60.832	4539.687	5372.697	2.924	3.653	220.280								
1/12/2017 6:00:00 AM 1.001	28800.000 14.656		26.684	16.882		60.820	4541.732	5375.140	2.925	3.655	220.180								
1/12/2017 6:15:00 AM 1.001	29700.000 14.657		26.685	16.882		60.824	4542.026	5375.540	2.925	3.655	220.166								
1/12/2017 6:30:00 AM 1.001	30600.000 14.650		26.695	16.883		60.846	4543.387	5377.044	2.926	3.656	220.100								
1/12/2017 6:45:00 AM 1.001	31500.000 14.658		26.691	16.882		60.836	4543.729	5377.555	2.927	3.657	220.084								
1/12/2017 7:00:00 AM 1.001	32400.000 14.663		26.682	16.882		60.817	4544.970	5378.981	2.927	3.658	220.023								
1/12/2017 7:15:00 AM 1.001	33300.000 14.660		26.695	16.882		60.846	4545.005	5379.034	2.927	3.658	220.022								
1/12/2017 7:30:00 AM 1.001	34200.000 14.668		26.690	16.882		60.834	4546.016	5380.274	2.928	3.659	219.973								
1/12/2017 7:45:00 AM 1.001	35100.000 14.676		26.684	16.881		60.821	4546.137	5380.480	2.928	3.659	219.967								
1/12/2017 8:00:00 AM 1.001	36000.000 14.675		26.693	16.881		60.842	4546.449	5380.828	2.929	3.659	219.952								
1/12/2017 8:15:00 AM 1.001	36900.000 14.682		26.690	16.881		60.834	4546.833	5381.272	2.929	3.659	219.933								
1/12/2017 8:30:00 AM 1.001	37800.000 14.690		26.681	16.881		60.815	4545.868	5380.141	2.928	3.658	219.980								
1/12/2017 8:45:00 AM 1.001	38700.000 14.690		26.687	16.882		60.829	4545.828	5380.072	2.928	3.658	219.982								
1/12/2017 9:00:00 AM	39600.000		26.680	16.882		60.812	4545.685	5379.882	2.928	3.658	219.989								

1.001	14.702								
1/12/2017 9:15:00 AM	40500.000	26.693	16.882	60.843	4546.545	5380.910	2.929	3.659	219.947
1.001	14.693								
1/12/2017 9:30:00 AM	41400.000	26.689	16.882	60.832	4546.389	5380.725	2.928	3.659	219.955
1.001	14.694								
1/12/2017 9:45:00 AM	42300.000	26.685	16.881	60.824	4546.905	5381.378	2.929	3.659	219.930
1.001	14.710								
1/12/2017 10:00:00 AM	43200.000	26.692	16.881	60.840	4546.635	5381.081	2.929	3.659	219.943
1.001	14.705								
1/12/2017 10:15:00 AM	44100.000	26.690	16.881	60.834	4546.819	5381.298	2.929	3.659	219.934
1.001	14.706								
1/12/2017 10:30:00 AM	45000.000	26.692	16.881	60.840	4546.914	5381.410	2.929	3.659	219.929
1.001	14.706								
1/12/2017 10:45:00 AM	45900.000	26.689	16.881	60.833	4547.380	5381.994	2.929	3.660	219.907
1.001	14.711								
1/12/2017 11:00:00 AM	46800.000	26.703	16.881	60.864	4546.775	5381.290	2.929	3.659	219.936
1.001	14.705								
1/12/2017 11:15:00 AM	47700.000	26.698	16.881	60.853	4547.044	5381.576	2.929	3.659	219.923
1.001	14.704								
1/12/2017 11:30:00 AM	48600.000	26.696	16.881	60.849	4548.389	5383.176	2.930	3.661	219.858
1.001	14.712								
1/12/2017 11:45:00 AM	49500.000	26.700	16.881	60.857	4548.315	5383.080	2.930	3.660	219.862
1.001	14.705								
1/12/2017 12:00:00 PM	50400.000	26.699	16.881	60.854	4548.634	5383.510	2.930	3.661	219.846
1.001	14.703								
1/12/2017 12:15:00 PM	51300.000	26.706	16.881	60.870	4549.067	5384.013	2.930	3.661	219.825
1.001	14.701								
1/12/2017 12:30:00 PM	52200.000	26.703	16.880	60.865	4549.846	5385.061	2.931	3.662	219.788
1.001	14.701								
1/12/2017 12:45:00 PM	53100.000	26.709	16.879	60.877	4551.362	5386.889	2.932	3.663	219.714
1.001	14.695								
1/12/2017 1:00:00 PM	54000.000	26.709	16.880	60.878	4552.069	5387.683	2.932	3.664	219.680
1.001	14.697								
1/12/2017 1:15:00 PM	54900.000	26.705	16.879	60.870	4553.277	5389.156	2.933	3.665	219.622
1.001	14.699								
1/12/2017 1:30:00 PM	55800.000	26.712	16.879	60.885	4555.730	5392.090	2.935	3.667	219.504
1.001	14.694								
1/12/2017 1:45:00 PM	56700.000	26.707	16.879	60.873	4556.997	5393.601	2.936	3.668	219.443
1.001	14.697								
1/12/2017 2:00:00 PM	57600.000	26.709	16.879	60.879	4558.596	5395.482	2.937	3.669	219.366
1.001	14.699								
1/12/2017 2:15:00 PM	58500.000	26.715	16.878	60.892	4559.056	5396.156	2.937	3.669	219.344
1.001	14.692								
1/12/2017 2:30:00 PM	59400.000	26.708	16.878	60.875	4560.424	5397.796	2.938	3.671	219.278
1.001	14.698								
1/12/2017 2:45:00 PM	60300.000	26.714	16.878	60.890	4561.793	5399.405	2.939	3.672	219.212
1.001	14.695								
1/12/2017 3:00:00 PM	61200.000	26.714	16.878	60.890	4562.283	5399.997	2.940	3.672	219.188
1.001	14.701								
1/12/2017 3:15:00 PM	62100.000	26.712	16.878	60.884	4563.301	5401.202	2.940	3.673	219.140
1.001	14.703								
1/12/2017 3:30:00 PM	63000.000	26.718	16.877	60.898	4564.414	5402.593	2.941	3.674	219.086
1.001	14.701								
1/12/2017 3:45:00 PM	63900.000	26.714	16.877	60.890	4565.856	5404.312	2.942	3.675	219.017
1.001	14.704								
1/12/2017 4:00:00 PM	64800.000	26.720	16.879	60.903	4566.364	5404.752	2.942	3.675	218.993
1.001	14.707								
1/12/2017 4:15:00 PM	65700.000	26.727	16.878	60.918	4566.795	5405.327	2.943	3.676	218.972
1.001	14.706								
1/12/2017 4:30:00 PM	66600.000	26.718	16.878	60.899	4566.899	5405.492	2.943	3.676	218.967
1.001	14.710								
1/12/2017 4:45:00 PM	67500.000	26.729	16.876	60.923	4566.953	5405.696	2.943	3.676	218.964
1.001	14.705								
1/12/2017 5:00:00 PM	68400.000	26.729	16.877	60.923	4567.008	5405.654	2.943	3.676	218.962
1.001	14.706								
1/12/2017 5:15:00 PM	69300.000	26.729	16.877	60.924	4566.794	5405.454	2.943	3.676	218.972
1.001	14.713								
1/12/2017 5:30:00 PM	70200.000	26.739	16.877	60.947	4566.996	5405.670	2.943	3.676	218.962
1.001	14.701								
1/12/2017 5:45:00 PM	71100.000	26.725	16.877	60.914	4568.344	5407.289	2.944	3.677	218.898
1.001	14.712								
1/12/2017 6:00:00 PM	72000.000	26.739	16.877	60.946	4568.769	5407.802	2.944	3.677	218.877
1.001	14.705								
1/12/2017 6:15:00 PM	72900.000	26.725	16.877	60.914	4568.943	5408.008	2.944	3.677	218.869
1.001	14.718								
1/12/2017 6:30:00 PM	73800.000	26.740	16.877	60.949	4570.578	5409.922	2.945	3.679	218.791
1.001	14.710								
1/12/2017 6:45:00 PM	74700.000	26.731	16.877	60.928	4571.914	5411.534	2.946	3.680	218.727
1.001	14.719								
1/12/2017 7:00:00 PM	75600.000	26.729	16.876	60.923	4572.093	5411.779	2.946	3.680	218.718
1.001	14.725								
1/12/2017 7:15:00 PM	76500.000	26.733	16.876	60.932	4572.938	5412.844	2.947	3.681	218.678
1.001	14.725								
1/12/2017 7:30:00 PM	77400.000	26.733	16.876	60.932	4573.353	5413.271	2.947	3.681	218.658
1.001	14.726								
1/12/2017 7:45:00 PM	78300.000	26.734	16.876	60.934	4572.768	5412.610	2.947	3.681	218.686
1.001	14.731								
1/12/2017 8:00:00 PM	79200.000	26.730	16.876	60.926	4573.123	5413.095	2.947	3.681	218.669

1.001	14.735								
1/12/2017 8:15:00 PM	80100.000	26.734	16.876	60.934	4572.322	5412.146	2.947	3.680	218.707
1.001	14.734								
1/12/2017 8:30:00 PM	81000.000	26.732	16.876	60.931	4572.673	5412.488	2.947	3.680	218.690
1.001	14.740								
1/12/2017 8:45:00 PM	81900.000	26.729	16.876	60.924	4571.591	5411.186	2.946	3.680	218.742
1.001	14.741								
1/12/2017 9:00:00 PM	82800.000	26.738	16.876	60.945	4570.792	5410.250	2.946	3.679	218.780
1.001	14.733								
1/12/2017 9:15:00 PM	83700.000	26.735	16.876	60.938	4570.867	5410.360	2.946	3.679	218.777
1.001	14.736								
1/12/2017 9:30:00 PM	84600.000	26.730	16.876	60.925	4569.582	5408.829	2.945	3.678	218.838
1.001	14.744								
1/12/2017 9:45:00 PM	85500.000	26.732	16.877	60.930	4568.149	5407.004	2.944	3.677	218.907
1.001	14.741								
1/12/2017 10:00:00 PM	86400.000	26.729	16.877	60.923	4566.876	5405.593	2.943	3.676	218.968
1.001	14.740								
1/12/2017 10:15:00 PM	87300.000	26.719	16.877	60.901	4564.295	5402.443	2.941	3.674	219.092
1.001	14.751								
1/12/2017 10:30:00 PM	88200.000	26.721	16.878	60.905	4561.504	5399.053	2.939	3.671	219.226
1.001	14.749								
1/12/2017 10:45:00 PM	89100.000	26.717	16.878	60.897	4558.636	5395.637	2.937	3.669	219.364
1.001	14.747								
1/12/2017 11:00:00 PM	90000.000	26.716	16.878	60.894	4555.815	5392.288	2.935	3.667	219.500
1.001	14.754								
1/12/2017 11:15:00 PM	90900.000	26.707	16.879	60.873	4552.707	5388.545	2.933	3.664	219.650
1.001	14.755								
1/12/2017 11:30:00 PM	91800.000	26.710	16.880	60.881	4548.933	5383.959	2.930	3.661	219.832
1.001	14.752								
1/12/2017 11:45:00 PM	92700.000	26.710	16.880	60.881	4546.029	5380.480	2.928	3.659	219.972
1.001	14.750								
1/13/2017 12:00:00 AM	93600.000	26.703	16.881	60.864	4541.699	5375.250	2.925	3.655	220.182
1.001	14.752								
1/13/2017 12:15:00 AM	94500.000	26.696	16.881	60.849	4537.876	5370.758	2.923	3.652	220.367
1.001	14.756								
1/13/2017 12:30:00 AM	95400.000	26.701	16.882	60.861	4535.192	5367.410	2.921	3.650	220.498
1.001	14.751								
1/13/2017 12:45:00 AM	96300.000	26.703	16.882	60.864	4530.736	5362.178	2.918	3.646	220.715
1.001	14.747								
1/13/2017 1:00:00 AM	97200.000	26.697	16.883	60.851	4526.215	5356.732	2.915	3.643	220.935
1.001	14.754								
1/13/2017 1:15:00 AM	98100.000	26.691	16.883	60.837	4522.632	5352.428	2.912	3.640	221.110
1.001	14.759								
1/13/2017 1:30:00 AM	99000.000	26.692	16.884	60.840	4517.901	5346.743	2.909	3.636	221.342
1.001	14.753								
1/13/2017 1:45:00 AM	99900.000	26.689	16.884	60.833	4514.500	5342.677	2.906	3.633	221.508
1.001	14.760								
1/13/2017 2:00:00 AM	100800.000	26.687	16.885	60.827	4509.719	5336.977	2.903	3.629	221.743
1.001	14.762								
1/13/2017 2:15:00 AM	101700.000	26.686	16.886	60.826	4507.820	5334.602	2.902	3.628	221.837
1.001	14.762								
1/13/2017 2:30:00 AM	102600.000	26.689	16.886	60.832	4504.463	5330.598	2.899	3.625	222.002
1.001	14.755								
1/13/2017 2:45:00 AM	103500.000	26.684	16.886	60.822	4501.108	5326.564	2.897	3.622	222.167
1.001	14.762								
1/13/2017 3:00:00 AM	104400.000	26.678	16.886	60.807	4497.842	5322.710	2.895	3.619	222.329
1.001	14.771								
1/13/2017 3:15:00 AM	105300.000	26.673	16.887	60.795	4495.119	5319.372	2.893	3.617	222.464
1.001	14.771								
1/13/2017 3:30:00 AM	106200.000	26.682	16.888	60.817	4491.655	5315.241	2.891	3.614	222.635
1.001	14.767								
1/13/2017 3:45:00 AM	107100.000	26.672	16.888	60.794	4489.548	5312.726	2.889	3.613	222.740
1.001	14.774								
1/13/2017 4:00:00 AM	108000.000	26.672	16.889	60.793	4486.334	5308.818	2.887	3.610	222.899
1.001	14.773								
1/13/2017 4:15:00 AM	108900.000	26.671	16.889	60.791	4483.674	5305.639	2.885	3.608	223.031
1.001	14.772								
1/13/2017 4:30:00 AM	109800.000	26.674	16.889	60.798	4481.080	5302.506	2.883	3.606	223.160
1.001	14.770								
1/13/2017 4:45:00 AM	110700.000	26.668	16.889	60.786	4478.676	5299.704	2.882	3.604	223.280
1.001	14.772								
1/13/2017 5:00:00 AM	111600.000	26.665	16.890	60.779	4477.520	5298.230	2.881	3.603	223.338
1.001	14.776								
1/13/2017 5:15:00 AM	112500.000	26.663	16.890	60.774	4475.518	5295.850	2.879	3.601	223.438
1.001	14.783								
1/13/2017 5:30:00 AM	113400.000	26.663	16.890	60.774	4473.381	5293.291	2.878	3.599	223.545
1.001	14.778								
1/13/2017 5:45:00 AM	114300.000	26.669	16.891	60.787	4471.053	5290.473	2.876	3.598	223.661
1.001	14.776								
1/13/2017 6:00:00 AM	115200.000	26.656	16.891	60.758	4469.350	5288.448	2.875	3.596	223.746
1.001	14.784								
1/13/2017 6:15:00 AM	116100.000	26.663	16.891	60.772	4467.221	5285.950	2.874	3.594	223.853
1.001	14.777								
1/13/2017 6:30:00 AM	117000.000	26.664	16.891	60.776	4465.913	5284.349	2.873	3.593	223.918
1.001	14.780								
1/13/2017 6:45:00 AM	117900.000	26.655	16.892	60.756	4464.134	5282.150	2.871	3.592	224.008
1.001	14.788								
1/13/2017 7:00:00 AM	118800.000	26.658	16.893	60.762	4462.961	5280.679	2.871	3.591	224.066
1.001	14.789								

1/13/2017 7:15:00 AM 1.001	119700.000 14.789	26.657	16.892	60.758	4460.103	5277.359	2.869	3.589	224.210
1/13/2017 7:30:00 AM 1.001	120600.000 14.791	26.658	16.893	60.763	4459.396	5276.418	2.868	3.588	224.246
1/13/2017 7:45:00 AM 1.001	121500.000 14.798	26.651	16.893	60.746	4457.206	5273.816	2.867	3.586	224.356
1/13/2017 8:00:00 AM 1.001	122400.000 14.793	26.656	16.893	60.758	4456.474	5272.951	2.866	3.586	224.393
1/13/2017 8:15:00 AM 1.001	123300.000 14.798	26.649	16.893	60.741	4454.888	5271.042	2.865	3.584	224.473
1/13/2017 8:30:00 AM 1.001	124200.000 14.803	26.652	16.894	60.748	4453.268	5269.104	2.864	3.583	224.554
1/13/2017 8:45:00 AM 1.001	125100.000 14.805	26.649	16.893	60.742	4451.836	5267.442	2.863	3.582	224.626
1/13/2017 9:00:00 AM 1.001	126000.000 14.806	26.649	16.894	60.740	4450.380	5265.645	2.862	3.581	224.700
1/13/2017 9:15:00 AM 1.001	126900.000 14.815	26.642	16.895	60.725	4449.249	5264.224	2.861	3.580	224.757
1/13/2017 9:30:00 AM 1.001	127800.000 14.812	26.650	16.895	60.744	4448.223	5263.010	2.860	3.579	224.809
1/13/2017 9:45:00 AM 1.001	128700.000 14.816	26.644	16.894	60.729	4446.792	5261.327	2.859	3.578	224.881
1/13/2017 10:00:00 AM 1.001	129600.000 14.818	26.653	16.894	60.750	4446.491	5260.993	2.859	3.577	224.896
1/13/2017 10:15:00 AM 1.001	130500.000 14.821	26.649	16.894	60.742	4446.938	5261.522	2.859	3.578	224.874
1/13/2017 10:30:00 AM 1.001	131400.000 14.826	26.644	16.894	60.730	4446.734	5261.291	2.859	3.578	224.884
1/13/2017 10:45:00 AM 1.001	132300.000 14.824	26.643	16.894	60.727	4446.693	5261.274	2.859	3.578	224.886
1/13/2017 11:00:00 AM 1.001	133200.000 14.822	26.649	16.894	60.740	4447.622	5262.340	2.860	3.578	224.839
1/13/2017 11:15:00 AM 1.001	134100.000 14.825	26.659	16.894	60.764	4448.647	5263.553	2.861	3.579	224.787
1/13/2017 11:30:00 AM 1.001	135000.000 14.817	26.659	16.894	60.765	4449.624	5264.729	2.861	3.580	224.738
1/13/2017 11:45:00 AM 1.001	135900.000 14.815	26.661	16.894	60.769	4449.907	5265.128	2.862	3.580	224.724
1/13/2017 12:00:00 PM 1.001	136800.000 14.816	26.655	16.894	60.756	4451.332	5266.763	2.863	3.581	224.652
1/13/2017 12:15:00 PM 1.001	137700.000 14.814	26.666	16.894	60.780	4451.999	5267.593	2.863	3.582	224.618
1/13/2017 12:30:00 PM 1.001	138600.000 14.801	26.669	16.893	60.787	4453.773	5269.786	2.864	3.583	224.529
1/13/2017 12:45:00 PM 1.001	139500.000 14.804	26.665	16.893	60.778	4455.310	5271.552	2.865	3.585	224.451
1/13/2017 1:00:00 PM 1.001	140400.000 14.804	26.667	16.893	60.782	4457.361	5273.958	2.867	3.586	224.348
1/13/2017 1:15:00 PM 1.001	141300.000 14.802	26.670	16.893	60.790	4458.354	5275.206	2.867	3.587	224.298
1/13/2017 1:30:00 PM 1.001	142200.000 14.802	26.664	16.893	60.776	4459.548	5276.609	2.868	3.588	224.238
1/13/2017 1:45:00 PM 1.001	143100.000 14.805	26.666	16.892	60.780	4461.098	5278.494	2.869	3.589	224.160
1/13/2017 2:00:00 PM 1.001	144000.000 14.799	26.667	16.893	60.783	4462.007	5279.549	2.870	3.590	224.114
1/13/2017 2:15:00 PM 1.001	144900.000 14.807	26.662	16.893	60.770	4462.372	5279.960	2.870	3.590	224.096
1/13/2017 2:30:00 PM 1.001	145800.000 14.807	26.662	16.892	60.771	4462.339	5279.995	2.870	3.590	224.098
1/13/2017 2:45:00 PM 1.001	146700.000 14.808	26.660	16.893	60.767	4462.259	5279.774	2.870	3.590	224.102
1/13/2017 3:00:00 PM 1.001	147600.000 14.808	26.661	16.893	60.769	4460.932	5278.204	2.869	3.589	224.168
1/13/2017 3:15:00 PM 1.001	148500.000 14.809	26.661	16.894	60.768	4459.713	5276.700	2.868	3.588	224.230
1/13/2017 3:30:00 PM 1.001	149400.000 14.805	26.662	16.893	60.772	4458.001	5274.747	2.867	3.587	224.316
1/13/2017 3:45:00 PM 1.001	150300.000 14.813	26.653	16.893	60.750	4456.809	5273.305	2.866	3.586	224.376
1/13/2017 4:00:00 PM 1.001	151200.000 14.802	26.663	16.894	60.773	4455.547	5271.780	2.865	3.585	224.439
1/13/2017 4:15:00 PM 1.001	152100.000 14.797	26.666	16.894	60.779	4454.505	5270.464	2.865	3.584	224.492
1/13/2017 4:30:00 PM 1.001	153000.000 14.804	26.656	16.894	60.757	4453.431	5269.205	2.864	3.583	224.546
1/13/2017 4:45:00 PM 1.001	153900.000 14.801	26.662	16.894	60.770	4452.089	5267.605	2.863	3.582	224.614
1/13/2017 5:00:00 PM 1.001	154800.000 14.803	26.656	16.895	60.756	4451.128	5266.417	2.862	3.581	224.662
1/13/2017 5:15:00 PM 1.001	155700.000 14.795	26.664	16.894	60.775	4450.241	5265.439	2.862	3.580	224.707
1/13/2017 5:30:00 PM 1.001	156600.000 14.801	26.655	16.896	60.755	4448.915	5263.705	2.861	3.579	224.774
1/13/2017 5:45:00 PM 1.001	157500.000 14.809	26.648	16.895	60.740	4447.930	5262.581	2.860	3.579	224.824
1/13/2017 6:00:00 PM 1.001	158400.000 14.807	26.653	16.896	60.750	4446.059	5260.284	2.859	3.577	224.918

1/13/2017 6:15:00 PM 1.001	159300.000 14.808	26.651	16.896	60.745	4444.375	5258.291	2.858	3.576	225.004
1/13/2017 6:30:00 PM 1.001	160200.000 14.801	26.653	16.896	60.750	4443.439	5257.184	2.857	3.575	225.051
1/13/2017 6:45:00 PM 1.001	161100.000 14.799	26.655	16.897	60.755	4441.194	5254.444	2.855	3.573	225.165
1/13/2017 7:00:00 PM 1.001	162000.000 14.812	26.642	16.897	60.726	4440.461	5253.534	2.855	3.572	225.202
1/13/2017 7:15:00 PM 1.001	162900.000 14.811	26.645	16.896	60.733	4439.013	5251.915	2.854	3.571	225.275
1/13/2017 7:30:00 PM 1.001	163800.000 14.806	26.653	16.897	60.751	4438.565	5251.324	2.854	3.571	225.298
1/13/2017 7:45:00 PM 1.001	164700.000 14.811	26.640	16.897	60.722	4436.475	5248.767	2.852	3.569	225.404
1/13/2017 8:00:00 PM 1.001	165600.000 14.817	26.639	16.898	60.718	4435.083	5247.100	2.851	3.568	225.475
1/13/2017 8:15:00 PM 1.001	166500.000 14.810	26.649	16.898	60.741	4432.943	5244.526	2.850	3.566	225.584
1/13/2017 8:30:00 PM 1.001	167400.000 14.819	26.640	16.898	60.722	4431.543	5242.891	2.849	3.565	225.655
1/13/2017 8:45:00 PM 1.001	168300.000 14.824	26.634	16.898	60.707	4430.128	5241.196	2.848	3.564	225.727
1/13/2017 9:00:00 PM 1.001	169200.000 14.830	26.627	16.898	60.690	4428.242	5238.902	2.846	3.562	225.823
1/13/2017 9:15:00 PM 1.001	170100.000 14.833	26.633	16.899	60.705	4426.377	5236.644	2.845	3.561	225.918
1/13/2017 9:30:00 PM 1.001	171000.000 14.830	26.635	16.899	60.709	4424.489	5234.380	2.844	3.559	226.015
1/13/2017 9:45:00 PM 1.001	171900.000 14.834	26.632	16.899	60.702	4422.333	5231.850	2.842	3.558	226.125
1/13/2017 10:00:00 PM 1.001	172800.000 14.836	26.631	16.900	60.699	4420.965	5230.138	2.841	3.556	226.195
1/13/2017 10:15:00 PM 1.001	173700.000 14.831	26.631	16.900	60.701	4419.851	5228.840	2.841	3.556	226.252
1/13/2017 10:30:00 PM 1.001	174600.000 14.836	26.629	16.900	60.695	4418.761	5227.489	2.840	3.555	226.308
1/13/2017 10:45:00 PM 1.001	175500.000 14.835	26.631	16.900	60.700	4417.305	5225.766	2.839	3.554	226.382
1/13/2017 11:00:00 PM 1.001	176400.000 14.832	26.634	16.900	60.707	4416.435	5224.706	2.838	3.553	226.427
1/13/2017 11:15:00 PM 1.001	177300.000 14.833	26.633	16.900	60.704	4415.296	5223.390	2.837	3.552	226.485
1/13/2017 11:30:00 PM 1.001	178200.000 14.836	26.627	16.901	60.691	4414.101	5221.882	2.837	3.551	226.547
1/13/2017 11:45:00 PM 1.001	179100.000 14.833	26.633	16.900	60.704	4412.914	5220.582	2.836	3.550	226.608
1/14/2017 12:00:00 AM 1.001	180000.000 14.828	26.630	16.901	60.697	4412.690	5220.213	2.836	3.550	226.619
1/14/2017 12:15:00 AM 1.001	180900.000 14.831	26.633	16.901	60.704	4412.308	5219.751	2.835	3.549	226.639
1/14/2017 12:30:00 AM 1.001	181800.000 14.834	26.632	16.901	60.702	4411.830	5219.165	2.835	3.549	226.663
1/14/2017 12:45:00 AM 1.001	182700.000 14.829	26.632	16.901	60.703	4410.456	5217.623	2.834	3.548	226.734
1/14/2017 1:00:00 AM 1.001	183600.000 14.834	26.626	16.901	60.690	4410.884	5218.119	2.834	3.548	226.712
1/14/2017 1:15:00 AM 1.001	184500.000 14.830	26.627	16.901	60.692	4410.583	5217.671	2.834	3.548	226.727
1/14/2017 1:30:00 AM 1.001	185400.000 14.824	26.633	16.902	60.704	4410.926	5218.043	2.834	3.548	226.710
1/14/2017 1:45:00 AM 1.001	186300.000 14.831	26.629	16.902	60.696	4410.601	5217.659	2.834	3.548	226.726
1/14/2017 2:00:00 AM 1.001	187200.000 14.830	26.629	16.902	60.695	4410.715	5217.806	2.834	3.548	226.721
1/14/2017 2:15:00 AM 1.001	188100.000 14.828	26.631	16.901	60.700	4410.666	5217.840	2.834	3.548	226.723
1/14/2017 2:30:00 AM 1.001	189000.000 14.828	26.632	16.902	60.703	4410.901	5218.025	2.834	3.548	226.711
1/14/2017 2:45:00 AM 1.001	189900.000 14.832	26.627	16.902	60.692	4410.886	5217.987	2.834	3.548	226.712
1/14/2017 3:00:00 AM 1.001	190800.000 14.830	26.628	16.902	60.695	4410.982	5218.121	2.834	3.548	226.707
1/14/2017 3:15:00 AM 1.001	191700.000 14.839	26.620	16.901	60.675	4409.667	5216.596	2.834	3.547	226.774
1/14/2017 3:30:00 AM 1.001	192600.000 14.825	26.630	16.901	60.698	4409.607	5216.504	2.833	3.547	226.778
1/14/2017 3:45:00 AM 1.001	193500.000 14.829	26.625	16.902	60.686	4409.379	5216.185	2.833	3.547	226.789
1/14/2017 4:00:00 AM 1.001	194400.000 14.828	26.625	16.902	60.687	4408.877	5215.632	2.833	3.547	226.815
1/14/2017 4:15:00 AM 1.001	195300.000 14.832	26.626	16.902	60.690	4408.583	5215.242	2.833	3.546	226.830
1/14/2017 4:30:00 AM 1.001	196200.000 14.840	26.612	16.902	60.656	4408.259	5214.838	2.833	3.546	226.847
1/14/2017 4:45:00 AM 1.001	197100.000 14.829	26.627	16.903	60.692	4407.308	5213.660	2.832	3.545	226.896
1/14/2017 5:00:00 AM 1.001	198000.000 14.837	26.617	16.903	60.668	4406.834	5213.069	2.831	3.545	226.920
1/14/2017 5:15:00 AM	198900.000	26.630	16.902	60.697	4406.193	5212.353	2.831	3.544	226.953

1.001	14.824								
1/14/2017 5:30:00 AM	199800.000	26.616	16.903	60.666	4405.719	5211.780	2.831	3.544	226.978
1.001	14.838								
1/14/2017 5:45:00 AM	200700.000	26.629	16.903	60.695	4404.703	5210.538	2.830	3.543	227.030
1.001	14.825								
1/14/2017 6:00:00 AM	201600.000	26.624	16.903	60.685	4404.255	5209.977	2.830	3.543	227.053
1.001	14.827								
1/14/2017 6:15:00 AM	202500.000	26.623	16.904	60.683	4404.066	5209.682	2.830	3.543	227.063
1.001	14.826								
1/14/2017 6:30:00 AM	203400.000	26.623	16.903	60.682	4403.897	5209.616	2.829	3.543	227.072
1.001	14.827								
1/14/2017 6:45:00 AM	204300.000	26.629	16.903	60.696	4403.741	5209.379	2.829	3.542	227.080
1.001	14.822								
1/14/2017 7:00:00 AM	205200.000	26.619	16.903	60.672	4403.261	5208.771	2.829	3.542	227.104
1.001	14.832								
1/14/2017 7:15:00 AM	206100.000	26.622	16.904	60.680	4402.985	5208.330	2.829	3.542	227.119
1.001	14.830								
1/14/2017 7:30:00 AM	207000.000	26.622	16.903	60.681	4401.652	5206.867	2.828	3.541	227.187
1.001	14.829								
1/14/2017 7:45:00 AM	207900.000	26.625	16.904	60.686	4400.333	5205.286	2.827	3.540	227.256
1.001	14.827								
1/14/2017 8:00:00 AM	208800.000	26.619	16.904	60.673	4399.600	5204.419	2.826	3.539	227.293
1.001	14.829								
1/14/2017 8:15:00 AM	209700.000	26.624	16.904	60.683	4399.007	5203.697	2.826	3.539	227.324
1.001	14.826								
1/14/2017 8:30:00 AM	210600.000	26.620	16.905	60.675	4398.433	5202.915	2.826	3.538	227.354
1.001	14.832								
1/14/2017 8:45:00 AM	211500.000	26.616	16.904	60.665	4398.151	5202.602	2.825	3.538	227.368
1.001	14.835								
1/14/2017 9:00:00 AM	212400.000	26.617	16.905	60.669	4397.916	5202.283	2.825	3.538	227.380
1.001	14.838								
1/14/2017 9:15:00 AM	213300.000	26.618	16.905	60.670	4397.405	5201.679	2.825	3.537	227.407
1.001	14.838								
1/14/2017 9:30:00 AM	214200.000	26.614	16.904	60.661	4396.575	5200.747	2.824	3.537	227.450
1.001	14.843								
1/14/2017 9:45:00 AM	215100.000	26.612	16.905	60.657	4395.199	5199.069	2.823	3.535	227.521
1.001	14.843								
1/14/2017 10:00:00 AM	216000.000	26.612	16.905	60.658	4394.238	5197.911	2.823	3.535	227.571
1.001	14.844								
1/14/2017 10:15:00 AM	216900.000	26.622	16.905	60.680	4393.445	5196.932	2.822	3.534	227.612
1.001	14.834								
1/14/2017 10:30:00 AM	217800.000	26.624	16.905	60.683	4392.761	5196.205	2.822	3.533	227.647
1.001	14.833								
1/14/2017 10:45:00 AM	218700.000	26.628	16.905	60.693	4393.688	5197.208	2.822	3.534	227.599
1.001	14.831								
1/14/2017 11:00:00 AM	219600.000	26.623	16.905	60.683	4393.540	5197.116	2.822	3.534	227.607
1.001	14.828								
1/14/2017 11:15:00 AM	220500.000	26.621	16.905	60.678	4394.482	5198.222	2.823	3.535	227.558
1.001	14.828								
1/14/2017 11:30:00 AM	221400.000	26.627	16.904	60.691	4394.786	5198.631	2.823	3.535	227.542
1.001	14.827								
1/14/2017 11:45:00 AM	222300.000	26.630	16.904	60.698	4396.924	5201.150	2.825	3.537	227.432
1.001	14.814								
1/14/2017 12:00:00 PM	223200.000	26.629	16.904	60.696	4397.853	5202.311	2.825	3.538	227.384
1.001	14.818								
1/14/2017 12:15:00 PM	224100.000	26.631	16.903	60.700	4399.303	5204.088	2.826	3.539	227.309
1.001	14.811								
1/14/2017 12:30:00 PM	225000.000	26.637	16.904	60.715	4401.252	5206.332	2.828	3.540	227.208
1.001	14.810								
1/14/2017 12:45:00 PM	225900.000	26.639	16.903	60.718	4403.570	5209.167	2.829	3.542	227.088
1.001	14.803								
1/14/2017 1:00:00 PM	226800.000	26.633	16.902	60.705	4405.669	5211.753	2.831	3.544	226.980
1.001	14.801								
1/14/2017 1:15:00 PM	227700.000	26.637	16.903	60.715	4407.348	5213.667	2.832	3.545	226.894
1.001	14.793								
1/14/2017 1:30:00 PM	228600.000	26.643	16.902	60.727	4409.144	5215.842	2.833	3.547	226.801
1.001	14.794								
1/14/2017 1:45:00 PM	229500.000	26.637	16.903	60.715	4410.430	5217.313	2.834	3.548	226.735
1.001	14.792								
1/14/2017 2:00:00 PM	230400.000	26.635	16.903	60.709	4411.474	5218.579	2.835	3.549	226.682
1.001	14.795								
1/14/2017 2:15:00 PM	231300.000	26.637	16.903	60.715	4413.514	5220.992	2.836	3.550	226.577
1.001	14.794								
1/14/2017 2:30:00 PM	232200.000	26.633	16.902	60.704	4414.188	5221.861	2.837	3.551	226.542
1.001	14.799								
1/14/2017 2:45:00 PM	233100.000	26.631	16.903	60.700	4414.546	5222.212	2.837	3.551	226.524
1.001	14.801								
1/14/2017 3:00:00 PM	234000.000	26.633	16.903	60.704	4412.904	5220.198	2.836	3.550	226.608
1.001	14.793								
1/14/2017 3:15:00 PM	234900.000	26.644	16.903	60.730	4411.618	5218.758	2.835	3.549	226.674
1.001	14.785								
1/14/2017 3:30:00 PM	235800.000	26.635	16.903	60.710	4409.676	5216.359	2.833	3.547	226.774
1.001	14.794								
1/14/2017 3:45:00 PM	236700.000	26.632	16.903	60.703	4410.160	5216.952	2.834	3.548	226.749
1.001	14.794								
1/14/2017 4:00:00 PM	237600.000	26.626	16.903	60.688	4408.535	5215.051	2.833	3.546	226.833
1.001	14.797								
1/14/2017 4:15:00 PM	238500.000	26.630	16.904	60.697	4408.184	5214.531	2.832	3.546	226.851

1.001	14.796									
1/14/2017 4:30:00 PM	239400.000	26.622	16.904	60.680	4406.720	5212.738	2.831	3.545	226.926	
1.001	14.805									
1/14/2017 4:45:00 PM	240300.000	26.625	16.904	60.687	4405.773	5211.701	2.831	3.544	226.975	
1.001	14.800									
1/14/2017 5:00:00 PM	241200.000	26.614	16.904	60.660	4403.669	5209.150	2.829	3.542	227.083	
1.001	14.804									
1/14/2017 5:15:00 PM	242100.000	26.626	16.904	60.688	4403.267	5208.685	2.829	3.542	227.104	
1.001	14.794									
1/14/2017 5:30:00 PM	243000.000	26.623	16.905	60.681	4401.734	5206.737	2.828	3.541	227.183	
1.001	14.795									
1/14/2017 5:45:00 PM	243900.000	26.629	16.905	60.696	4400.870	5205.787	2.827	3.540	227.228	
1.001	14.791									
1/14/2017 6:00:00 PM	244800.000	26.619	16.905	60.674	4399.575	5204.193	2.826	3.539	227.295	
1.001	14.797									
1/14/2017 6:15:00 PM	245700.000	26.618	16.905	60.671	4399.014	5203.591	2.826	3.538	227.324	
1.001	14.801									
1/14/2017 6:30:00 PM	246600.000	26.617	16.905	60.668	4398.195	5202.561	2.825	3.538	227.366	
1.001	14.795									
1/14/2017 6:45:00 PM	247500.000	26.614	16.905	60.662	4396.920	5201.052	2.825	3.537	227.432	
1.001	14.800									
1/14/2017 7:00:00 PM	248400.000	26.625	16.906	60.686	4396.595	5200.605	2.824	3.536	227.449	
1.001	14.791									
1/14/2017 7:15:00 PM	249300.000	26.619	16.905	60.672	4395.474	5199.321	2.824	3.536	227.507	
1.001	14.793									
1/14/2017 7:30:00 PM	250200.000	26.613	16.906	60.658	4393.371	5196.792	2.822	3.534	227.616	
1.001	14.796									
1/14/2017 7:45:00 PM	251100.000	26.621	16.906	60.678	4392.470	5195.654	2.821	3.533	227.662	
1.001	14.792									
1/14/2017 8:00:00 PM	252000.000	26.618	16.907	60.670	4392.385	5195.524	2.821	3.533	227.667	
1.001	14.793									
1/14/2017 8:15:00 PM	252900.000	26.607	16.907	60.645	4391.326	5194.260	2.821	3.532	227.722	
1.001	14.805									
1/14/2017 8:30:00 PM	253800.000	26.620	16.907	60.676	4390.347	5193.102	2.820	3.531	227.772	
1.001	14.792									
1/14/2017 8:45:00 PM	254700.000	26.612	16.907	60.658	4389.651	5192.208	2.819	3.531	227.809	
1.001	14.797									
1/14/2017 9:00:00 PM	255600.000	26.621	16.907	60.677	4388.222	5190.547	2.818	3.530	227.883	
1.001	14.791									
1/14/2017 9:15:00 PM	256500.000	26.606	16.907	60.643	4386.973	5189.069	2.818	3.529	227.948	
1.001	14.800									
1/14/2017 9:30:00 PM	257400.000	26.612	16.908	60.658	4386.514	5188.414	2.817	3.528	227.971	
1.001	14.793									
1/14/2017 9:45:00 PM	258300.000	26.610	16.908	60.652	4384.519	5186.117	2.816	3.527	228.075	
1.001	14.794									
1/14/2017 10:00:00 PM	259200.000	26.611	16.908	60.655	4383.324	5184.651	2.815	3.526	228.137	
1.001	14.792									
1/14/2017 10:15:00 PM	260100.000	26.611	16.908	60.656	4382.252	5183.384	2.814	3.525	228.193	
1.001	14.792									
1/14/2017 10:30:00 PM	261000.000	26.608	16.908	60.648	4382.459	5183.587	2.814	3.525	228.182	
1.001	14.794									
1/14/2017 10:45:00 PM	261900.000	26.604	16.908	60.639	4381.667	5182.651	2.814	3.524	228.224	
1.001	14.797									
1/14/2017 11:00:00 PM	262800.000	26.614	16.909	60.661	4379.884	5180.491	2.813	3.523	228.317	
1.001	14.791									
1/14/2017 11:15:00 PM	263700.000	26.607	16.908	60.645	4379.805	5180.458	2.813	3.523	228.321	
1.001	14.795									
1/14/2017 11:30:00 PM	264600.000	26.607	16.909	60.646	4378.167	5178.429	2.811	3.521	228.406	
1.001	14.796									
1/14/2017 11:45:00 PM	265500.000	26.597	16.909	60.623	4377.699	5177.864	2.811	3.521	228.431	
1.001	14.802									
1/15/2017 12:00:00 AM	266400.000	26.601	16.909	60.632	4376.248	5176.190	2.810	3.520	228.506	
1.001	14.797									
1/15/2017 12:15:00 AM	267300.000	26.597	16.909	60.623	4375.834	5175.669	2.810	3.519	228.528	
1.001	14.799									
1/15/2017 12:30:00 AM	268200.000	26.603	16.909	60.637	4374.682	5174.275	2.809	3.519	228.588	
1.001	14.796									
1/15/2017 12:45:00 AM	269100.000	26.601	16.910	60.633	4374.695	5174.209	2.809	3.518	228.587	
1.001	14.790									
1/15/2017 1:00:00 AM	270000.000	26.598	16.910	60.625	4374.380	5173.877	2.809	3.518	228.604	
1.001	14.793									
1/15/2017 1:15:00 AM	270900.000	26.599	16.909	60.627	4374.183	5173.685	2.809	3.518	228.614	
1.001	14.794									
1/15/2017 1:30:00 AM	271800.000	26.606	16.910	60.643	4373.851	5173.243	2.808	3.518	228.631	
1.001	14.786									
1/15/2017 1:45:00 AM	272700.000	26.602	16.910	60.634	4374.075	5173.496	2.809	3.518	228.620	
1.001	14.793									
1/15/2017 2:00:00 AM	273600.000	26.598	16.909	60.625	4374.388	5173.948	2.809	3.518	228.603	
1.001	14.794									
1/15/2017 2:15:00 AM	274500.000	26.611	16.909	60.655	4374.337	5173.879	2.809	3.518	228.606	
1.001	14.786									
1/15/2017 2:30:00 AM	275400.000	26.604	16.909	60.638	4374.548	5174.209	2.809	3.518	228.595	
1.001	14.796									
1/15/2017 2:45:00 AM	276300.000	26.596	16.909	60.620	4374.294	5173.828	2.809	3.518	228.608	
1.001	14.800									
1/15/2017 3:00:00 AM	277200.000	26.604	16.910	60.638	4374.437	5173.945	2.809	3.518	228.601	
1.001	14.793									
1/15/2017 3:15:00 AM	278100.000	26.595	16.910	60.618	4374.080	5173.493	2.809	3.518	228.620	
1.001	14.798									

1/15/2017 3:30:00 AM 1.001	279000.000 14.794	26.602	16.910	60.634	4373.835	5173.224	2.808	3.518	228.632
1/15/2017 3:45:00 AM 1.001	279900.000 14.792	26.606	16.909	60.644	4373.895	5173.355	2.809	3.518	228.629
1/15/2017 4:00:00 AM 1.001	280800.000 14.798	26.604	16.910	60.639	4374.267	5173.723	2.809	3.518	228.610
1/15/2017 4:15:00 AM 1.001	281700.000 14.798	26.594	16.910	60.616	4373.631	5172.992	2.808	3.518	228.643
1/15/2017 4:30:00 AM 1.001	282600.000 14.788	26.606	16.909	60.642	4373.689	5173.092	2.808	3.518	228.640
1/15/2017 4:45:00 AM 1.001	283500.000 14.791	26.599	16.910	60.627	4373.169	5172.363	2.808	3.517	228.667
1/15/2017 5:00:00 AM 1.001	284400.000 14.787	26.604	16.910	60.638	4373.099	5172.270	2.808	3.517	228.671
1/15/2017 5:15:00 AM 1.001	285300.000 14.792	26.597	16.911	60.622	4372.663	5171.724	2.808	3.517	228.694
1/15/2017 5:30:00 AM 1.001	286200.000 14.790	26.600	16.910	60.629	4372.360	5171.396	2.807	3.517	228.709
1/15/2017 5:45:00 AM 1.001	287100.000 14.792	26.595	16.911	60.619	4372.087	5171.042	2.807	3.516	228.724
1/15/2017 6:00:00 AM 1.001	288000.000 14.786	26.602	16.911	60.634	4371.391	5170.240	2.807	3.516	228.760
1/15/2017 6:15:00 AM 1.001	288900.000 14.793	26.596	16.910	60.620	4371.225	5170.064	2.807	3.516	228.769
1/15/2017 6:30:00 AM 1.001	289800.000 14.792	26.597	16.911	60.622	4370.744	5169.423	2.806	3.515	228.794
1/15/2017 6:45:00 AM 1.001	290700.000 14.786	26.600	16.911	60.629	4369.459	5167.894	2.805	3.514	228.861
1/15/2017 7:00:00 AM 1.001	291600.000 14.789	26.596	16.912	60.620	4369.627	5168.021	2.805	3.514	228.852
1/15/2017 7:15:00 AM 1.001	292500.000 14.789	26.595	16.911	60.619	4368.841	5167.143	2.805	3.514	228.894
1/15/2017 7:30:00 AM 1.001	293400.000 14.787	26.594	16.911	60.616	4368.024	5166.177	2.804	3.513	228.936
1/15/2017 7:45:00 AM 1.001	294300.000 14.786	26.594	16.911	60.617	4367.271	5165.265	2.804	3.512	228.976
1/15/2017 8:00:00 AM 1.001	295200.000 14.793	26.593	16.912	60.613	4365.789	5163.451	2.803	3.511	229.054
1/15/2017 8:15:00 AM 1.001	296100.000 14.792	26.593	16.912	60.613	4365.085	5162.627	2.802	3.511	229.091
1/15/2017 8:30:00 AM 1.001	297000.000 14.794	26.589	16.912	60.604	4364.729	5162.165	2.802	3.510	229.109
1/15/2017 8:45:00 AM 1.001	297900.000 14.799	26.592	16.912	60.612	4364.008	5161.365	2.802	3.510	229.147
1/15/2017 9:00:00 AM 1.001	298800.000 14.803	26.587	16.912	60.601	4362.735	5159.848	2.801	3.509	229.214
1/15/2017 9:15:00 AM 1.001	299700.000 14.804	26.587	16.912	60.600	4361.730	5158.599	2.800	3.508	229.267
1/15/2017 9:30:00 AM 1.001	300600.000 14.803	26.587	16.913	60.601	4360.409	5157.006	2.799	3.507	229.336
1/15/2017 9:45:00 AM 1.001	301500.000 14.806	26.587	16.913	60.601	4359.684	5156.107	2.799	3.506	229.374
1/15/2017 10:00:00 AM 1.001	302400.000 14.806	26.590	16.913	60.606	4358.659	5154.876	2.798	3.505	229.428
1/15/2017 10:15:00 AM 1.001	303300.000 14.812	26.583	16.913	60.591	4357.473	5153.473	2.797	3.504	229.491
1/15/2017 10:30:00 AM 1.001	304200.000 14.814	26.580	16.913	60.585	4356.970	5152.868	2.797	3.504	229.517
1/15/2017 10:45:00 AM 1.001	305100.000 14.811	26.583	16.913	60.592	4356.823	5152.694	2.797	3.504	229.525
1/15/2017 11:00:00 AM 1.001	306000.000 14.809	26.584	16.913	60.593	4356.279	5152.062	2.796	3.503	229.554
1/15/2017 11:15:00 AM 1.001	306900.000 14.803	26.586	16.913	60.597	4356.033	5151.779	2.796	3.503	229.567
1/15/2017 11:30:00 AM 1.001	307800.000 14.803	26.588	16.914	60.602	4356.035	5151.679	2.796	3.503	229.567
1/15/2017 11:45:00 AM 1.001	308700.000 14.799	26.586	16.913	60.599	4357.341	5153.286	2.797	3.504	229.498
1/15/2017 12:00:00 PM 1.001	309600.000 14.793	26.595	16.913	60.619	4358.181	5154.319	2.798	3.505	229.454
1/15/2017 12:15:00 PM 1.001	310500.000 14.792	26.596	16.913	60.619	4358.978	5155.303	2.798	3.506	229.412
1/15/2017 12:30:00 PM 1.001	311400.000 14.782	26.602	16.911	60.633	4360.637	5157.409	2.799	3.507	229.324
1/15/2017 12:45:00 PM 1.001	312300.000 14.778	26.604	16.913	60.639	4362.549	5159.517	2.801	3.508	229.224
1/15/2017 1:00:00 PM 1.001	313200.000 14.773	26.603	16.912	60.637	4364.739	5162.240	2.802	3.510	229.109
1/15/2017 1:15:00 PM 1.001	314100.000 14.769	26.606	16.911	60.643	4366.246	5164.062	2.803	3.512	229.030
1/15/2017 1:30:00 PM 1.001	315000.000 14.779	26.597	16.911	60.622	4368.111	5166.310	2.804	3.513	228.932
1/15/2017 1:45:00 PM 1.001	315900.000 14.769	26.607	16.911	60.645	4369.305	5167.712	2.805	3.514	228.869
1/15/2017 2:00:00 PM 1.001	316800.000 14.770	26.609	16.911	60.650	4372.349	5171.313	2.807	3.516	228.710
1/15/2017 2:15:00 PM 1.001	317700.000 14.778	26.595	16.912	60.617	4373.143	5172.169	2.808	3.517	228.668

1/15/2017 2:30:00 PM 1.001	318600.000 14.780	26.596	16.912	60.622	4374.508	5173.804	2.809	3.518	228.597
1/15/2017 2:45:00 PM 1.001	319500.000 14.774	26.603	16.911	60.637	4375.295	5174.745	2.809	3.519	228.556
1/15/2017 3:00:00 PM 1.001	320400.000 14.770	26.600	16.911	60.630	4376.013	5175.593	2.810	3.519	228.519
1/15/2017 3:15:00 PM 1.001	321300.000 14.774	26.595	16.912	60.619	4375.914	5175.394	2.810	3.519	228.524
1/15/2017 3:30:00 PM 1.001	322200.000 14.777	26.601	16.912	60.632	4376.040	5175.575	2.810	3.519	228.517
1/15/2017 3:45:00 PM 1.001	323100.000 14.773	26.603	16.912	60.635	4374.619	5173.924	2.809	3.518	228.591
1/15/2017 4:00:00 PM 1.001	324000.000 14.776	26.596	16.912	60.620	4373.751	5172.868	2.808	3.518	228.637
1/15/2017 4:15:00 PM 1.001	324900.000 14.781	26.595	16.912	60.618	4374.350	5173.577	2.809	3.518	228.605
1/15/2017 4:30:00 PM 1.001	325800.000 14.772	26.598	16.912	60.624	4372.549	5171.385	2.807	3.517	228.700
1/15/2017 4:45:00 PM 1.001	326700.000 14.779	26.592	16.913	60.610	4371.885	5170.579	2.807	3.516	228.734
1/15/2017 5:00:00 PM 1.001	327600.000 14.776	26.590	16.913	60.607	4371.178	5169.753	2.806	3.515	228.771
1/15/2017 5:15:00 PM 1.001	328500.000 14.772	26.595	16.913	60.619	4369.329	5167.504	2.805	3.514	228.868
1/15/2017 5:30:00 PM 1.001	329400.000 14.784	26.580	16.913	60.585	4368.484	5166.464	2.805	3.513	228.912
1/15/2017 5:45:00 PM 1.001	330300.000 14.778	26.592	16.913	60.612	4367.200	5164.978	2.804	3.512	228.980
1/15/2017 6:00:00 PM 1.001	331200.000 14.779	26.586	16.914	60.597	4366.133	5163.632	2.803	3.511	229.036
1/15/2017 6:15:00 PM 1.001	332100.000 14.773	26.594	16.914	60.617	4365.208	5162.528	2.802	3.511	229.084
1/15/2017 6:30:00 PM 1.001	333000.000 14.781	26.585	16.913	60.595	4362.616	5159.514	2.801	3.508	229.220
1/15/2017 6:45:00 PM 1.001	333900.000 14.780	26.591	16.914	60.610	4361.993	5158.757	2.800	3.508	229.253
1/15/2017 7:00:00 PM 1.001	334800.000 14.790	26.577	16.914	60.576	4360.637	5157.102	2.799	3.507	229.324
1/15/2017 7:15:00 PM 1.001	335700.000 14.784	26.580	16.915	60.584	4359.245	5155.395	2.798	3.506	229.398
1/15/2017 7:30:00 PM 1.001	336600.000 14.786	26.581	16.914	60.586	4357.743	5153.680	2.797	3.505	229.477
1/15/2017 7:45:00 PM 1.001	337500.000 14.787	26.573	16.915	60.569	4356.699	5152.291	2.796	3.504	229.532
1/15/2017 8:00:00 PM 1.001	338400.000 14.794	26.571	16.915	60.564	4354.980	5150.299	2.795	3.502	229.622
1/15/2017 8:15:00 PM 1.001	339300.000 14.786	26.581	16.916	60.587	4353.787	5148.798	2.794	3.501	229.685
1/15/2017 8:30:00 PM 1.001	340200.000 14.790	26.574	16.915	60.571	4353.571	5148.645	2.794	3.501	229.696
1/15/2017 8:45:00 PM 1.001	341100.000 14.792	26.573	16.916	60.568	4351.795	5146.421	2.793	3.500	229.790
1/15/2017 9:00:00 PM 1.001	342000.000 14.792	26.572	16.916	60.565	4351.255	5145.823	2.793	3.499	229.819
1/15/2017 9:15:00 PM 1.001	342900.000 14.795	26.564	16.916	60.549	4350.313	5144.679	2.792	3.498	229.868
1/15/2017 9:30:00 PM 1.001	343800.000 14.792	26.573	16.917	60.567	4349.156	5143.218	2.791	3.497	229.930
1/15/2017 9:45:00 PM 1.001	344700.000 14.792	26.574	16.917	60.571	4348.086	5141.964	2.790	3.497	229.986
1/15/2017 10:00:00 PM 1.001	345600.000 14.790	26.573	16.917	60.568	4346.938	5140.616	2.790	3.496	230.047
1/15/2017 10:15:00 PM 1.001	346500.000 14.792	26.567	16.917	60.555	4346.645	5140.249	2.789	3.495	230.063
1/15/2017 10:30:00 PM 1.001	347400.000 14.798	26.563	16.916	60.545	4344.847	5138.163	2.788	3.494	230.158
1/15/2017 10:45:00 PM 1.001	348300.000 14.800	26.563	16.918	60.544	4344.329	5137.418	2.788	3.493	230.185
1/15/2017 11:00:00 PM 1.001	349200.000 14.801	26.566	16.917	60.552	4343.458	5136.399	2.787	3.493	230.231
1/15/2017 11:15:00 PM 1.001	350100.000 14.796	26.570	16.918	60.562	4342.837	5135.654	2.787	3.492	230.264
1/15/2017 11:30:00 PM 1.001	351000.000 14.811	26.554	16.917	60.526	4342.104	5134.848	2.786	3.492	230.303
1/15/2017 11:45:00 PM 1.001	351900.000 14.800	26.563	16.918	60.545	4342.149	5134.790	2.786	3.492	230.301
1/16/2017 12:00:00 AM 1.001	352800.000 14.797	26.564	16.918	60.548	4340.786	5133.188	2.785	3.491	230.373
1/16/2017 12:15:00 AM 1.001	353700.000 14.797	26.563	16.917	60.546	4339.821	5132.099	2.785	3.490	230.424
1/16/2017 12:30:00 AM 1.001	354600.000 14.794	26.567	16.918	60.554	4339.328	5131.474	2.784	3.489	230.450
1/16/2017 12:45:00 AM 1.001	355500.000 14.793	26.565	16.918	60.549	4338.143	5130.011	2.784	3.488	230.513
1/16/2017 1:00:00 AM 1.001	356400.000 14.792	26.560	16.918	60.539	4338.955	5130.971	2.784	3.489	230.470
1/16/2017 1:15:00 AM 1.001	357300.000 14.791	26.565	16.919	60.551	4339.243	5131.271	2.784	3.489	230.455
1/16/2017 1:30:00 AM	358200.000	26.564	16.918	60.547	4339.533	5131.726	2.785	3.490	230.440

1.001	14.789								
1/16/2017 1:45:00 AM	359100.000	26.566	16.918	60.551	4339.255	5131.397	2.784	3.489	230.454
1.001	14.788								
1/16/2017 2:00:00 AM	360000.000	26.567	16.918	60.555	4340.039	5132.293	2.785	3.490	230.413
1.001	14.788								
1/16/2017 2:15:00 AM	360900.000	26.569	16.918	60.558	4340.528	5132.893	2.785	3.490	230.387
1.001	14.782								
1/16/2017 2:30:00 AM	361800.000	26.575	16.918	60.573	4341.064	5133.526	2.786	3.491	230.358
1.001	14.775								
1/16/2017 2:45:00 AM	362700.000	26.575	16.918	60.573	4342.082	5134.689	2.786	3.492	230.304
1.001	14.779								
1/16/2017 3:00:00 AM	363600.000	26.574	16.918	60.571	4342.581	5135.280	2.787	3.492	230.278
1.001	14.779								
1/16/2017 3:15:00 AM	364500.000	26.574	16.917	60.569	4343.945	5137.005	2.788	3.493	230.205
1.001	14.784								
1/16/2017 3:30:00 AM	365400.000	26.570	16.918	60.562	4345.499	5138.802	2.789	3.494	230.123
1.001	14.789								
1/16/2017 3:45:00 AM	366300.000	26.570	16.918	60.562	4346.124	5139.489	2.789	3.495	230.090
1.001	14.785								
1/16/2017 4:00:00 AM	367200.000	26.564	16.918	60.548	4346.714	5140.229	2.789	3.495	230.059
1.001	14.788								
1/16/2017 4:15:00 AM	368100.000	26.580	16.917	60.584	4346.262	5139.775	2.789	3.495	230.083
1.001	14.782								
1/16/2017 4:30:00 AM	369000.000	26.577	16.918	60.577	4346.556	5140.031	2.789	3.495	230.067
1.001	14.784								
1/16/2017 4:45:00 AM	369900.000	26.570	16.918	60.561	4347.184	5140.794	2.790	3.496	230.034
1.001	14.785								
1/16/2017 5:00:00 AM	370800.000	26.572	16.918	60.565	4347.820	5141.547	2.790	3.496	230.000
1.001	14.780								
1/16/2017 5:15:00 AM	371700.000	26.566	16.918	60.552	4348.744	5142.619	2.791	3.497	229.951
1.001	14.793								
1/16/2017 5:30:00 AM	372600.000	26.569	16.918	60.558	4348.201	5141.987	2.790	3.497	229.980
1.001	14.792								
1/16/2017 5:45:00 AM	373500.000	26.563	16.918	60.544	4348.435	5142.243	2.791	3.497	229.968
1.001	14.796								
1/16/2017 6:00:00 AM	374400.000	26.563	16.918	60.546	4347.792	5141.482	2.790	3.496	230.002
1.001	14.795								
1/16/2017 6:15:00 AM	375300.000	26.565	16.919	60.551	4347.321	5140.845	2.790	3.496	230.027
1.001	14.792								
1/16/2017 6:30:00 AM	376200.000	26.564	16.918	60.549	4346.083	5139.421	2.789	3.495	230.092
1.001	14.793								
1/16/2017 6:45:00 AM	377100.000	26.562	16.918	60.543	4345.230	5138.392	2.788	3.494	230.137
1.001	14.798								
1/16/2017 7:00:00 AM	378000.000	26.573	16.919	60.568	4345.255	5138.381	2.788	3.494	230.136
1.001	14.789								
1/16/2017 7:15:00 AM	378900.000	26.559	16.919	60.537	4344.067	5136.925	2.788	3.493	230.199
1.001	14.802								
1/16/2017 7:30:00 AM	379800.000	26.562	16.919	60.543	4343.634	5136.443	2.787	3.493	230.222
1.001	14.797								
1/16/2017 7:45:00 AM	380700.000	26.559	16.919	60.535	4342.376	5134.936	2.786	3.492	230.289
1.001	14.800								
1/16/2017 8:00:00 AM	381600.000	26.566	16.919	60.552	4341.534	5133.909	2.786	3.491	230.333
1.001	14.792								
1/16/2017 8:15:00 AM	382500.000	26.557	16.919	60.532	4340.670	5132.888	2.785	3.490	230.379
1.001	14.803								
1/16/2017 8:30:00 AM	383400.000	26.551	16.919	60.517	4339.601	5131.603	2.784	3.489	230.436
1.001	14.808								
1/16/2017 8:45:00 AM	384300.000	26.555	16.921	60.527	4338.226	5129.855	2.783	3.488	230.509
1.001	14.805								
1/16/2017 9:00:00 AM	385200.000	26.551	16.920	60.517	4337.448	5129.017	2.783	3.488	230.550
1.001	14.808								
1/16/2017 9:15:00 AM	386100.000	26.552	16.920	60.521	4336.140	5127.470	2.782	3.487	230.620
1.001	14.809								
1/16/2017 9:30:00 AM	387000.000	26.561	16.920	60.542	4335.717	5127.001	2.782	3.486	230.642
1.001	14.801								
1/16/2017 9:45:00 AM	387900.000	26.553	16.920	60.522	4334.263	5125.189	2.781	3.485	230.720
1.001	14.807								
1/16/2017 10:00:00 AM	388800.000	26.550	16.920	60.516	4333.088	5123.811	2.780	3.484	230.782
1.001	14.812								
1/16/2017 10:15:00 AM	389700.000	26.552	16.921	60.521	4332.907	5123.556	2.780	3.484	230.792
1.001	14.809								
1/16/2017 10:30:00 AM	390600.000	26.550	16.921	60.515	4332.565	5123.141	2.780	3.484	230.810
1.001	14.815								
1/16/2017 10:45:00 AM	391500.000	26.548	16.921	60.510	4332.417	5122.905	2.779	3.484	230.818
1.001	14.811								
1/16/2017 11:00:00 AM	392400.000	26.546	16.921	60.507	4331.825	5122.196	2.779	3.483	230.850
1.001	14.809								
1/16/2017 11:15:00 AM	393300.000	26.550	16.921	60.515	4330.242	5120.354	2.778	3.482	230.934
1.001	14.809								
1/16/2017 11:30:00 AM	394200.000	26.545	16.921	60.505	4330.271	5120.338	2.778	3.482	230.932
1.001	14.811								
1/16/2017 11:45:00 AM	395100.000	26.552	16.921	60.520	4330.325	5120.462	2.778	3.482	230.930
1.001	14.806								
1/16/2017 12:00:00 PM	396000.000	26.557	16.921	60.533	4330.633	5120.766	2.778	3.482	230.913
1.001	14.795								
1/16/2017 12:15:00 PM	396900.000	26.553	16.921	60.524	4331.687	5122.073	2.779	3.483	230.857
1.001	14.792								
1/16/2017 12:30:00 PM	397800.000	26.559	16.921	60.537	4332.332	5122.815	2.779	3.484	230.823

1.001	14.790									
1/16/2017 12:45:00 PM	398700.000	26.554	16.920	60.526	4332.816	5123.479	2.780	3.484	230.797	
1.001	14.788									
1/16/2017 1:00:00 PM	399600.000	26.550	16.920	60.515	4333.394	5124.182	2.780	3.484	230.766	
1.001	14.786									
1/16/2017 1:15:00 PM	400500.000	26.559	16.920	60.536	4335.466	5126.623	2.782	3.486	230.656	
1.001	14.779									
1/16/2017 1:30:00 PM	401400.000	26.566	16.920	60.551	4336.642	5128.043	2.782	3.487	230.593	
1.001	14.778									
1/16/2017 1:45:00 PM	402300.000	26.562	16.920	60.543	4338.943	5130.796	2.784	3.489	230.471	
1.001	14.777									
1/16/2017 2:00:00 PM	403200.000	26.571	16.919	60.562	4340.666	5132.862	2.785	3.490	230.379	
1.001	14.770									
1/16/2017 2:15:00 PM	404100.000	26.567	16.919	60.554	4342.850	5135.446	2.787	3.492	230.264	
1.001	14.773									
1/16/2017 2:30:00 PM	405000.000	26.566	16.919	60.552	4345.073	5138.104	2.788	3.494	230.146	
1.001	14.775									
1/16/2017 2:45:00 PM	405900.000	26.563	16.919	60.546	4346.084	5139.341	2.789	3.495	230.092	
1.001	14.775									
1/16/2017 3:00:00 PM	406800.000	26.574	16.919	60.570	4346.942	5140.334	2.790	3.495	230.047	
1.001	14.770									
1/16/2017 3:15:00 PM	407700.000	26.570	16.919	60.560	4348.226	5141.915	2.790	3.497	229.979	
1.001	14.771									
1/16/2017 3:30:00 PM	408600.000	26.569	16.919	60.559	4348.296	5141.968	2.790	3.497	229.975	
1.001	14.769									
1/16/2017 3:45:00 PM	409500.000	26.569	16.919	60.560	4348.768	5142.525	2.791	3.497	229.950	
1.001	14.771									
1/16/2017 4:00:00 PM	410400.000	26.566	16.919	60.552	4349.258	5143.063	2.791	3.497	229.924	
1.001	14.769									
1/16/2017 4:15:00 PM	411300.000	26.565	16.919	60.549	4349.303	5143.086	2.791	3.497	229.922	
1.001	14.771									
1/16/2017 4:30:00 PM	412200.000	26.555	16.920	60.528	4350.116	5144.028	2.792	3.498	229.879	
1.001	14.775									
1/16/2017 4:45:00 PM	413100.000	26.563	16.919	60.546	4350.142	5144.078	2.792	3.498	229.878	
1.001	14.770									
1/16/2017 5:00:00 PM	414000.000	26.565	16.919	60.550	4349.528	5143.372	2.791	3.497	229.910	
1.001	14.765									
1/16/2017 5:15:00 PM	414900.000	26.561	16.919	60.540	4349.067	5142.808	2.791	3.497	229.934	
1.001	14.772									
1/16/2017 5:30:00 PM	415800.000	26.560	16.920	60.537	4349.063	5142.721	2.791	3.497	229.935	
1.001	14.770									
1/16/2017 5:45:00 PM	416700.000	26.557	16.919	60.532	4348.305	5141.896	2.790	3.496	229.975	
1.001	14.776									
1/16/2017 6:00:00 PM	417600.000	26.557	16.920	60.531	4347.929	5141.422	2.790	3.496	229.995	
1.001	14.775									
1/16/2017 6:15:00 PM	418500.000	26.560	16.920	60.539	4347.063	5140.408	2.790	3.495	230.040	
1.001	14.770									
1/16/2017 6:30:00 PM	419400.000	26.561	16.920	60.540	4345.778	5138.797	2.789	3.494	230.108	
1.001	14.769									
1/16/2017 6:45:00 PM	420300.000	26.552	16.921	60.521	4344.255	5136.944	2.788	3.493	230.189	
1.001	14.771									
1/16/2017 7:00:00 PM	421200.000	26.559	16.920	60.537	4343.125	5135.660	2.787	3.492	230.249	
1.001	14.769									
1/16/2017 7:15:00 PM	422100.000	26.553	16.921	60.523	4340.708	5132.688	2.785	3.490	230.377	
1.001	14.771									
1/16/2017 7:30:00 PM	423000.000	26.551	16.921	60.519	4339.726	5131.558	2.784	3.489	230.429	
1.001	14.775									
1/16/2017 7:45:00 PM	423900.000	26.553	16.921	60.522	4338.033	5129.536	2.783	3.488	230.519	
1.001	14.770									
1/16/2017 8:00:00 PM	424800.000	26.555	16.921	60.528	4336.959	5128.277	2.783	3.487	230.576	
1.001	14.771									
1/16/2017 8:15:00 PM	425700.000	26.552	16.923	60.520	4335.831	5126.770	2.782	3.486	230.636	
1.001	14.773									
1/16/2017 8:30:00 PM	426600.000	26.549	16.922	60.513	4333.849	5124.457	2.780	3.485	230.742	
1.001	14.779									
1/16/2017 8:45:00 PM	427500.000	26.543	16.922	60.501	4333.044	5123.505	2.780	3.484	230.785	
1.001	14.784									
1/16/2017 9:00:00 PM	428400.000	26.534	16.923	60.479	4331.617	5121.767	2.779	3.483	230.861	
1.001	14.790									
1/16/2017 9:15:00 PM	429300.000	26.539	16.923	60.490	4330.225	5120.121	2.778	3.482	230.935	
1.001	14.786									
1/16/2017 9:30:00 PM	430200.000	26.544	16.923	60.502	4329.928	5119.780	2.778	3.481	230.951	
1.001	14.778									
1/16/2017 9:45:00 PM	431100.000	26.542	16.924	60.497	4327.876	5117.263	2.776	3.480	231.060	
1.001	14.784									
1/16/2017 10:00:00 PM	432000.000	26.538	16.924	60.489	4326.550	5115.633	2.775	3.479	231.131	
1.001	14.785									
1/16/2017 10:15:00 PM	432900.000	26.543	16.924	60.499	4325.115	5113.968	2.774	3.477	231.208	
1.001	14.779									
1/16/2017 10:30:00 PM	433800.000	26.536	16.924	60.484	4324.170	5112.839	2.774	3.477	231.258	
1.001	14.779									
1/16/2017 10:45:00 PM	434700.000	26.536	16.924	60.483	4324.361	5113.025	2.774	3.477	231.248	
1.001	14.784									
1/16/2017 11:00:00 PM	435600.000	26.532	16.924	60.474	4323.689	5112.282	2.773	3.476	231.284	
1.001	14.785									
1/16/2017 11:15:00 PM	436500.000	26.532	16.924	60.475	4322.514	5110.852	2.773	3.475	231.347	
1.001	14.780									
1/16/2017 11:30:00 PM	437400.000	26.538	16.924	60.488	4321.382	5109.493	2.772	3.474	231.407	
1.001	14.774									

1/16/2017 11:45:00 PM	438300.000	26.538	16.924	60.487	4321.044	5109.083	2.771	3.474	231.426
1.001	14.776								
1/17/2017 12:00:00 AM	439200.000	26.539	16.925	60.491	4319.979	5107.774	2.771	3.473	231.483
1.001	14.778								
1/17/2017 12:15:00 AM	440100.000	26.534	16.925	60.480	4319.230	5106.837	2.770	3.473	231.523
1.001	14.775								
1/17/2017 12:30:00 AM	441000.000	26.532	16.925	60.474	4319.200	5106.802	2.770	3.473	231.524
1.001	14.776								
1/17/2017 12:45:00 AM	441900.000	26.531	16.926	60.471	4318.728	5106.223	2.770	3.472	231.550
1.001	14.775								
1/17/2017 1:00:00 AM	442800.000	26.529	16.925	60.467	4317.875	5105.246	2.769	3.472	231.595
1.001	14.780								
1/17/2017 1:15:00 AM	443700.000	26.535	16.925	60.481	4318.162	5105.574	2.769	3.472	231.580
1.001	14.774								
1/17/2017 1:30:00 AM	444600.000	26.534	16.925	60.479	4317.486	5104.786	2.769	3.471	231.616
1.001	14.775								
1/17/2017 1:45:00 AM	445500.000	26.530	16.925	60.469	4318.185	5105.612	2.769	3.472	231.579
1.001	14.782								
1/17/2017 2:00:00 AM	446400.000	26.531	16.925	60.473	4318.015	5105.411	2.769	3.472	231.588
1.001	14.780								
1/17/2017 2:15:00 AM	447300.000	26.538	16.925	60.488	4317.953	5105.358	2.769	3.472	231.591
1.001	14.775								
1/17/2017 2:30:00 AM	448200.000	26.533	16.926	60.478	4318.153	5105.533	2.769	3.472	231.581
1.001	14.775								
1/17/2017 2:45:00 AM	449100.000	26.536	16.925	60.484	4318.469	5105.927	2.770	3.472	231.564
1.001	14.772								
1/17/2017 3:00:00 AM	450000.000	26.534	16.925	60.479	4318.619	5106.155	2.770	3.472	231.555
1.001	14.777								
1/17/2017 3:15:00 AM	450900.000	26.536	16.924	60.483	4319.128	5106.849	2.770	3.473	231.528
1.001	14.777								
1/17/2017 3:30:00 AM	451800.000	26.551	16.925	60.518	4319.700	5107.434	2.771	3.473	231.498
1.001	14.767								
1/17/2017 3:45:00 AM	452700.000	26.539	16.925	60.491	4320.975	5108.952	2.771	3.474	231.429
1.001	14.776								
1/17/2017 4:00:00 AM	453600.000	26.542	16.924	60.498	4322.853	5111.241	2.773	3.476	231.329
1.001	14.775								
1/17/2017 4:15:00 AM	454500.000	26.540	16.924	60.494	4325.031	5113.816	2.774	3.477	231.212
1.001	14.778								
1/17/2017 4:30:00 AM	455400.000	26.538	16.924	60.488	4325.572	5114.437	2.775	3.478	231.183
1.001	14.773								
1/17/2017 4:45:00 AM	456300.000	26.541	16.924	60.496	4327.507	5116.735	2.776	3.479	231.080
1.001	14.774								
1/17/2017 5:00:00 AM	457200.000	26.537	16.924	60.486	4327.939	5117.235	2.776	3.480	231.057
1.001	14.784								
1/17/2017 5:15:00 AM	458100.000	26.546	16.924	60.506	4328.728	5118.229	2.777	3.480	231.015
1.001	14.770								
1/17/2017 5:30:00 AM	459000.000	26.543	16.924	60.500	4329.861	5119.560	2.778	3.481	230.954
1.001	14.775								
1/17/2017 5:45:00 AM	459900.000	26.542	16.924	60.498	4331.025	5120.945	2.778	3.482	230.892
1.001	14.773								
1/17/2017 6:00:00 AM	460800.000	26.545	16.924	60.503	4331.483	5121.446	2.779	3.483	230.868
1.001	14.772								
1/17/2017 6:15:00 AM	461700.000	26.541	16.924	60.494	4331.353	5121.364	2.779	3.483	230.875
1.001	14.773								
1/17/2017 6:30:00 AM	462600.000	26.546	16.924	60.507	4331.186	5121.114	2.778	3.482	230.884
1.001	14.773								
1/17/2017 6:45:00 AM	463500.000	26.542	16.925	60.497	4331.339	5121.234	2.779	3.482	230.875
1.001	14.775								
1/17/2017 7:00:00 AM	464400.000	26.543	16.924	60.499	4332.423	5122.569	2.779	3.483	230.818
1.001	14.773								
1/17/2017 7:15:00 AM	465300.000	26.539	16.925	60.490	4331.521	5121.462	2.779	3.483	230.866
1.001	14.781								
1/17/2017 7:30:00 AM	466200.000	26.538	16.924	60.489	4331.444	5121.419	2.779	3.483	230.870
1.001	14.775								
1/17/2017 7:45:00 AM	467100.000	26.536	16.924	60.483	4330.941	5120.816	2.778	3.482	230.897
1.001	14.780								
1/17/2017 8:00:00 AM	468000.000	26.539	16.925	60.491	4330.093	5119.752	2.778	3.481	230.942
1.001	14.769								
1/17/2017 8:15:00 AM	468900.000	26.534	16.925	60.478	4329.676	5119.280	2.777	3.481	230.964
1.001	14.767								
1/17/2017 8:30:00 AM	469800.000	26.555	16.925	60.526	4328.527	5117.922	2.777	3.480	231.025
1.001	14.749								
1/17/2017 8:45:00 AM	470700.000	26.548	16.925	60.510	4327.777	5116.983	2.776	3.480	231.066
1.001	14.756								
1/17/2017 9:00:00 AM	471600.000	26.538	16.925	60.489	4326.817	5115.888	2.775	3.479	231.117
1.001	14.770								
1/17/2017 9:15:00 AM	472500.000	26.534	16.925	60.480	4326.884	5115.918	2.775	3.479	231.113
1.001	14.774								
1/17/2017 9:30:00 AM	473400.000	26.525	16.926	60.459	4327.806	5116.936	2.776	3.480	231.064
1.001	14.795								
1/17/2017 9:45:00 AM	474300.000	26.523	16.926	60.454	4326.510	5115.394	2.775	3.478	231.133
1.001	14.802								
1/17/2017 10:00:00 AM	475200.000	26.523	16.926	60.454	4324.460	5112.939	2.774	3.477	231.243
1.001	14.801								
1/17/2017 10:15:00 AM	476100.000	26.519	16.926	60.446	4321.911	5109.916	2.772	3.475	231.379
1.001	14.811								
1/17/2017 10:30:00 AM	477000.000	26.516	16.928	60.437	4318.254	5105.430	2.769	3.472	231.575
1.001	14.806								

1/17/2017 10:45:00 AM 1.001	477900.000 14.797	26.523	16.927	60.455	4314.974	5101.604	2.767	3.469	231.751
1/17/2017 11:00:00 AM 1.001	478800.000 14.797	26.525	16.928	60.458	4313.990	5100.380	2.766	3.468	231.804
1/17/2017 11:15:00 AM 1.001	479700.000 14.790	26.526	16.928	60.462	4312.234	5098.283	2.765	3.467	231.898
1/17/2017 11:30:00 AM 1.001	480600.000 14.792	26.523	16.928	60.455	4311.661	5097.605	2.765	3.466	231.929
1/17/2017 11:45:00 AM 1.001	481500.000 14.792	26.515	16.928	60.435	4311.457	5097.393	2.765	3.466	231.940
1/17/2017 12:00:00 PM 1.001	482400.000 14.787	26.524	16.927	60.455	4311.917	5097.950	2.765	3.467	231.915
1/17/2017 12:15:00 PM 1.001	483300.000 14.788	26.520	16.928	60.447	4313.131	5099.292	2.766	3.468	231.850
1/17/2017 12:30:00 PM 1.001	484200.000 14.778	26.525	16.928	60.459	4313.087	5099.292	2.766	3.468	231.853
1/17/2017 12:45:00 PM 1.001	485100.000 14.778	26.523	16.928	60.455	4313.692	5099.987	2.766	3.468	231.820
1/17/2017 1:00:00 PM 1.001	486000.000 14.778	26.519	16.928	60.445	4313.745	5100.069	2.766	3.468	231.817
1/17/2017 1:15:00 PM 1.001	486900.000 14.769	26.531	16.927	60.472	4313.968	5100.464	2.767	3.468	231.805
1/17/2017 1:30:00 PM 1.001	487800.000 14.768	26.528	16.928	60.466	4314.696	5101.194	2.767	3.469	231.766
1/17/2017 1:45:00 PM 1.001	488700.000 14.768	26.528	16.927	60.466	4314.602	5101.144	2.767	3.469	231.771
1/17/2017 2:00:00 PM 1.001	489600.000 14.774	26.526	16.928	60.460	4315.177	5101.743	2.767	3.469	231.740
1/17/2017 2:15:00 PM 1.001	490500.000 14.774	26.525	16.928	60.458	4316.541	5103.404	2.768	3.470	231.667
1/17/2017 2:30:00 PM 1.001	491400.000 14.770	26.533	16.927	60.477	4316.606	5103.494	2.768	3.470	231.663
1/17/2017 2:45:00 PM 1.001	492300.000 14.774	26.524	16.927	60.457	4316.968	5103.930	2.769	3.471	231.644
1/17/2017 3:00:00 PM 1.001	493200.000 14.772	26.524	16.926	60.457	4317.745	5104.960	2.769	3.471	231.602
1/17/2017 3:15:00 PM 1.001	494100.000 14.779	26.522	16.927	60.453	4317.722	5104.812	2.769	3.471	231.604
1/17/2017 3:30:00 PM 1.001	495000.000 14.772	26.530	16.927	60.470	4318.033	5105.209	2.769	3.472	231.587
1/17/2017 3:45:00 PM 1.001	495900.000 14.771	26.533	16.928	60.477	4318.777	5106.028	2.770	3.472	231.547
1/17/2017 4:00:00 PM 1.001	496800.000 14.775	26.525	16.928	60.458	4318.794	5106.008	2.770	3.472	231.546
1/17/2017 4:15:00 PM 1.001	497700.000 14.786	26.515	16.927	60.435	4319.231	5106.617	2.770	3.472	231.523
1/17/2017 4:30:00 PM 1.001	498600.000 14.790	26.516	16.927	60.439	4319.121	5106.496	2.770	3.472	231.529
1/17/2017 4:45:00 PM 1.001	499500.000 14.780	26.524	16.928	60.457	4319.440	5106.824	2.770	3.473	231.511
1/17/2017 5:00:00 PM 1.001	500400.000 14.789	26.519	16.928	60.446	4320.146	5107.659	2.771	3.473	231.474
1/17/2017 5:15:00 PM 1.001	501300.000 14.794	26.517	16.928	60.439	4320.138	5107.648	2.771	3.473	231.474
1/17/2017 5:30:00 PM 1.001	502200.000 14.794	26.515	16.928	60.435	4319.175	5106.449	2.770	3.472	231.526
1/17/2017 5:45:00 PM 1.001	503100.000 14.791	26.518	16.928	60.443	4318.021	5105.146	2.769	3.471	231.588
1/17/2017 6:00:00 PM 1.001	504000.000 14.790	26.516	16.928	60.439	4317.072	5103.972	2.769	3.471	231.638
1/17/2017 6:15:00 PM 1.001	504900.000 14.800	26.515	16.927	60.435	4316.047	5102.852	2.768	3.470	231.693
1/17/2017 6:30:00 PM 1.001	505800.000 14.796	26.518	16.928	60.444	4316.210	5102.902	2.768	3.470	231.685
1/17/2017 6:45:00 PM 1.001	506700.000 14.796	26.513	16.929	60.432	4316.073	5102.721	2.768	3.470	231.692
1/17/2017 7:00:00 PM 1.001	507600.000 14.797	26.522	16.929	60.451	4315.354	5101.810	2.767	3.469	231.731
1/17/2017 7:15:00 PM 1.001	508500.000 14.794	26.515	16.928	60.436	4313.831	5100.131	2.766	3.468	231.813
1/17/2017 7:30:00 PM 1.001	509400.000 14.798	26.512	16.928	60.430	4312.853	5098.954	2.766	3.467	231.865
1/17/2017 7:45:00 PM 1.001	510300.000 14.801	26.506	16.929	60.416	4312.634	5098.604	2.765	3.467	231.877
1/17/2017 8:00:00 PM 1.001	511200.000 14.802	26.506	16.929	60.415	4312.238	5098.106	2.765	3.467	231.898
1/17/2017 8:15:00 PM 1.001	512100.000 14.805	26.502	16.930	60.405	4311.436	5097.127	2.765	3.466	231.941
1/17/2017 8:30:00 PM 1.001	513000.000 14.805	26.502	16.929	60.407	4310.380	5095.949	2.764	3.465	231.998
1/17/2017 8:45:00 PM 1.001	513900.000 14.806	26.503	16.930	60.408	4309.960	5095.383	2.764	3.465	232.021
1/17/2017 9:00:00 PM 1.001	514800.000 14.802	26.501	16.930	60.403	4309.088	5094.322	2.763	3.464	232.068
1/17/2017 9:15:00 PM 1.001	515700.000 14.795	26.505	16.930	60.414	4308.212	5093.245	2.762	3.463	232.115
1/17/2017 9:30:00 PM 1.001	516600.000 14.794	26.506	16.930	60.415	4307.475	5092.374	2.762	3.463	232.155
1/17/2017 9:45:00 PM	517500.000	26.507	16.930	60.417	4306.375	5091.124	2.761	3.462	232.214

1.001	14.790								
1/17/2017 10:00:00 PM	518400.000	26.507	16.931	60.417	4306.138	5090.753	2.761	3.462	232.227
1.001	14.790								
1/17/2017 10:15:00 PM	519300.000	26.509	16.930	60.421	4305.015	5089.527	2.760	3.461	232.287
1.001	14.788								
1/17/2017 10:30:00 PM	520200.000	26.501	16.931	60.405	4305.225	5089.684	2.760	3.461	232.276
1.001	14.795								
1/17/2017 10:45:00 PM	521100.000	26.500	16.931	60.403	4304.731	5089.081	2.760	3.461	232.303
1.001	14.794								
1/17/2017 11:00:00 PM	522000.000	26.509	16.931	60.421	4304.415	5088.687	2.760	3.460	232.320
1.001	14.787								
1/17/2017 11:15:00 PM	522900.000	26.496	16.931	60.393	4304.201	5088.414	2.760	3.460	232.331
1.001	14.797								
1/17/2017 11:30:00 PM	523800.000	26.492	16.931	60.383	4302.649	5086.628	2.759	3.459	232.415
1.001	14.792								
1/17/2017 11:45:00 PM	524700.000	26.499	16.931	60.400	4302.234	5086.037	2.758	3.459	232.437
1.001	14.790								
1/18/2017 12:00:00 AM	525600.000	26.499	16.932	60.400	4301.359	5084.994	2.758	3.458	232.485
1.001	14.777								
1/18/2017 12:15:00 AM	526500.000	26.498	16.932	60.397	4300.424	5083.876	2.757	3.457	232.535
1.001	14.783								
1/18/2017 12:30:00 AM	527400.000	26.505	16.932	60.412	4300.575	5084.046	2.757	3.457	232.527
1.001	14.775								
1/18/2017 12:45:00 AM	528300.000	26.497	16.932	60.394	4300.342	5083.759	2.757	3.457	232.540
1.001	14.779								
1/18/2017 1:00:00 AM	529200.000	26.498	16.931	60.397	4299.769	5083.134	2.757	3.457	232.571
1.001	14.775								
1/18/2017 1:15:00 AM	530100.000	26.499	16.932	60.399	4299.968	5083.277	2.757	3.457	232.560
1.001	14.775								
1/18/2017 1:30:00 AM	531000.000	26.494	16.932	60.389	4300.134	5083.484	2.757	3.457	232.551
1.001	14.784								
1/18/2017 1:45:00 AM	531900.000	26.484	16.932	60.364	4300.305	5083.687	2.757	3.457	232.542
1.001	14.792								
1/18/2017 2:00:00 AM	532800.000	26.498	16.932	60.396	4299.421	5082.610	2.756	3.456	232.589
1.001	14.784								
1/18/2017 2:15:00 AM	533700.000	26.492	16.933	60.384	4299.366	5082.506	2.756	3.456	232.592
1.001	14.788								
1/18/2017 2:30:00 AM	534600.000	26.491	16.932	60.381	4298.540	5081.559	2.756	3.455	232.637
1.001	14.791								
1/18/2017 2:45:00 AM	535500.000	26.492	16.932	60.384	4298.457	5081.542	2.756	3.455	232.642
1.001	14.789								
1/18/2017 3:00:00 AM	536400.000	26.500	16.933	60.401	4298.118	5081.041	2.755	3.455	232.660
1.001	14.782								
1/18/2017 3:15:00 AM	537300.000	26.496	16.933	60.392	4298.000	5080.871	2.755	3.455	232.666
1.001	14.783								
1/18/2017 3:30:00 AM	538200.000	26.501	16.932	60.404	4298.313	5081.300	2.755	3.455	232.649
1.001	14.785								
1/18/2017 3:45:00 AM	539100.000	26.497	16.932	60.395	4298.660	5081.731	2.756	3.456	232.631
1.001	14.783								
1/18/2017 4:00:00 AM	540000.000	26.504	16.932	60.411	4300.164	5083.549	2.757	3.457	232.549
1.001	14.777								
1/18/2017 4:15:00 AM	540900.000	26.501	16.931	60.404	4301.263	5084.909	2.758	3.458	232.490
1.001	14.785								
1/18/2017 4:30:00 AM	541800.000	26.502	16.931	60.407	4302.962	5086.938	2.759	3.459	232.398
1.001	14.784								
1/18/2017 4:45:00 AM	542700.000	26.508	16.931	60.419	4305.072	5089.472	2.760	3.461	232.284
1.001	14.786								
1/18/2017 5:00:00 AM	543600.000	26.504	16.931	60.412	4305.623	5090.083	2.761	3.461	232.254
1.001	14.785								
1/18/2017 5:15:00 AM	544500.000	26.505	16.931	60.413	4307.114	5091.858	2.762	3.462	232.174
1.001	14.779								
1/18/2017 5:30:00 AM	545400.000	26.513	16.931	60.432	4308.108	5093.042	2.762	3.463	232.120
1.001	14.778								
1/18/2017 5:45:00 AM	546300.000	26.518	16.931	60.443	4309.028	5094.160	2.763	3.464	232.071
1.001	14.768								
1/18/2017 6:00:00 AM	547200.000	26.511	16.930	60.426	4311.331	5096.922	2.764	3.466	231.947
1.001	14.779								
1/18/2017 6:15:00 AM	548100.000	26.510	16.930	60.423	4313.054	5098.959	2.766	3.467	231.854
1.001	14.785								
1/18/2017 6:30:00 AM	549000.000	26.509	16.930	60.423	4314.956	5101.217	2.767	3.469	231.752
1.001	14.789								
1/18/2017 6:45:00 AM	549900.000	26.505	16.930	60.413	4316.286	5102.832	2.768	3.470	231.681
1.001	14.788								
1/18/2017 7:00:00 AM	550800.000	26.518	16.930	60.442	4317.455	5104.244	2.769	3.471	231.618
1.001	14.770								
1/18/2017 7:15:00 AM	551700.000	26.514	16.931	60.433	4317.528	5104.208	2.769	3.471	231.614
1.001	14.773								
1/18/2017 7:30:00 AM	552600.000	26.511	16.930	60.426	4318.432	5105.318	2.769	3.472	231.566
1.001	14.776								
1/18/2017 7:45:00 AM	553500.000	26.515	16.930	60.435	4318.342	5105.252	2.769	3.472	231.570
1.001	14.764								
1/18/2017 8:00:00 AM	554400.000	26.513	16.929	60.431	4319.380	5106.540	2.770	3.472	231.515
1.001	14.758								
1/18/2017 8:15:00 AM	555300.000	26.515	16.930	60.435	4319.829	5107.029	2.770	3.473	231.491
1.001	14.759								
1/18/2017 8:30:00 AM	556200.000	26.517	16.928	60.440	4320.828	5108.362	2.771	3.474	231.437
1.001	14.755								
1/18/2017 8:45:00 AM	557100.000	26.514	16.930	60.434	4321.481	5109.013	2.771	3.474	231.402

1.001	14.746								
1/18/2017 9:00:00 AM	558000.000	26.528	16.929	60.464	4322.953	5110.845	2.773	3.475	231.323
1.001	14.741								
1/18/2017 9:15:00 AM	558900.000	26.516	16.929	60.437	4323.997	5112.008	2.773	3.476	231.268
1.001	14.745								
1/18/2017 9:30:00 AM	559800.000	26.518	16.930	60.442	4324.247	5112.223	2.773	3.476	231.254
1.001	14.738								
1/18/2017 9:45:00 AM	560700.000	26.514	16.930	60.433	4324.238	5112.243	2.773	3.476	231.255
1.001	14.742								
1/18/2017 10:00:00 AM	561600.000	26.525	16.930	60.459	4324.260	5112.268	2.773	3.476	231.253
1.001	14.742								
1/18/2017 10:15:00 AM	562500.000	26.510	16.929	60.425	4323.030	5110.875	2.773	3.475	231.319
1.001	14.772								
1/18/2017 10:30:00 AM	563400.000	26.504	16.930	60.410	4322.857	5110.630	2.772	3.475	231.328
1.001	14.777								
1/18/2017 10:45:00 AM	564300.000	26.500	16.930	60.402	4322.477	5110.120	2.772	3.475	231.349
1.001	14.783								
1/18/2017 11:00:00 AM	565200.000	26.507	16.931	60.418	4320.445	5107.606	2.771	3.473	231.458
1.001	14.776								
1/18/2017 11:15:00 AM	566100.000	26.506	16.931	60.414	4316.621	5103.065	2.768	3.470	231.663
1.001	14.772								
1/18/2017 11:30:00 AM	567000.000	26.501	16.932	60.404	4312.313	5097.932	2.765	3.467	231.894
1.001	14.773								
1/18/2017 11:45:00 AM	567900.000	26.502	16.932	60.406	4310.045	5095.210	2.764	3.465	232.016
1.001	14.771								
1/18/2017 12:00:00 PM	568800.000	26.504	16.932	60.411	4309.220	5094.286	2.763	3.464	232.061
1.001	14.760								
1/18/2017 12:15:00 PM	569700.000	26.498	16.932	60.397	4308.394	5093.299	2.762	3.463	232.105
1.001	14.761								
1/18/2017 12:30:00 PM	570600.000	26.506	16.932	60.416	4309.638	5094.729	2.763	3.464	232.038
1.001	14.746								
1/18/2017 12:45:00 PM	571500.000	26.506	16.931	60.415	4309.834	5095.042	2.763	3.465	232.027
1.001	14.743								
1/18/2017 1:00:00 PM	572400.000	26.508	16.932	60.421	4310.652	5095.938	2.764	3.465	231.983
1.001	14.740								
1/18/2017 1:15:00 PM	573300.000	26.507	16.932	60.417	4310.759	5096.085	2.764	3.465	231.978
1.001	14.730								
1/18/2017 1:30:00 PM	574200.000	26.514	16.931	60.433	4312.186	5097.833	2.765	3.467	231.901
1.001	14.725								
1/18/2017 1:45:00 PM	575100.000	26.509	16.932	60.422	4312.749	5098.438	2.765	3.467	231.871
1.001	14.723								
1/18/2017 2:00:00 PM	576000.000	26.517	16.931	60.439	4313.387	5099.232	2.766	3.467	231.836
1.001	14.714								
1/18/2017 2:15:00 PM	576900.000	26.520	16.931	60.448	4314.253	5100.286	2.766	3.468	231.790
1.001	14.706								
1/18/2017 2:30:00 PM	577800.000	26.505	16.931	60.413	4314.629	5100.710	2.767	3.468	231.770
1.001	14.700								
1/18/2017 2:45:00 PM	578700.000	26.514	16.931	60.433	4314.243	5100.233	2.766	3.468	231.790
1.001	14.690								
1/18/2017 3:00:00 PM	579600.000	26.518	16.932	60.443	4314.805	5100.878	2.767	3.469	231.760
1.001	14.676								
1/18/2017 3:15:00 PM	580500.000	26.521	16.931	60.449	4315.188	5101.391	2.767	3.469	231.740
1.001	14.673								
1/18/2017 3:30:00 PM	581400.000	26.518	16.931	60.442	4316.352	5102.818	2.768	3.470	231.677
1.001	14.667								
1/18/2017 3:45:00 PM	582300.000	26.513	16.931	60.431	4316.928	5103.489	2.768	3.470	231.646
1.001	14.672								
1/18/2017 4:00:00 PM	583200.000	26.513	16.931	60.431	4318.752	5105.604	2.770	3.472	231.548
1.001	14.672								
1/18/2017 4:15:00 PM	584100.000	26.515	16.931	60.435	4320.428	5107.545	2.771	3.473	231.459
1.001	14.660								
1/18/2017 4:30:00 PM	585000.000	26.517	16.931	60.441	4321.100	5108.412	2.771	3.474	231.423
1.001	14.654								
1/18/2017 4:45:00 PM	585900.000	26.510	16.932	60.425	4321.792	5109.137	2.772	3.474	231.386
1.001	14.657								
1/18/2017 5:00:00 PM	586800.000	26.516	16.931	60.439	4321.540	5108.940	2.771	3.474	231.399
1.001	14.647								
1/18/2017 5:15:00 PM	587700.000	26.530	16.931	60.470	4321.256	5108.556	2.771	3.474	231.414
1.001	14.638								
1/18/2017 5:30:00 PM	588600.000	26.521	16.931	60.450	4321.318	5108.669	2.771	3.474	231.411
1.001	14.635								
1/18/2017 5:45:00 PM	589500.000	26.523	16.931	60.453	4320.898	5108.132	2.771	3.474	231.433
1.001	14.632								
1/18/2017 6:00:00 PM	590400.000	26.522	16.931	60.452	4321.311	5108.701	2.771	3.474	231.411
1.001	14.630								
1/18/2017 6:15:00 PM	591300.000	26.531	16.931	60.472	4321.963	5109.441	2.772	3.474	231.376
1.001	14.622								
1/18/2017 6:30:00 PM	592200.000	26.517	16.931	60.440	4322.539	5110.061	2.772	3.475	231.346
1.001	14.629								
1/18/2017 6:45:00 PM	593100.000	26.518	16.931	60.443	4322.640	5110.262	2.772	3.475	231.340
1.001	14.627								
1/18/2017 7:00:00 PM	594000.000	26.508	16.931	60.420	4322.925	5110.579	2.772	3.475	231.325
1.001	14.631								
1/18/2017 7:15:00 PM	594900.000	26.514	16.931	60.435	4323.476	5111.180	2.773	3.476	231.295
1.001	14.629								
1/18/2017 7:30:00 PM	595800.000	26.510	16.931	60.425	4323.046	5110.693	2.772	3.475	231.318
1.001	14.635								
1/18/2017 7:45:00 PM	596700.000	26.511	16.932	60.426	4322.019	5109.406	2.772	3.474	231.373
1.001	14.637								

1/18/2017 8:00:00 PM	597600.000	26.507	16.932	60.417	4321.224	5108.396	2.771	3.474	231.416
1.001	14.639								
1/18/2017 8:15:00 PM	598500.000	26.510	16.932	60.424	4320.428	5107.505	2.771	3.473	231.459
1.001	14.640								
1/18/2017 8:30:00 PM	599400.000	26.509	16.933	60.423	4319.249	5105.991	2.770	3.472	231.522
1.001	14.641								
1/18/2017 8:45:00 PM	600300.000	26.507	16.932	60.418	4317.125	5103.540	2.768	3.470	231.636
1.001	14.645								
1/18/2017 9:00:00 PM	601200.000	26.501	16.933	60.403	4315.964	5102.128	2.768	3.469	231.698
1.001	14.653								
1/18/2017 9:15:00 PM	602100.000	26.505	16.933	60.413	4314.798	5100.750	2.767	3.469	231.761
1.001	14.646								
1/18/2017 9:30:00 PM	603000.000	26.505	16.932	60.414	4313.568	5099.375	2.766	3.468	231.827
1.001	14.647								
1/18/2017 9:45:00 PM	603900.000	26.504	16.932	60.412	4311.559	5096.950	2.765	3.466	231.935
1.001	14.649								
1/18/2017 10:00:00 PM	604800.000	26.495	16.933	60.390	4310.789	5095.929	2.764	3.465	231.976
1.001	14.658								
1/18/2017 10:15:00 PM	605700.000	26.494	16.933	60.389	4309.574	5094.553	2.763	3.464	232.042
1.001	14.657								
1/18/2017 10:30:00 PM	606600.000	26.502	16.934	60.407	4309.673	5094.569	2.763	3.464	232.036
1.001	14.660								
1/18/2017 10:45:00 PM	607500.000	26.503	16.934	60.408	4308.929	5093.670	2.763	3.464	232.076
1.001	14.655								
1/18/2017 11:00:00 PM	608400.000	26.501	16.934	60.403	4308.252	5092.879	2.762	3.463	232.113
1.001	14.656								
1/18/2017 11:15:00 PM	609300.000	26.496	16.934	60.393	4307.410	5091.854	2.762	3.462	232.158
1.001	14.665								
1/18/2017 11:30:00 PM	610200.000	26.504	16.934	60.411	4306.554	5090.882	2.761	3.462	232.204
1.001	14.657								
1/18/2017 11:45:00 PM	611100.000	26.492	16.934	60.384	4305.508	5089.675	2.760	3.461	232.261
1.001	14.670								

Report Date: 1/20/2017 8:27:37 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:

File Name: MPWSP CEMEX Dredge Pond_2017-01-19_08-06-35-711-BaroMerge.wsl
Create Date: 1/20/2017 8:26:54 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP CEMEX Dredge Pond
Device Name: MPWSP CEMEX Dredge Pond
Serial Number: 451585
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 CEMEX Dredge Pond
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/13/2016 6:06:20 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 7/13/2016 6:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 30 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 35.8805 (ft)
Head Pressure: 15.9285 (PSI)
Temperature: 18.9083 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

Log Notes:

Date and Time	Note
7/13/2016 6:06:28 PM	Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/13/2016 7:44:56 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/14/2016 8:35:09 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: ELinden Interval -
Start Time: 7/13/2016 5:30:00 PM Stop Time: 7/14/2016 9:30:00 PM	
7/21/2016 6:41:39 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper
7/28/2016 8:17:04 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval -
Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 8:15:00 PM	
8/4/2016 6:44:30 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval -
Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:00:00 PM	
8/11/2016 5:53:17 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval -
Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:15:00 PM	
8/18/2016 5:54:34 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval -
Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 6:00:00 PM	
8/25/2016 8:12:17 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: ELinden Interval -
Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 7:15:00 PM	
9/1/2016 12:38:22 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: skuiper Interval - Start
Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:30:00 PM	
9/8/2016 7:20:33 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval -
Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 8:00:00 PM	
9/15/2016 8:44:54 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: ANorris Interval -
Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 9:15:00 PM	
9/22/2016 6:22:27 PM	Log Download - Used Battery: 5% Used Memory: 6% User Name: ANorris Interval -
Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 6:15:00 PM	
10/2/2016 9:10:10 AM	Log Download - Used Battery: 5% Used Memory: 7% User Name: ANorris Interval -
Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 10:00:00 AM	
10/7/2016 7:49:16 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval -
Start Time: 9/28/2016 8:00:00 AM Stop Time: 10/7/2016 8:15:00 PM	
10/13/2016 7:10:42 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval -
Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:29:45 PM	
10/20/2016 6:49:08 PM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval -
Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:45:00 PM	
10/27/2016 9:12:34 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval -
Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 8:30:00 PM	
10/27/2016 9:15:47 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval -
Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:00:00 AM	
11/3/2016 12:06:10 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval -
Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 12:00:00 PM	
11/3/2016 12:08:19 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval -
Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 12:00:00 PM	
11/3/2016 12:19:38 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval -
Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 1:00:00 PM	
12/1/2016 1:33:32 PM	Log Download - Used Battery: 7% Used Memory: 10% User Name: SKuiper Interval -
Start Time: 9/30/2016 10:00:00 PM Stop Time: 12/1/2016 2:15:00 PM	
12/8/2016 4:22:43 PM	Log Download - Used Battery: 8% Used Memory: 10% User Name: SKuiper Interval -
Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 5:00:00 PM	

12/15/2016 11:08:37 AM Log Download - Used Battery: 8% Used Memory: 10% 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 6:19:33 PM Log Download - Used Battery: 8% Used Memory: 12% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:20:00 PM
1/5/2017 4:07:10 PM Log Download - Used Battery: 9% Used Memory: 12% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 4:30:00 PM
1/19/2017 8:06:10 AM Log Download - Used Battery: 9% Used Memory: 14% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 8:00:00 AM
1/20/2017 8:26:54 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-19_14-15-34-875.wsl""

Log Data:

Record Count: 356

Sensors: 2

1 - 451585: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor:	
PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor:	
PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor:	
PCTD(A) 35.8ft	Sensor: Baro-Adj Calc					
	SN#: 451585		SN#: 451585		SN#: 451585	
SN#: 451585	SN#: 451585		SN#: 451585		SN#: 451585	
SN#: 451585	SN#: 451585		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 (ppt)		Water Density (g/cm3)		Resistivity (ohm-cm)		
Barometric Pressure (PSI)						
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-----	-----	-----		-----		-----
-----	-----	-----		-----		-----
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1/12/2017 12:00:00 AM	7200.000		9.070		10.965	
20.431	36806.477		50286.801		32.589	
34.195	1.025		27.169		14.679	
1/12/2017 12:30:00 AM	9000.000		9.067		10.971	
20.423	36869.918		50365.238		32.646	
34.248	1.025		27.122		14.671	
1/12/2017 1:00:00 AM	10800.000		9.067		10.979	
20.425	36901.039		50397.586		32.670	
34.270	1.025		27.100		14.663	
1/12/2017 1:30:00 AM	12600.000		9.058		10.985	
20.404	36912.031		50404.102		32.675	
34.275	1.025		27.091		14.663	
1/12/2017 2:00:00 AM	14400.000		9.061		10.991	
20.410	36953.191		50452.406		32.711	
34.308	1.025		27.061		14.658	
1/12/2017 2:30:00 AM	16200.000		9.049		10.997	
20.384	37038.398		50561.539		32.790	

34.382	1.025	26.999	14.668
1/12/2017 3:00:00 AM	18000.000	9.043	11.002
20.371	37001.492	50503.852	32.749
34.343	1.025	27.026	14.667
1/12/2017 3:30:00 AM	19800.000	9.045	11.007
20.375	37002.145	50498.887	32.746
34.339	1.025	27.025	14.654
1/12/2017 4:00:00 AM	21600.000	9.041	11.013
20.366	37058.309	50567.633	32.797
34.386	1.025	26.985	14.655
1/12/2017 4:30:00 AM	23400.000	9.026	11.020
20.331	37017.211	50502.551	32.750
34.342	1.025	27.014	14.656
1/12/2017 5:00:00 AM	25200.000	9.017	11.026
20.312	37034.777	50518.383	32.763
34.353	1.025	27.002	14.651
1/12/2017 5:30:00 AM	27000.000	9.009	11.033
20.293	37023.707	50494.434	32.746
34.336	1.025	27.010	14.651
1/12/2017 6:00:00 AM	28800.000	8.998	11.038
20.270	37053.297	50527.137	32.770
34.358	1.025	26.988	14.656
1/12/2017 6:30:00 AM	30600.000	9.002	11.044
20.279	37127.715	50621.305	32.839
34.422	1.025	26.934	14.650
1/12/2017 7:00:00 AM	32400.000	9.006	11.046
20.286	37142.227	50638.102	32.851
34.434	1.025	26.924	14.663
1/12/2017 7:30:00 AM	34200.000	9.035	11.042
20.353	37188.195	50706.047	32.900
34.480	1.025	26.890	14.668
1/12/2017 8:00:00 AM	36000.000	9.093	11.036
20.484	37144.973	50655.512	32.863
34.446	1.025	26.922	14.675
1/12/2017 8:30:00 AM	37800.000	9.181	11.023
20.681	37189.938	50733.648	32.918
34.499	1.025	26.889	14.690
1/12/2017 9:00:00 AM	39600.000	9.362	10.993
21.090	37195.820	50782.113	32.949
34.532	1.025	26.885	14.702
1/12/2017 9:30:00 AM	41400.000	9.514	10.997
21.432	37108.719	50657.305	32.859
34.447	1.025	26.948	14.694
1/12/2017 10:00:00 AM	43200.000	9.840	10.938
22.167	36160.223	49438.730	31.975
33.618	1.024	27.655	14.705
1/12/2017 10:30:00 AM	45000.000	10.032	10.970
22.597	36336.234	49637.969	32.122
33.754	1.025	27.521	14.706
1/12/2017 11:00:00 AM	46800.000	10.138	11.312
22.838	37452.375	50709.676	32.933
34.483	1.025	26.701	14.705
1/12/2017 11:30:00 AM	48600.000	10.153	11.427
22.870	37721.023	50922.441	33.100

34.627	1.025	26.510	14.712
1/12/2017 12:00:00 PM	50400.000	10.152	11.462
22.868	37655.695	50788.352	33.007
34.536	1.025	26.556	14.703
1/12/2017 12:30:00 PM	52200.000	10.136	11.484
22.831	37775.727	50920.902	33.105
34.626	1.025	26.472	14.701
1/12/2017 1:00:00 PM	54000.000	10.121	11.433
22.799	17703.656	23895.746	14.414
16.249	1.011	56.486	14.697
1/12/2017 1:30:00 PM	55800.000	10.104	11.461
22.760	15720.572	21203.857	12.659
14.419	1.009	63.611	14.694
1/12/2017 2:00:00 PM	57600.000	10.074	11.546
22.693	14761.826	19866.920	11.798
13.510	1.009	67.742	14.699
1/12/2017 2:30:00 PM	59400.000	10.056	11.630
22.652	17745.846	23831.883	14.380
16.206	1.011	56.351	14.698
1/12/2017 3:00:00 PM	61200.000	10.031	11.619
22.596	13207.111	17741.621	10.439
12.064	1.008	75.717	14.701
1/12/2017 3:30:00 PM	63000.000	10.007	11.635
22.542	8721.478	11710.926	6.669
7.963	1.005	114.659	14.701
1/12/2017 4:00:00 PM	64800.000	9.975	11.655
22.470	8266.392	11094.168	6.293
7.544	1.004	120.972	14.707
1/12/2017 4:30:00 PM	66600.000	9.945	11.675
22.402	9599.523	12876.771	7.387
8.756	1.005	104.172	14.710
1/12/2017 5:00:00 PM	68400.000	9.919	11.693
22.344	11472.454	15382.023	8.949
10.460	1.006	87.165	14.706
1/12/2017 5:30:00 PM	70200.000	9.899	11.708
22.298	37737.344	50578.125	32.882
34.393	1.025	26.499	14.701
1/12/2017 6:00:00 PM	72000.000	9.867	11.717
22.226	48475.313	64954.711	43.525
44.169	1.033	20.629	14.705
1/12/2017 6:30:00 PM	73800.000	9.836	11.729
22.156	42291.324	56650.359	37.322
38.522	1.028	23.646	14.710
1/12/2017 7:00:00 PM	75600.000	9.796	11.741
22.066	34594.285	46325.738	29.828
31.502	1.023	28.907	14.725
1/12/2017 7:30:00 PM	77400.000	9.769	11.754
22.006	37800.621	50603.258	32.905
34.410	1.025	26.455	14.726
1/12/2017 8:00:00 PM	79200.000	9.736	11.765
21.931	35846.840	47974.566	31.011
32.623	1.024	27.896	14.735
1/12/2017 8:30:00 PM	81000.000	9.705	11.775
21.863	35141.746	47018.664	30.327

31.973	1.023	28.456	14.740
1/12/2017 9:00:00 PM	82800.000	9.689	11.784
21.826	33969.344	45439.652	29.201
30.899	1.022	29.438	14.733
1/12/2017 9:30:00 PM	84600.000	9.654	11.791
21.746	32637.406	43649.902	27.930
29.682	1.021	30.640	14.744
1/12/2017 10:00:00 PM	86400.000	9.638	11.797
21.710	32774.023	43826.043	28.056
29.802	1.021	30.512	14.740
1/12/2017 10:30:00 PM	88200.000	9.609	11.802
21.646	33344.273	44582.840	28.593
30.316	1.022	29.990	14.749
1/12/2017 11:00:00 PM	90000.000	9.583	11.807
21.587	33765.703	45140.375	28.990
30.695	1.022	29.616	14.754
1/12/2017 11:30:00 PM	91800.000	9.569	11.812
21.554	33930.039	45354.211	29.142
30.841	1.022	29.472	14.752
1/13/2017 12:00:00 AM	93600.000	9.554	11.817
21.522	34693.555	46368.605	29.866
31.531	1.023	28.824	14.752
1/13/2017 12:30:00 AM	95400.000	9.542	11.821
21.494	35628.457	47613.180	30.757
32.377	1.023	28.067	14.751
1/13/2017 1:00:00 AM	97200.000	9.529	11.825
21.464	36754.023	49113.188	31.836
33.397	1.024	27.208	14.754
1/13/2017 1:30:00 AM	99000.000	9.513	11.828
21.430	37990.664	50761.215	33.027
34.518	1.025	26.322	14.753
1/13/2017 2:00:00 AM	100800.000	9.494	11.831
21.386	39759.188	53120.559	34.744
36.122	1.026	25.151	14.762
1/13/2017 2:30:00 AM	102600.000	9.494	11.833
21.386	35510.484	47441.320	30.635
32.260	1.023	28.161	14.755
1/13/2017 3:00:00 AM	104400.000	9.467	11.836
21.326	38684.004	51677.863	33.693
35.141	1.026	25.850	14.771
1/13/2017 3:30:00 AM	106200.000	9.456	11.839
21.299	41350.375	55235.785	36.294
37.560	1.028	24.184	14.767
1/13/2017 4:00:00 AM	108000.000	9.434	11.841
21.250	37429.695	49995.797	32.475
33.997	1.025	26.717	14.773
1/13/2017 4:30:00 AM	109800.000	9.422	11.843
21.223	40127.383	53596.199	35.092
36.445	1.027	24.921	14.770
1/13/2017 5:00:00 AM	111600.000	9.402	11.845
21.178	42237.445	56412.039	37.160
38.360	1.028	23.676	14.776
1/13/2017 5:30:00 AM	113400.000	9.381	11.846
21.131	44852.453	59902.000	39.748

40.733	1.030	22.295	14.778
1/13/2017 6:00:00 AM	115200.000	9.357	11.848
21.078	48115.051	64256.801	43.017
43.695	1.033	20.784	14.784
1/13/2017 6:30:00 AM	117000.000	9.352	11.849
21.066	51467.137	68731.070	46.421
46.737	1.036	19.430	14.780
1/13/2017 7:00:00 AM	118800.000	9.329	11.849
21.015	24716.740	33007.773	20.536
22.445	1.015	40.458	14.789
1/13/2017 7:30:00 AM	120600.000	9.313	11.846
20.978	46447.180	62031.945	41.342
42.182	1.032	21.530	14.791
1/13/2017 8:00:00 AM	122400.000	9.306	11.838
20.962	53196.629	71061.313	48.211
48.322	1.037	18.798	14.793
1/13/2017 8:30:00 AM	124200.000	9.284	11.822
20.913	53957.410	72106.305	49.015
49.032	1.038	18.533	14.803
1/13/2017 9:00:00 AM	126000.000	9.277	11.799
20.898	55189.223	73795.484	50.322
50.181	1.039	18.119	14.806
1/13/2017 9:30:00 AM	127800.000	9.268	11.772
20.877	43464.129	58157.520	38.442
39.547	1.029	23.007	14.812
1/13/2017 10:00:00 AM	129600.000	9.268	11.744
20.876	37497.305	50209.848	32.619
34.143	1.025	26.669	14.818
1/13/2017 10:30:00 AM	131400.000	9.277	11.716
20.898	38755.547	51931.754	33.865
35.314	1.026	25.803	14.826
1/13/2017 11:00:00 AM	133200.000	9.286	11.694
20.917	36987.457	49590.051	32.166
33.721	1.024	27.036	14.822
1/13/2017 11:30:00 AM	135000.000	9.289	11.679
20.924	37230.504	49936.156	32.415
33.957	1.025	26.860	14.817
1/13/2017 12:00:00 PM	136800.000	9.287	11.668
20.920	37711.434	50595.602	32.890
34.405	1.025	26.517	14.816
1/13/2017 12:30:00 PM	138600.000	9.292	11.660
20.930	37866.352	50813.699	33.047
34.553	1.025	26.409	14.801
1/13/2017 1:00:00 PM	140400.000	9.280	11.655
20.904	38234.926	51314.949	33.410
34.894	1.025	26.154	14.804
1/13/2017 1:30:00 PM	142200.000	9.275	11.651
20.892	38148.996	51204.262	33.329
34.819	1.025	26.213	14.802
1/13/2017 2:00:00 PM	144000.000	9.272	11.648
20.887	38041.141	51063.512	33.227
34.723	1.025	26.287	14.799
1/13/2017 2:30:00 PM	145800.000	9.259	11.645
20.857	37948.395	50942.332	33.139

34.641	1.025	26.352	14.807
1/13/2017 3:00:00 PM	147600.000	9.246	11.644
20.827	37913.980	50898.375	33.107
34.611	1.025	26.375	14.808
1/13/2017 3:30:00 PM	149400.000	9.235	11.642
20.804	37802.488	50751.152	33.000
34.511	1.025	26.453	14.805
1/13/2017 4:00:00 PM	151200.000	9.220	11.639
20.769	37687.797	50600.594	32.891
34.408	1.025	26.534	14.802
1/13/2017 4:30:00 PM	153000.000	9.196	11.637
20.716	37103.402	49818.727	32.325
33.877	1.025	26.952	14.804
1/13/2017 5:00:00 PM	154800.000	9.180	11.635
20.679	53980.602	72484.445	49.274
49.289	1.038	18.525	14.803
1/13/2017 5:30:00 PM	156600.000	9.165	11.631
20.644	47834.012	64236.113	42.969
43.681	1.033	20.906	14.801
1/13/2017 6:00:00 PM	158400.000	9.145	11.628
20.600	42916.227	57636.449	38.037
39.193	1.029	23.301	14.807
1/13/2017 6:30:00 PM	160200.000	9.122	11.625
20.548	32447.445	43580.730	27.867
29.635	1.021	30.819	14.801
1/13/2017 7:00:00 PM	162000.000	9.097	11.621
20.492	52101.930	69985.648	47.345
47.590	1.036	19.193	14.812
1/13/2017 7:30:00 PM	163800.000	9.082	11.617
20.457	25696.771	34520.422	21.556
23.474	1.016	38.915	14.806
1/13/2017 8:00:00 PM	165600.000	9.054	11.614
20.394	42107.824	56571.234	37.249
38.468	1.028	23.749	14.817
1/13/2017 8:30:00 PM	167400.000	9.039	11.610
20.362	20142.338	27064.068	16.517
18.404	1.012	49.647	14.819
1/13/2017 9:00:00 PM	169200.000	9.014	11.606
20.305	52097.711	70007.438	47.359
47.605	1.036	19.195	14.830
1/13/2017 9:30:00 PM	171000.000	8.997	11.602
20.268	40245.801	54086.695	35.423
36.779	1.027	24.847	14.830
1/13/2017 10:00:00 PM	172800.000	8.977	11.598
20.222	44733.770	60123.977	39.880
40.884	1.030	22.354	14.836
1/13/2017 10:30:00 PM	174600.000	8.962	11.595
20.188	51999.547	69895.305	47.271
47.529	1.036	19.231	14.836
1/13/2017 11:00:00 PM	176400.000	8.950	11.591
20.161	36919.293	49630.465	32.185
33.749	1.024	27.086	14.832
1/13/2017 11:30:00 PM	178200.000	8.937	11.588
20.132	37209.980	50025.066	32.469

34.017	1.025	26.875	14.836
1/14/2017 12:00:00 AM	180000.000	8.926	11.584
20.107	37060.355	49828.297	32.327
33.883	1.025	26.983	14.828
1/14/2017 12:30:00 AM	181800.000	8.909	11.582
20.067	55751.004	74963.445	51.190
50.975	1.039	17.937	14.834
1/14/2017 1:00:00 AM	183600.000	8.899	11.578
20.046	48827.113	65659.289	44.037
44.648	1.034	20.480	14.834
1/14/2017 1:30:00 AM	185400.000	8.901	11.575
20.050	37197.395	50024.055	32.467
34.016	1.025	26.884	14.824
1/14/2017 2:00:00 AM	187200.000	8.888	11.573
20.022	53866.605	72446.328	49.233
49.264	1.038	18.564	14.830
1/14/2017 2:30:00 AM	189000.000	8.880	11.570
20.003	37116.977	49922.766	32.393
33.947	1.025	26.942	14.828
1/14/2017 3:00:00 AM	190800.000	8.872	11.566
19.985	37791.996	50835.395	33.053
34.568	1.025	26.461	14.830
1/14/2017 3:30:00 AM	192600.000	8.864	11.561
19.967	37812.746	50870.047	33.077
34.592	1.025	26.446	14.825
1/14/2017 4:00:00 AM	194400.000	8.851	11.553
19.937	37177.512	50025.910	32.466
34.018	1.025	26.898	14.828
1/14/2017 4:30:00 AM	196200.000	8.833	11.543
19.897	41885.617	56375.160	37.095
38.335	1.028	23.875	14.840
1/14/2017 5:00:00 AM	198000.000	8.825	11.531
19.878	50810.465	68409.203	46.122
46.518	1.035	19.681	14.837
1/14/2017 5:30:00 AM	199800.000	8.810	11.516
19.845	49522.434	66701.438	44.818
45.357	1.034	20.193	14.838
1/14/2017 6:00:00 AM	201600.000	8.810	11.496
19.845	34918.152	47054.355	30.325
31.997	1.023	28.638	14.827
1/14/2017 6:30:00 AM	203400.000	8.800	11.483
19.824	44808.141	60402.859	40.071
41.074	1.031	22.317	14.827
1/14/2017 7:00:00 AM	205200.000	8.785	11.470
19.790	53564.941	72231.555	49.048
49.117	1.038	18.669	14.832
1/14/2017 7:30:00 AM	207000.000	8.778	11.455
19.774	50247.313	67782.750	45.631
46.092	1.035	19.902	14.829
1/14/2017 8:00:00 AM	208800.000	8.764	11.439
19.742	47829.281	64548.574	43.175
43.893	1.033	20.908	14.829
1/14/2017 8:30:00 AM	210600.000	8.758	11.423
19.729	44468.688	60038.469	39.791

40.826	1.030	22.488	14.832
1/14/2017 9:00:00 AM	212400.000	8.747	11.405
19.704	41363.660	55870.949	36.706
37.992	1.028	24.176	14.838
1/14/2017 9:30:00 AM	214200.000	8.740	11.388
19.688	37878.945	51187.270	33.287
34.807	1.025	26.400	14.843
1/14/2017 10:00:00 AM	216000.000	8.731	11.371
19.667	31575.916	42688.137	27.214
29.028	1.021	31.670	14.844
1/14/2017 10:30:00 AM	217800.000	8.738	11.356
19.683	28194.959	38132.246	24.028
25.930	1.018	35.467	14.833
1/14/2017 11:00:00 AM	219600.000	8.733	11.341
19.671	26579.193	35960.477	22.526
24.453	1.017	37.623	14.828
1/14/2017 11:30:00 AM	221400.000	8.729	11.329
19.664	26991.104	36529.578	22.918
24.840	1.017	37.049	14.827
1/14/2017 12:00:00 PM	223200.000	8.730	11.318
19.665	28270.160	38271.508	24.122
26.025	1.018	35.373	14.818
1/14/2017 12:30:00 PM	225000.000	8.733	11.309
19.672	25242.418	34180.547	21.303
23.243	1.016	39.616	14.810
1/14/2017 1:00:00 PM	226800.000	8.733	11.301
19.672	26646.869	36089.496	22.612
24.541	1.017	37.528	14.801
1/14/2017 1:30:00 PM	228600.000	8.738	11.297
19.684	22818.203	30907.654	19.078
21.017	1.014	43.825	14.794
1/14/2017 2:00:00 PM	230400.000	8.737	11.292
19.682	23704.145	32112.119	19.893
21.836	1.015	42.187	14.795
1/14/2017 2:30:00 PM	232200.000	8.733	11.287
19.673	21198.785	28721.131	17.607
19.530	1.013	47.173	14.799
1/14/2017 3:00:00 PM	234000.000	8.732	11.286
19.669	20573.873	27875.779	17.042
18.956	1.013	48.605	14.793
1/14/2017 3:30:00 PM	235800.000	8.726	11.282
19.657	23273.588	31536.770	19.503
21.445	1.015	42.967	14.794
1/14/2017 4:00:00 PM	237600.000	8.717	11.280
19.637	23723.635	32147.738	19.917
21.860	1.015	42.152	14.797
1/14/2017 4:30:00 PM	239400.000	8.701	11.277
19.599	22359.025	30301.342	18.668
20.605	1.014	44.725	14.805
1/14/2017 5:00:00 PM	241200.000	8.691	11.273
19.577	25013.121	33901.391	21.110
23.053	1.016	39.979	14.804
1/14/2017 5:30:00 PM	243000.000	8.687	11.270
19.569	24406.494	33082.156	20.551

22.496	1.016	40.973	14.795
1/14/2017 6:00:00 PM	244800.000	8.672	11.267
19.536	26007.002	35254.570	22.036
23.973	1.017	38.451	14.797
1/14/2017 6:30:00 PM	246600.000	8.659	11.264
19.506	30054.918	40744.910	25.841
27.707	1.020	33.272	14.795
1/14/2017 7:00:00 PM	248400.000	8.652	11.261
19.490	30676.736	41590.813	26.433
28.282	1.020	32.598	14.791
1/14/2017 7:30:00 PM	250200.000	8.630	11.259
19.439	33115.031	44899.348	28.767
30.532	1.022	30.198	14.796
1/14/2017 8:00:00 PM	252000.000	8.618	11.255
19.414	33098.836	44881.609	28.754
30.519	1.022	30.213	14.793
1/14/2017 8:30:00 PM	253800.000	8.600	11.252
19.373	30441.268	41281.180	26.215
28.071	1.020	32.850	14.792
1/14/2017 9:00:00 PM	255600.000	8.584	11.248
19.336	28668.455	38880.926	24.540
26.439	1.019	34.882	14.791
1/14/2017 9:30:00 PM	257400.000	8.568	11.246
19.300	37466.266	50815.609	33.002
34.555	1.025	26.691	14.793
1/14/2017 10:00:00 PM	259200.000	8.551	11.244
19.263	36991.797	50174.566	32.539
34.119	1.025	27.033	14.792
1/14/2017 10:30:00 PM	261000.000	8.539	11.242
19.235	35993.195	48822.734	31.566
33.199	1.024	27.783	14.794
1/14/2017 11:00:00 PM	262800.000	8.532	11.240
19.219	36905.055	50061.730	32.457
34.042	1.025	27.097	14.791
1/14/2017 11:30:00 PM	264600.000	8.515	11.238
19.180	36875.215	50024.316	32.430
34.017	1.025	27.118	14.796
1/15/2017 12:00:00 AM	266400.000	8.502	11.236
19.152	36868.668	50018.371	32.426
34.012	1.025	27.123	14.797
1/15/2017 12:30:00 AM	268200.000	8.489	11.234
19.122	36834.559	49974.695	32.394
33.983	1.025	27.148	14.796
1/15/2017 1:00:00 AM	270000.000	8.487	11.233
19.117	36834.320	49975.883	32.395
33.984	1.025	27.149	14.793
1/15/2017 1:30:00 AM	271800.000	8.490	11.231
19.125	36824.535	49964.859	32.386
33.976	1.025	27.156	14.786
1/15/2017 2:00:00 AM	273600.000	8.481	11.230
19.104	36799.625	49932.109	32.363
33.954	1.025	27.174	14.794
1/15/2017 2:30:00 AM	275400.000	8.477	11.228
19.095	36799.125	49933.660	32.364

33.955	1.025	27.175	14.796
1/15/2017 3:00:00 AM	277200.000	8.481	11.227
19.104	36838.410	49988.488	32.403
33.992	1.025	27.146	14.793
1/15/2017 3:30:00 AM	279000.000	8.481	11.226
19.104	36848.039	50003.551	32.414
34.002	1.025	27.138	14.794
1/15/2017 4:00:00 AM	280800.000	8.475	11.225
19.092	36791.027	49927.488	32.359
33.951	1.025	27.181	14.798
1/15/2017 4:30:00 AM	282600.000	8.482	11.222
19.105	36827.805	49980.207	32.397
33.987	1.025	27.153	14.788
1/15/2017 5:00:00 AM	284400.000	8.473	11.220
19.086	36798.625	49943.773	32.370
33.962	1.025	27.175	14.787
1/15/2017 5:30:00 AM	286200.000	8.466	11.218
19.071	36795.203	49942.195	32.369
33.961	1.025	27.177	14.790
1/15/2017 6:00:00 AM	288000.000	8.469	11.215
19.078	36803.477	49956.723	32.379
33.971	1.025	27.171	14.786
1/15/2017 6:30:00 AM	289800.000	8.455	11.212
19.046	36793.277	49946.992	32.372
33.964	1.025	27.179	14.792
1/15/2017 7:00:00 AM	291600.000	8.451	11.206
19.036	36783.500	49941.590	32.367
33.960	1.025	27.186	14.789
1/15/2017 7:30:00 AM	293400.000	8.449	11.198
19.033	36712.117	49855.234	32.304
33.902	1.025	27.239	14.787
1/15/2017 8:00:00 AM	295200.000	8.443	11.186
19.018	36688.367	49838.469	32.290
33.890	1.025	27.257	14.793
1/15/2017 8:30:00 AM	297000.000	8.445	11.172
19.024	36650.383	49804.934	32.265
33.867	1.025	27.285	14.794
1/15/2017 9:00:00 AM	298800.000	8.434	11.156
18.999	36685.996	49873.793	32.313
33.914	1.025	27.258	14.803
1/15/2017 9:30:00 AM	300600.000	8.437	11.140
19.004	36722.488	49943.773	32.361
33.962	1.025	27.231	14.803
1/15/2017 10:00:00 AM	302400.000	8.439	11.127
19.009	36702.293	49933.980	32.353
33.955	1.025	27.246	14.806
1/15/2017 10:30:00 AM	304200.000	8.431	11.108
18.992	36644.914	49879.930	32.312
33.918	1.025	27.289	14.814
1/15/2017 11:00:00 AM	306000.000	8.432	11.097
18.995	36585.668	49813.648	32.263
33.873	1.025	27.333	14.809
1/15/2017 11:30:00 AM	307800.000	8.473	11.086
19.087	36537.941	49762.297	32.224

33.838	1.025	27.369	14.803
1/15/2017 12:00:00 PM	309600.000	8.496	11.076
19.138	36649.020	49927.148	32.342
33.950	1.025	27.286	14.793
1/15/2017 12:30:00 PM	311400.000	8.520	11.068
19.192	36585.672	49851.098	32.286
33.899	1.025	27.333	14.782
1/15/2017 1:00:00 PM	313200.000	8.542	11.058
19.243	36622.598	49914.410	32.331
33.942	1.025	27.306	14.773
1/15/2017 1:30:00 PM	315000.000	8.547	11.050
19.254	36639.930	49948.785	32.355
33.965	1.025	27.293	14.779
1/15/2017 2:00:00 PM	316800.000	8.568	11.044
19.300	36608.570	49913.254	32.328
33.941	1.025	27.316	14.770
1/15/2017 2:30:00 PM	318600.000	8.570	11.038
19.305	36598.836	49908.133	32.324
33.938	1.025	27.323	14.780
1/15/2017 3:00:00 PM	320400.000	8.587	11.032
19.343	36670.879	50013.598	32.399
34.009	1.025	27.270	14.770
1/15/2017 3:30:00 PM	322200.000	8.585	11.027
19.338	36632.688	49968.602	32.366
33.979	1.025	27.298	14.777
1/15/2017 4:00:00 PM	324000.000	8.583	11.022
19.335	36574.855	49896.332	32.314
33.930	1.025	27.341	14.776
1/15/2017 4:30:00 PM	325800.000	8.586	11.017
19.342	36576.473	49904.809	32.319
33.935	1.025	27.340	14.772
1/15/2017 5:00:00 PM	327600.000	8.577	11.012
19.321	36629.922	49984.016	32.376
33.989	1.025	27.300	14.776
1/15/2017 5:30:00 PM	329400.000	8.566	11.008
19.295	36596.852	49944.695	32.347
33.962	1.025	27.325	14.784
1/15/2017 6:00:00 PM	331200.000	8.563	11.004
19.290	36564.762	49905.996	32.319
33.936	1.025	27.349	14.779
1/15/2017 6:30:00 PM	333000.000	8.554	11.000
19.268	36537.195	49873.688	32.295
33.914	1.025	27.369	14.781
1/15/2017 7:00:00 PM	334800.000	8.539	10.996
19.235	36482.051	49802.652	32.243
33.866	1.025	27.411	14.790
1/15/2017 7:30:00 PM	336600.000	8.529	10.993
19.213	36546.770	49895.500	32.310
33.929	1.025	27.362	14.786
1/15/2017 8:00:00 PM	338400.000	8.504	10.990
19.157	36536.938	49886.215	32.303
33.923	1.025	27.370	14.794
1/15/2017 8:30:00 PM	340200.000	8.498	10.986
19.143	36550.703	49909.629	32.319

33.939	1.025	27.359	14.790
1/15/2017 9:00:00 PM	342000.000	8.483	10.983
19.108	36593.059	49971.742	32.364
33.981	1.025	27.328	14.792
1/15/2017 9:30:00 PM	343800.000	8.472	10.979
19.084	36542.797	49907.949	32.317
33.937	1.025	27.365	14.792
1/15/2017 10:00:00 PM	345600.000	8.457	10.976
19.050	36559.504	49934.926	32.336
33.956	1.025	27.353	14.790
1/15/2017 10:30:00 PM	347400.000	8.439	10.973
19.011	36549.953	49925.664	32.329
33.949	1.025	27.360	14.798
1/15/2017 11:00:00 PM	349200.000	8.429	10.971
18.986	36544.199	49920.656	32.325
33.946	1.025	27.364	14.801
1/15/2017 11:30:00 PM	351000.000	8.413	10.969
18.951	36576.402	49967.590	32.359
33.978	1.025	27.340	14.811
1/16/2017 12:00:00 AM	352800.000	8.412	10.966
18.950	36524.469	49899.859	32.310
33.932	1.025	27.379	14.797
1/16/2017 12:30:00 AM	354600.000	8.402	10.965
18.927	36577.934	49975.152	32.364
33.983	1.025	27.339	14.794
1/16/2017 1:00:00 AM	356400.000	8.404	10.963
18.931	36536.453	49920.605	32.324
33.946	1.025	27.370	14.792
1/16/2017 1:30:00 AM	358200.000	8.408	10.960
18.939	36514.875	49894.441	32.305
33.928	1.025	27.386	14.789
1/16/2017 2:00:00 AM	360000.000	8.415	10.959
18.956	36561.543	49959.512	32.352
33.972	1.025	27.351	14.788
1/16/2017 2:30:00 AM	361800.000	8.433	10.957
18.997	36535.059	49925.820	32.328
33.950	1.025	27.371	14.775
1/16/2017 3:00:00 AM	363600.000	8.447	10.956
19.027	36531.430	49922.867	32.325
33.948	1.025	27.374	14.779
1/16/2017 3:30:00 AM	365400.000	8.448	10.953
19.029	36566.457	49974.176	32.362
33.982	1.025	27.347	14.789
1/16/2017 4:00:00 AM	367200.000	8.455	10.950
19.046	36517.281	49911.234	32.316
33.940	1.025	27.384	14.788
1/16/2017 4:30:00 AM	369000.000	8.467	10.947
19.073	36593.391	50019.773	32.394
34.013	1.025	27.327	14.784
1/16/2017 5:00:00 AM	370800.000	8.477	10.941
19.096	36561.539	49983.480	32.367
33.989	1.025	27.351	14.780
1/16/2017 5:30:00 AM	372600.000	8.478	10.934
19.097	36565.227	49996.969	32.376

33.998	1.025	27.348	14.792
1/16/2017 6:00:00 AM	374400.000	8.477	10.927
19.094	36537.586	49968.793	32.355
33.979	1.025	27.369	14.795
1/16/2017 6:30:00 AM	376200.000	8.480	10.919
19.102	36566.695	50018.711	32.390
34.013	1.025	27.347	14.793
1/16/2017 7:00:00 AM	378000.000	8.485	10.911
19.113	36527.914	49976.840	32.359
33.984	1.025	27.376	14.789
1/16/2017 7:30:00 AM	379800.000	8.476	10.901
19.094	36511.637	49967.762	32.351
33.978	1.025	27.389	14.797
1/16/2017 8:00:00 AM	381600.000	8.481	10.890
19.104	36515.184	49987.242	32.364
33.991	1.025	27.386	14.792
1/16/2017 8:30:00 AM	383400.000	8.463	10.878
19.063	36507.066	49991.113	32.366
33.994	1.025	27.392	14.808
1/16/2017 9:00:00 AM	385200.000	8.461	10.866
19.060	36471.184	49957.332	32.340
33.971	1.025	27.419	14.808
1/16/2017 9:30:00 AM	387000.000	8.462	10.856
19.062	36494.297	50002.805	32.371
34.002	1.025	27.402	14.801
1/16/2017 10:00:00 AM	388800.000	8.455	10.846
19.046	36424.012	49919.598	32.310
33.945	1.025	27.454	14.812
1/16/2017 10:30:00 AM	390600.000	8.456	10.833
19.049	36444.938	49965.309	32.342
33.976	1.025	27.439	14.815
1/16/2017 11:00:00 AM	392400.000	8.451	10.822
19.038	36488.207	50039.078	32.394
34.027	1.025	27.406	14.809
1/16/2017 11:30:00 AM	394200.000	8.455	10.814
19.046	36493.672	50056.117	32.405
34.038	1.025	27.402	14.811
1/16/2017 12:00:00 PM	396000.000	8.471	10.808
19.082	36472.832	50036.254	32.390
34.025	1.025	27.418	14.795
1/16/2017 12:30:00 PM	397800.000	8.492	10.799
19.130	36447.961	50013.121	32.372
34.009	1.025	27.436	14.790
1/16/2017 1:00:00 PM	399600.000	8.513	10.791
19.177	36472.715	50058.461	32.404
34.040	1.025	27.418	14.786
1/16/2017 1:30:00 PM	401400.000	8.566	10.786
19.296	36476.867	50070.730	32.412
34.048	1.025	27.415	14.778
1/16/2017 2:00:00 PM	403200.000	8.606	10.778
19.387	36449.813	50043.379	32.392
34.029	1.025	27.435	14.770
1/16/2017 2:30:00 PM	405000.000	8.627	10.772
19.433	36440.301	50038.828	32.388

34.026	1.025	27.442	14.775
1/16/2017 3:00:00 PM	406800.000	8.646	10.765
19.476	36447.383	50057.516	32.400
34.039	1.025	27.437	14.770
1/16/2017 3:30:00 PM	408600.000	8.658	10.759
19.503	36422.527	50030.934	32.380
34.021	1.025	27.456	14.769
1/16/2017 4:00:00 PM	410400.000	8.664	10.754
19.516	36439.332	50060.695	32.401
34.041	1.025	27.443	14.769
1/16/2017 4:30:00 PM	412200.000	8.655	10.749
19.496	36439.824	50068.703	32.406
34.047	1.025	27.443	14.775
1/16/2017 5:00:00 PM	414000.000	8.662	10.742
19.511	36426.816	50058.969	32.399
34.040	1.025	27.452	14.765
1/16/2017 5:30:00 PM	415800.000	8.652	10.737
19.489	36432.453	50073.664	32.409
34.050	1.025	27.448	14.770
1/16/2017 6:00:00 PM	417600.000	8.650	10.732
19.484	36408.477	50047.063	32.389
34.032	1.025	27.466	14.775
1/16/2017 6:30:00 PM	419400.000	8.647	10.727
19.479	36420.090	50069.496	32.404
34.047	1.025	27.457	14.769
1/16/2017 7:00:00 PM	421200.000	8.634	10.723
19.449	36411.297	50062.434	32.399
34.042	1.025	27.464	14.769
1/16/2017 7:30:00 PM	423000.000	8.621	10.719
19.420	36405.816	50060.188	32.397
34.041	1.025	27.468	14.775
1/16/2017 8:00:00 PM	424800.000	8.611	10.715
19.398	36416.230	50079.664	32.410
34.054	1.025	27.460	14.771
1/16/2017 8:30:00 PM	426600.000	8.598	10.713
19.367	36367.789	50016.742	32.365
34.011	1.025	27.497	14.779
1/16/2017 9:00:00 PM	428400.000	8.578	10.709
19.323	36376.426	50033.297	32.376
34.023	1.025	27.490	14.790
1/16/2017 9:30:00 PM	430200.000	8.570	10.705
19.304	36371.543	50031.621	32.375
34.022	1.025	27.494	14.778
1/16/2017 10:00:00 PM	432000.000	8.548	10.703
19.254	36372.148	50035.695	32.377
34.024	1.025	27.494	14.785
1/16/2017 10:30:00 PM	433800.000	8.539	10.700
19.234	36394.281	50069.973	32.402
34.048	1.025	27.477	14.779
1/16/2017 11:00:00 PM	435600.000	8.521	10.697
19.195	36389.285	50066.598	32.399
34.045	1.025	27.481	14.785
1/16/2017 11:30:00 PM	437400.000	8.523	10.695
19.199	36383.340	50061.520	32.395

34.042	1.025	27.485	14.774
1/17/2017 12:00:00 AM	439200.000	8.508	10.693
19.164	36370.285	50046.098	32.384
34.031	1.025	27.495	14.778
1/17/2017 12:30:00 AM	441000.000	8.497	10.691
19.141	36390.887	50076.473	32.405
34.052	1.025	27.479	14.776
1/17/2017 1:00:00 AM	442800.000	8.489	10.690
19.123	36347.008	50017.898	32.363
34.012	1.025	27.513	14.780
1/17/2017 1:30:00 AM	444600.000	8.494	10.690
19.135	36346.230	50016.828	32.362
34.011	1.025	27.513	14.775
1/17/2017 2:00:00 AM	446400.000	8.492	10.691
19.129	36400.805	50091.207	32.416
34.062	1.025	27.472	14.780
1/17/2017 2:30:00 AM	448200.000	8.494	10.691
19.133	36363.793	50039.406	32.379
34.027	1.025	27.500	14.775
1/17/2017 3:00:00 AM	450000.000	8.488	10.691
19.119	36376.484	50057.504	32.392
34.039	1.025	27.490	14.777
1/17/2017 3:30:00 AM	451800.000	8.513	10.689
19.176	36365.477	50044.148	32.382
34.030	1.025	27.499	14.767
1/17/2017 4:00:00 AM	453600.000	8.518	10.686
19.187	36356.891	50036.633	32.376
34.025	1.025	27.505	14.775
1/17/2017 4:30:00 AM	455400.000	8.522	10.683
19.196	36350.781	50032.438	32.373
34.022	1.025	27.510	14.773
1/17/2017 5:00:00 AM	457200.000	8.524	10.678
19.201	36336.855	50019.383	32.363
34.013	1.025	27.520	14.784
1/17/2017 5:30:00 AM	459000.000	8.536	10.672
19.228	36349.441	50045.238	32.381
34.031	1.025	27.511	14.775
1/17/2017 6:00:00 AM	460800.000	8.537	10.665
19.231	36353.281	50059.652	32.390
34.041	1.025	27.508	14.772
1/17/2017 6:30:00 AM	462600.000	8.539	10.657
19.234	36350.637	50066.332	32.394
34.045	1.025	27.510	14.773
1/17/2017 7:00:00 AM	464400.000	8.541	10.648
19.240	36325.102	50043.074	32.376
34.029	1.025	27.529	14.773
1/17/2017 7:30:00 AM	466200.000	8.535	10.639
19.227	36341.152	50076.594	32.399
34.052	1.025	27.517	14.775
1/17/2017 8:00:00 AM	468000.000	8.535	10.631
19.226	36283.891	50008.629	32.349
34.006	1.025	27.560	14.769
1/17/2017 8:30:00 AM	469800.000	8.538	10.622
19.233	36336.184	50092.852	32.409

34.063	1.025	27.521	14.749
1/17/2017 9:00:00 AM	471600.000	8.519	10.612
19.191	36288.789	50040.371	32.370
34.027	1.025	27.557	14.770
1/17/2017 9:30:00 AM	473400.000	8.514	10.603
19.179	36312.754	50085.840	32.402
34.058	1.025	27.539	14.795
1/17/2017 10:00:00 AM	475200.000	8.508	10.592
19.164	36278.289	50051.789	32.376
34.035	1.025	27.565	14.801
1/17/2017 10:30:00 AM	477000.000	8.499	10.583
19.146	36271.770	50054.699	32.377
34.037	1.025	27.570	14.806
1/17/2017 11:00:00 AM	478800.000	8.495	10.576
19.135	36251.285	50036.680	32.363
34.025	1.025	27.585	14.797
1/17/2017 11:30:00 AM	480600.000	8.489	10.568
19.122	36280.129	50086.141	32.398
34.059	1.025	27.563	14.792
1/17/2017 12:00:00 PM	482400.000	8.484	10.560
19.111	36270.891	50083.766	32.395
34.057	1.025	27.570	14.787
1/17/2017 12:30:00 PM	484200.000	8.483	10.555
19.109	36238.996	50046.941	32.368
34.032	1.025	27.595	14.778
1/17/2017 1:00:00 PM	486000.000	8.477	10.549
19.095	36210.352	50015.227	32.345
34.010	1.025	27.616	14.778
1/17/2017 1:30:00 PM	487800.000	8.482	10.545
19.107	36228.051	50045.332	32.366
34.031	1.025	27.603	14.768
1/17/2017 2:00:00 PM	489600.000	8.476	10.540
19.094	36227.168	50050.152	32.369
34.034	1.025	27.604	14.774
1/17/2017 2:30:00 PM	491400.000	8.479	10.536
19.099	36210.078	50031.484	32.355
34.021	1.025	27.617	14.770
1/17/2017 3:00:00 PM	493200.000	8.480	10.534
19.102	36238.668	50074.379	32.385
34.051	1.025	27.595	14.772
1/17/2017 3:30:00 PM	495000.000	8.481	10.532
19.105	36235.773	50073.270	32.384
34.050	1.025	27.597	14.772
1/17/2017 4:00:00 PM	496800.000	8.477	10.530
19.096	36230.922	50069.328	32.381
34.047	1.025	27.601	14.775
1/17/2017 4:30:00 PM	498600.000	8.467	10.527
19.073	36222.453	50060.879	32.375
34.041	1.025	27.607	14.790
1/17/2017 5:00:00 PM	500400.000	8.471	10.525
19.083	36213.324	50051.648	32.368
34.035	1.025	27.614	14.789
1/17/2017 5:30:00 PM	502200.000	8.466	10.524
19.071	36216.320	50057.117	32.372

34.039	1.025	27.612	14.794
1/17/2017 6:00:00 PM	504000.000	8.466	10.521
19.071	36245.230	50100.461	32.402
34.068	1.025	27.590	14.790
1/17/2017 6:30:00 PM	505800.000	8.458	10.519
19.054	36211.469	50056.699	32.371
34.039	1.025	27.616	14.796
1/17/2017 7:00:00 PM	507600.000	8.447	10.516
19.028	36239.098	50098.152	32.400
34.067	1.025	27.595	14.797
1/17/2017 7:30:00 PM	509400.000	8.445	10.514
19.023	36220.992	50076.258	32.384
34.052	1.025	27.608	14.798
1/17/2017 8:00:00 PM	511200.000	8.433	10.511
18.997	36200.039	50050.680	32.366
34.034	1.025	27.624	14.802
1/17/2017 8:30:00 PM	513000.000	8.424	10.509
18.976	36211.750	50070.477	32.379
34.048	1.025	27.615	14.805
1/17/2017 9:00:00 PM	514800.000	8.411	10.506
18.948	36215.406	50078.563	32.385
34.053	1.025	27.613	14.802
1/17/2017 9:30:00 PM	516600.000	8.406	10.504
18.935	36206.844	50069.754	32.378
34.047	1.025	27.619	14.794
1/17/2017 10:00:00 PM	518400.000	8.397	10.502
18.914	36195.277	50056.406	32.369
34.038	1.025	27.628	14.790
1/17/2017 10:30:00 PM	520200.000	8.377	10.500
18.870	36181.305	50039.855	32.356
34.027	1.025	27.639	14.795
1/17/2017 11:00:00 PM	522000.000	8.379	10.498
18.874	36241.094	50124.980	32.417
34.085	1.025	27.593	14.787
1/17/2017 11:30:00 PM	523800.000	8.355	10.497
18.821	36221.652	50099.902	32.399
34.068	1.025	27.608	14.792
1/18/2017 12:00:00 AM	525600.000	8.359	10.494
18.829	36174.094	50037.375	32.354
34.025	1.025	27.644	14.777
1/18/2017 12:30:00 AM	527400.000	8.350	10.493
18.810	36180.336	50047.477	32.361
34.032	1.025	27.639	14.775
1/18/2017 1:00:00 AM	529200.000	8.347	10.492
18.802	36186.617	50058.203	32.369
34.040	1.025	27.635	14.775
1/18/2017 1:30:00 AM	531000.000	8.345	10.490
18.799	36192.629	50068.105	32.376
34.046	1.025	27.630	14.784
1/18/2017 2:00:00 AM	532800.000	8.347	10.490
18.802	36188.781	50063.879	32.372
34.043	1.025	27.633	14.784
1/18/2017 2:30:00 AM	534600.000	8.347	10.488
18.803	36167.313	50035.973	32.352

34.024	1.025	27.649	14.791
1/18/2017 3:00:00 AM	536400.000	8.350	10.488
18.810	36178.859	50052.926	32.364
34.036	1.025	27.640	14.782
1/18/2017 3:30:00 AM	538200.000	8.367	10.486
18.846	36192.031	50072.715	32.378
34.049	1.025	27.630	14.785
1/18/2017 4:00:00 AM	540000.000	8.382	10.485
18.882	36175.738	50051.977	32.363
34.035	1.025	27.643	14.777
1/18/2017 4:30:00 AM	541800.000	8.392	10.484
18.905	36181.152	50061.289	32.370
34.042	1.025	27.639	14.784
1/18/2017 5:00:00 AM	543600.000	8.399	10.483
18.920	36200.691	50089.789	32.390
34.061	1.025	27.624	14.785
1/18/2017 5:30:00 AM	545400.000	8.419	10.482
18.966	36181.105	50063.648	32.371
34.043	1.025	27.639	14.778
1/18/2017 6:00:00 AM	547200.000	8.432	10.480
18.994	36193.422	50082.613	32.385
34.056	1.025	27.629	14.779
1/18/2017 6:30:00 AM	549000.000	8.441	10.479
19.014	36203.176	50097.566	32.395
34.066	1.025	27.622	14.789
1/18/2017 7:00:00 AM	550800.000	8.452	10.478
19.038	36206.734	50103.695	32.400
34.071	1.025	27.619	14.770
1/18/2017 7:30:00 AM	552600.000	8.448	10.476
19.030	36157.488	50038.465	32.353
34.026	1.025	27.657	14.776
1/18/2017 8:00:00 AM	554400.000	8.454	10.475
19.044	36200.504	50098.844	32.396
34.067	1.025	27.624	14.758
1/18/2017 8:30:00 AM	556200.000	8.453	10.474
19.042	36196.996	50095.914	32.394
34.065	1.025	27.627	14.755
1/18/2017 9:00:00 AM	558000.000	8.464	10.473
19.067	36190.734	50088.703	32.388
34.060	1.025	27.631	14.741
1/18/2017 9:30:00 AM	559800.000	8.457	10.471
19.050	36175.430	50069.582	32.374
34.047	1.025	27.643	14.738
1/18/2017 10:00:00 AM	561600.000	8.460	10.471
19.058	36203.953	50109.543	32.403
34.074	1.025	27.621	14.742
1/18/2017 10:30:00 AM	563400.000	8.458	10.470
19.053	36151.938	50038.410	32.352
34.026	1.025	27.661	14.777
1/18/2017 11:00:00 AM	565200.000	8.455	10.470
19.045	36198.629	50103.035	32.398
34.070	1.025	27.625	14.776
1/18/2017 11:30:00 AM	567000.000	8.449	10.470
19.031	36133.117	50012.473	32.333

34.008	1.025	27.675	14.773
1/18/2017 12:00:00 PM	568800.000	8.449	10.471
19.032	36189.156	50089.418	32.389
34.061	1.025	27.633	14.760
1/18/2017 12:30:00 PM	570600.000	8.444	10.471
19.020	36173.262	50066.691	32.372
34.045	1.025	27.645	14.746
1/18/2017 1:00:00 PM	572400.000	8.441	10.472
19.014	36149.672	50033.449	32.348
34.023	1.025	27.663	14.740
1/18/2017 1:30:00 PM	574200.000	8.445	10.472
19.023	36166.215	50055.363	32.364
34.038	1.025	27.650	14.725
1/18/2017 2:00:00 PM	576000.000	8.444	10.473
19.022	36187.637	50084.660	32.385
34.058	1.025	27.634	14.714
1/18/2017 2:30:00 PM	577800.000	8.437	10.473
19.006	36174.594	50065.992	32.372
34.045	1.025	27.644	14.700
1/18/2017 3:00:00 PM	579600.000	8.454	10.474
19.044	36200.168	50099.820	32.396
34.068	1.025	27.624	14.676
1/18/2017 3:30:00 PM	581400.000	8.444	10.476
19.021	36187.133	50079.602	32.382
34.054	1.025	27.634	14.667
1/18/2017 4:00:00 PM	583200.000	8.443	10.477
19.020	36148.625	50024.855	32.343
34.017	1.025	27.664	14.672
1/18/2017 4:30:00 PM	585000.000	8.450	10.479
19.034	36221.473	50123.605	32.414
34.084	1.025	27.608	14.654
1/18/2017 5:00:00 PM	586800.000	8.447	10.481
19.029	36182.168	50066.449	32.373
34.045	1.025	27.638	14.647
1/18/2017 5:30:00 PM	588600.000	8.459	10.483
19.056	36211.555	50104.324	32.401
34.071	1.025	27.615	14.635
1/18/2017 6:00:00 PM	590400.000	8.453	10.484
19.041	36211.406	50102.672	32.400
34.070	1.025	27.616	14.630
1/18/2017 6:30:00 PM	592200.000	8.454	10.485
19.045	36191.496	50073.309	32.379
34.050	1.025	27.631	14.629
1/18/2017 7:00:00 PM	594000.000	8.449	10.487
19.032	36200.910	50083.656	32.386
34.057	1.025	27.624	14.631
1/18/2017 7:30:00 PM	595800.000	8.455	10.488
19.047	36214.059	50100.645	32.399
34.068	1.025	27.614	14.635
1/18/2017 8:00:00 PM	597600.000	8.449	10.489
19.033	36212.980	50097.820	32.397
34.067	1.025	27.614	14.639
1/18/2017 8:30:00 PM	599400.000	8.453	10.490
19.042	36187.059	50060.398	32.370

34.041	1.025	27.634	14.641
1/18/2017 9:00:00 PM	601200.000	8.441	10.491
19.013	36229.504	50118.984	32.412
34.081	1.025	27.602	14.653
1/18/2017 9:30:00 PM	603000.000	8.445	10.491
19.022	36176.355	50044.254	32.359
34.030	1.025	27.642	14.647
1/18/2017 10:00:00 PM	604800.000	8.432	10.492
18.995	36212.246	50093.063	32.394
34.063	1.025	27.615	14.658
1/18/2017 10:30:00 PM	606600.000	8.426	10.492
18.981	36164.441	50026.453	32.346
34.018	1.025	27.651	14.660
1/18/2017 11:00:00 PM	608400.000	8.420	10.493
18.966	36216.250	50097.156	32.397
34.066	1.025	27.612	14.656
1/18/2017 11:30:00 PM	610200.000	8.424	10.494
18.975	36206.637	50082.766	32.387
34.056	1.025	27.619	14.657

Report Date: 1/20/2017 2:17:11 PM
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_2017-01-20_13-43-14-345.wsl
Create Date: 1/20/2017 1:43:10 PM

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

Log Data:
Record Count: 1091
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
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)	
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1/12/2017 12:00:00 AM	241200.000		12.186	15.376
27.450	38043.266		46610.934	30.330
31.695	26.286		1.022	
1/12/2017 12:15:00 AM	242100.000		12.113	15.373
27.285	38043.387		46614.945	30.333
31.698	26.286		1.022	
1/12/2017 12:30:00 AM	243000.000		12.085	15.365
27.222	38034.430		46612.465	30.331
31.696	26.292		1.022	
1/12/2017 12:45:00 AM	243900.000		11.893	15.365
26.791	38001.895		46572.977	30.302
31.670	26.314		1.022	
1/12/2017 1:00:00 AM	244800.000		11.824	15.359
26.634	38046.688		46634.445	30.346
31.711	26.283		1.022	
1/12/2017 1:15:00 AM	245700.000		11.853	15.357
26.701	38020.707		46604.531	30.324
31.691	26.301		1.022	
1/12/2017 1:30:00 AM	246600.000		11.593	15.351
26.114	38037.434		46630.930	30.343
31.709	26.290		1.022	
1/12/2017 1:45:00 AM	247500.000		11.543	15.346
26.001	38054.082		46656.949	30.362
31.727	26.278		1.022	

1/12/2017 2:00:00 AM	248400.000	11.420	15.356
25.724	38060.832	46654.590	30.361
31.725	26.274	1.022	
1/12/2017 2:15:00 AM	249300.000	11.431	15.364
25.750	37999.898	46571.020	30.301
31.668	26.316	1.022	
1/12/2017 2:30:00 AM	250200.000	11.426	15.357
25.739	38035.457	46622.902	30.338
31.704	26.291	1.022	
1/12/2017 2:45:00 AM	251100.000	11.442	15.367
25.774	37997.641	46565.254	30.297
31.664	26.317	1.022	
1/12/2017 3:00:00 AM	252000.000	11.470	15.362
25.836	37978.324	46547.082	30.283
31.652	26.331	1.022	
1/12/2017 3:15:00 AM	252900.000	11.820	15.364
26.625	37944.262	46503.313	30.252
31.622	26.354	1.022	
1/12/2017 3:30:00 AM	253800.000	11.919	15.376
26.848	37900.293	46436.051	30.204
31.577	26.385	1.022	
1/12/2017 3:45:00 AM	254700.000	11.936	15.376
26.887	37932.164	46474.906	30.232
31.603	26.363	1.022	
1/12/2017 4:00:00 AM	255600.000	11.886	15.376
26.775	37955.137	46503.531	30.253
31.622	26.347	1.022	
1/12/2017 4:15:00 AM	256500.000	11.943	15.376
26.903	37895.070	46430.137	30.200
31.572	26.389	1.022	
1/12/2017 4:30:00 AM	257400.000	11.973	15.376
26.971	37864.891	46392.566	30.172
31.547	26.410	1.022	
1/12/2017 4:45:00 AM	258300.000	11.959	15.378
26.938	37896.027	46429.098	30.199
31.572	26.388	1.022	
1/12/2017 5:00:00 AM	259200.000	11.927	15.380
26.868	37875.438	46401.168	30.179
31.553	26.402	1.022	
1/12/2017 5:15:00 AM	260100.000	11.956	15.375
26.931	37877.031	46408.895	30.184
31.558	26.401	1.022	
1/12/2017 5:30:00 AM	261000.000	11.966	15.376
26.955	37882.918	46414.656	30.188
31.562	26.397	1.022	
1/12/2017 5:45:00 AM	261900.000	11.823	15.372
26.632	37856.148	46386.770	30.168
31.543	26.416	1.022	
1/12/2017 6:00:00 AM	262800.000	11.799	15.367
26.579	37893.867	46437.688	30.204
31.578	26.389	1.022	
1/12/2017 6:15:00 AM	263700.000	11.839	15.367
26.669	37854.465	46389.797	30.170
31.545	26.417	1.022	
1/12/2017 6:30:00 AM	264600.000	11.837	15.368
26.664	37875.121	46413.477	30.187

31.561	26.403	1.022	
1/12/2017 6:45:00 AM	265500.000	11.865	15.369
26.727	37855.355	46388.961	30.169
31.544	26.416	1.022	
1/12/2017 7:00:00 AM	266400.000	11.868	15.367
26.734	37885.344	46427.535	30.197
31.571	26.395	1.022	
1/12/2017 7:15:00 AM	267300.000	11.885	15.371
26.771	37863.102	46396.441	30.175
31.550	26.411	1.022	
1/12/2017 7:30:00 AM	268200.000	11.904	15.372
26.815	37846.961	46375.023	30.159
31.535	26.422	1.022	
1/12/2017 7:45:00 AM	269100.000	11.886	15.375
26.775	37797.219	46310.523	30.113
31.491	26.457	1.022	
1/12/2017 8:00:00 AM	270000.000	11.965	15.375
26.953	37820.027	46339.230	30.134
31.511	26.441	1.022	
1/12/2017 8:15:00 AM	270900.000	12.043	15.378
27.128	37806.340	46318.734	30.119
31.497	26.451	1.022	
1/12/2017 8:30:00 AM	271800.000	12.076	15.379
27.203	37756.668	46257.297	30.075
31.455	26.485	1.022	
1/12/2017 8:45:00 AM	272700.000	12.137	15.379
27.340	37739.992	46236.379	30.060
31.441	26.497	1.022	
1/12/2017 9:00:00 AM	273600.000	12.098	15.383
27.252	37726.953	46216.391	30.046
31.427	26.506	1.022	
1/12/2017 9:15:00 AM	274500.000	12.152	15.387
27.373	37737.441	46225.020	30.052
31.433	26.499	1.022	
1/12/2017 9:30:00 AM	275400.000	12.225	15.387
27.537	37702.656	46181.742	30.021
31.404	26.523	1.022	
1/12/2017 9:45:00 AM	276300.000	12.186	15.391
27.450	37685.664	46157.207	30.003
31.387	26.535	1.022	
1/12/2017 10:00:00 AM	277200.000	12.226	15.394
27.540	37643.445	46102.254	29.964
31.350	26.565	1.022	
1/12/2017 10:15:00 AM	278100.000	12.199	15.396
27.480	37619.898	46070.934	29.941
31.328	26.582	1.022	
1/12/2017 10:30:00 AM	279000.000	12.197	15.391
27.475	37697.145	46171.465	30.014
31.397	26.527	1.022	
1/12/2017 10:45:00 AM	279900.000	12.191	15.381
27.461	37691.453	46174.535	30.015
31.399	26.531	1.022	
1/12/2017 11:00:00 AM	280800.000	12.176	15.313
27.428	37765.570	46339.816	30.130
31.511	26.479	1.022	
1/12/2017 11:15:00 AM	281700.000	12.051	15.363

27.146	37685.547	46187.574	30.023
31.408	26.535	1.022	
1/12/2017 11:30:00 AM	282600.000	12.043	15.372
27.129	37685.621	46177.617	30.017
31.401	26.535	1.022	
1/12/2017 11:45:00 AM	283500.000	11.942	15.365
26.902	37746.996	46260.117	30.076
31.457	26.492	1.022	
1/12/2017 12:00:00 PM	284400.000	11.824	15.360
26.635	37747.508	46265.820	30.080
31.461	26.492	1.022	
1/12/2017 12:15:00 PM	285300.000	11.829	15.355
26.647	37757.594	46284.121	30.093
31.473	26.485	1.022	
1/12/2017 12:30:00 PM	286200.000	11.684	15.350
26.319	37803.766	46345.723	30.137
31.515	26.452	1.022	
1/12/2017 12:45:00 PM	287100.000	11.635	15.346
26.209	37797.121	46342.180	30.134
31.513	26.457	1.022	
1/12/2017 1:00:00 PM	288000.000	11.606	15.343
26.145	37815.660	46368.664	30.153
31.531	26.444	1.022	
1/12/2017 1:15:00 PM	288900.000	11.536	15.342
25.987	37869.410	46435.441	30.201
31.576	26.407	1.022	
1/12/2017 1:30:00 PM	289800.000	11.425	15.356
25.735	37761.504	46287.188	30.095
31.475	26.482	1.022	
1/12/2017 1:45:00 PM	290700.000	11.346	15.361
25.558	37797.445	46325.875	30.123
31.502	26.457	1.022	
1/12/2017 2:00:00 PM	291600.000	11.247	15.362
25.336	37814.035	46345.727	30.138
31.515	26.445	1.022	
1/12/2017 2:15:00 PM	292500.000	11.215	15.362
25.263	37797.004	46324.563	30.122
31.501	26.457	1.022	
1/12/2017 2:30:00 PM	293400.000	11.115	15.363
25.039	37823.594	46356.285	30.145
31.522	26.439	1.022	
1/12/2017 2:45:00 PM	294300.000	10.935	15.363
24.632	37800.484	46327.961	30.125
31.503	26.455	1.022	
1/12/2017 3:00:00 PM	295200.000	10.952	15.362
24.671	37828.176	46362.867	30.150
31.527	26.435	1.022	
1/12/2017 3:15:00 PM	296100.000	10.877	15.360
24.502	37799.949	46330.953	30.127
31.505	26.455	1.022	
1/12/2017 3:30:00 PM	297000.000	10.816	15.357
24.363	37794.234	46326.250	30.123
31.502	26.459	1.022	
1/12/2017 3:45:00 PM	297900.000	10.739	15.361
24.191	37799.578	46328.977	30.125
31.504	26.455	1.022	

1/12/2017 4:00:00 PM	298800.000	10.684	15.362
24.066	37817.676	46349.898	30.141
31.518	26.443	1.022	
1/12/2017 4:15:00 PM	299700.000	10.859	15.359
24.460	37740.746	46258.957	30.075
31.456	26.497	1.022	
1/12/2017 4:30:00 PM	300600.000	11.248	15.359
25.338	37727.531	46243.348	30.063
31.445	26.506	1.022	
1/12/2017 4:45:00 PM	301500.000	11.326	15.362
25.513	37762.379	46282.707	30.092
31.472	26.481	1.022	
1/12/2017 5:00:00 PM	302400.000	11.317	15.362
25.493	37755.406	46273.293	30.085
31.466	26.486	1.022	
1/12/2017 5:15:00 PM	303300.000	11.396	15.356
25.670	37762.707	46289.715	30.097
31.477	26.481	1.022	
1/12/2017 5:30:00 PM	304200.000	11.338	15.360
25.539	37710.523	46220.586	30.047
31.430	26.518	1.022	
1/12/2017 5:45:00 PM	305100.000	11.376	15.356
25.625	37760.063	46286.098	30.094
31.475	26.483	1.022	
1/12/2017 6:00:00 PM	306000.000	11.319	15.359
25.498	37761.012	46284.094	30.093
31.473	26.482	1.022	
1/12/2017 6:15:00 PM	306900.000	11.293	15.354
25.439	37767.059	46296.203	30.101
31.481	26.478	1.022	
1/12/2017 6:30:00 PM	307800.000	11.248	15.356
25.336	37741.086	46262.648	30.077
31.459	26.496	1.022	
1/12/2017 6:45:00 PM	308700.000	11.280	15.358
25.410	37756.000	46279.203	30.089
31.470	26.486	1.022	
1/12/2017 7:00:00 PM	309600.000	11.231	15.360
25.298	37740.270	46257.703	30.074
31.455	26.497	1.022	
1/12/2017 7:15:00 PM	310500.000	11.270	15.360
25.387	37731.348	46246.871	30.066
31.448	26.503	1.022	
1/12/2017 7:30:00 PM	311400.000	11.228	15.358
25.291	37756.574	46279.039	30.089
31.470	26.485	1.022	
1/12/2017 7:45:00 PM	312300.000	11.298	15.363
25.450	37714.590	46222.777	30.049
31.431	26.515	1.022	
1/12/2017 8:00:00 PM	313200.000	11.281	15.359
25.411	37784.262	46312.023	30.113
31.492	26.466	1.022	
1/12/2017 8:15:00 PM	314100.000	11.388	15.362
25.654	37708.578	46216.672	30.044
31.427	26.519	1.022	
1/12/2017 8:30:00 PM	315000.000	11.389	15.362
25.655	37691.570	46195.922	30.029

31.413	26.531	1.022	
1/12/2017 8:45:00 PM	315900.000	11.364	15.360
25.598	37732.332	46247.504	30.066
31.448	26.502	1.022	
1/12/2017 9:00:00 PM	316800.000	11.374	15.360
25.621	37711.039	46221.027	30.047
31.430	26.517	1.022	
1/12/2017 9:15:00 PM	317700.000	11.436	15.356
25.761	37684.438	46192.918	30.027
31.411	26.536	1.022	
1/12/2017 9:30:00 PM	318600.000	11.461	15.357
25.817	37673.719	46178.723	30.017
31.402	26.544	1.022	
1/12/2017 9:45:00 PM	319500.000	11.470	15.356
25.838	37674.488	46180.922	30.018
31.403	26.543	1.022	
1/12/2017 10:00:00 PM	320400.000	11.487	15.343
25.877	37725.215	46256.813	30.072
31.455	26.507	1.022	
1/12/2017 10:15:00 PM	321300.000	11.482	15.348
25.863	37669.602	46184.105	30.020
31.405	26.547	1.022	
1/12/2017 10:30:00 PM	322200.000	11.490	15.352
25.883	37636.777	46139.277	29.988
31.375	26.570	1.022	
1/12/2017 10:45:00 PM	323100.000	11.558	15.348
26.036	37679.211	46195.695	30.028
31.413	26.540	1.022	
1/12/2017 11:00:00 PM	324000.000	11.507	15.349
25.920	37631.840	46136.188	29.985
31.373	26.573	1.022	
1/12/2017 11:15:00 PM	324900.000	11.483	15.351
25.868	37615.180	46113.566	29.969
31.357	26.585	1.022	
1/12/2017 11:30:00 PM	325800.000	11.408	15.360
25.697	37683.672	46188.055	30.024
31.408	26.537	1.022	
1/12/2017 11:45:00 PM	326700.000	11.365	15.363
25.602	37647.551	46140.242	29.989
31.375	26.562	1.022	
1/13/2017 12:00:00 AM	327600.000	11.359	15.365
25.587	37670.871	46167.191	30.009
31.394	26.546	1.022	
1/13/2017 12:15:00 AM	328500.000	11.301	15.365
25.456	37674.531	46170.914	30.011
31.396	26.543	1.022	
1/13/2017 12:30:00 AM	329400.000	11.238	15.369
25.314	37652.598	46139.738	29.989
31.375	26.559	1.022	
1/13/2017 12:45:00 AM	330300.000	11.201	15.363
25.230	37669.637	46167.406	30.009
31.394	26.547	1.022	
1/13/2017 1:00:00 AM	331200.000	10.984	15.364
24.743	37685.195	46185.336	30.022
31.406	26.536	1.022	
1/13/2017 1:15:00 AM	332100.000	11.015	15.365

24.813	37647.637	46138.051	29.988
31.374	26.562	1.022	
1/13/2017 1:30:00 AM	333000.000	10.914	15.364
24.584	37694.602	46196.664	30.030
31.414	26.529	1.022	
1/13/2017 1:45:00 AM	333900.000	10.816	15.365
24.363	37700.258	46203.207	30.035
31.418	26.525	1.022	
1/13/2017 2:00:00 AM	334800.000	10.816	15.365
24.363	37666.188	46160.996	30.004
31.389	26.549	1.022	
1/13/2017 2:15:00 AM	335700.000	10.706	15.365
24.116	37637.453	46125.867	29.979
31.366	26.569	1.022	
1/13/2017 2:30:00 AM	336600.000	10.696	15.368
24.094	37632.957	46117.008	29.973
31.360	26.572	1.022	
1/13/2017 2:45:00 AM	337500.000	10.746	15.368
24.207	37660.004	46150.727	29.997
31.382	26.553	1.022	
1/13/2017 3:00:00 AM	338400.000	10.815	15.366
24.361	37674.023	46169.820	30.011
31.395	26.543	1.022	
1/13/2017 3:15:00 AM	339300.000	11.218	15.369
25.269	37630.082	46112.621	29.970
31.357	26.574	1.022	
1/13/2017 3:30:00 AM	340200.000	11.213	15.374
25.258	37603.977	46075.664	29.943
31.331	26.593	1.022	
1/13/2017 3:45:00 AM	341100.000	11.211	15.372
25.253	37599.449	46072.227	29.941
31.329	26.596	1.022	
1/13/2017 4:00:00 AM	342000.000	11.203	15.374
25.237	37610.441	46083.586	29.949
31.337	26.588	1.022	
1/13/2017 4:15:00 AM	342900.000	11.137	15.374
25.088	37601.484	46071.945	29.941
31.329	26.595	1.022	
1/13/2017 4:30:00 AM	343800.000	11.193	15.373
25.212	37591.922	46061.852	29.933
31.322	26.601	1.022	
1/13/2017 4:45:00 AM	344700.000	11.172	15.371
25.167	37606.582	46081.246	29.947
31.335	26.591	1.022	
1/13/2017 5:00:00 AM	345600.000	11.207	15.372
25.244	37566.004	46030.758	29.911
31.301	26.620	1.022	
1/13/2017 5:15:00 AM	346500.000	11.200	15.373
25.230	37560.188	46022.301	29.905
31.295	26.624	1.022	
1/13/2017 5:30:00 AM	347400.000	11.235	15.371
25.307	37583.965	46054.305	29.928
31.317	26.607	1.022	
1/13/2017 5:45:00 AM	348300.000	11.222	15.372
25.280	37560.090	46023.801	29.906
31.296	26.624	1.022	

1/13/2017 6:00:00 AM	349200.000	11.191	15.372
25.209	37609.797	46084.520	29.950
31.337	26.589	1.022	
1/13/2017 6:15:00 AM	350100.000	11.249	15.376
25.339	37563.227	46022.965	29.905
31.296	26.622	1.022	
1/13/2017 6:30:00 AM	351000.000	11.244	15.373
25.328	37584.316	46052.441	29.926
31.316	26.607	1.022	
1/13/2017 6:45:00 AM	351900.000	11.360	15.374
25.590	37550.215	46009.793	29.896
31.287	26.631	1.022	
1/13/2017 7:00:00 AM	352800.000	11.338	15.373
25.541	37555.914	46017.930	29.901
31.292	26.627	1.022	
1/13/2017 7:15:00 AM	353700.000	11.431	15.378
25.750	37524.313	45973.020	29.869
31.262	26.649	1.022	
1/13/2017 7:30:00 AM	354600.000	11.338	15.374
25.541	37545.066	46003.484	29.891
31.282	26.635	1.022	
1/13/2017 7:45:00 AM	355500.000	11.408	15.372
25.699	37554.617	46017.391	29.901
31.292	26.628	1.022	
1/13/2017 8:00:00 AM	356400.000	11.288	15.378
25.427	37527.188	45976.727	29.872
31.264	26.647	1.022	
1/13/2017 8:15:00 AM	357300.000	11.302	15.378
25.458	37547.969	46002.473	29.891
31.282	26.633	1.022	
1/13/2017 8:30:00 AM	358200.000	11.346	15.374
25.557	37519.230	45971.547	29.868
31.261	26.653	1.022	
1/13/2017 8:45:00 AM	359100.000	11.412	15.378
25.706	37457.422	45891.539	29.811
31.206	26.697	1.022	
1/13/2017 9:00:00 AM	360000.000	11.469	15.365
25.834	37576.742	46052.027	29.926
31.315	26.612	1.022	
1/13/2017 9:15:00 AM	360900.000	11.556	15.363
26.031	37514.730	45977.273	29.871
31.265	26.656	1.022	
1/13/2017 9:30:00 AM	361800.000	11.603	15.359
26.138	37505.141	45970.563	29.866
31.260	26.663	1.022	
1/13/2017 9:45:00 AM	362700.000	11.549	15.353
26.015	37497.094	45967.094	29.863
31.258	26.669	1.022	
1/13/2017 10:00:00 AM	363600.000	11.658	15.360
26.261	37442.980	45893.422	29.811
31.208	26.707	1.022	
1/13/2017 10:15:00 AM	364500.000	11.695	15.357
26.343	37460.285	45917.676	29.828
31.224	26.695	1.022	
1/13/2017 10:30:00 AM	365400.000	11.547	15.360
26.010	37520.891	45988.813	29.880

31.272	26.652	1.022	
1/13/2017 10:45:00 AM	366300.000	11.587	15.356
26.102	37466.602	45926.098	29.834
31.230	26.690	1.022	
1/13/2017 11:00:00 AM	367200.000	11.591	15.362
26.109	37445.156	45893.047	29.811
31.207	26.706	1.022	
1/13/2017 11:15:00 AM	368100.000	11.511	15.361
25.929	37515.406	45980.961	29.874
31.267	26.656	1.022	
1/13/2017 11:30:00 AM	369000.000	11.465	15.371
25.827	37532.949	45991.199	29.882
31.274	26.643	1.022	
1/13/2017 11:45:00 AM	369900.000	11.429	15.379
25.744	37480.215	45918.219	29.830
31.224	26.681	1.022	
1/13/2017 12:00:00 PM	370800.000	11.380	15.377
25.635	37507.223	45953.586	29.855
31.248	26.662	1.022	
1/13/2017 12:15:00 PM	371700.000	11.349	15.376
25.565	37515.641	45964.953	29.863
31.256	26.656	1.022	
1/13/2017 12:30:00 PM	372600.000	11.283	15.382
25.417	37510.344	45951.898	29.854
31.247	26.659	1.022	
1/13/2017 12:45:00 PM	373500.000	11.236	15.379
25.311	37472.465	45908.922	29.823
31.218	26.686	1.022	
1/13/2017 1:00:00 PM	374400.000	11.190	15.379
25.206	37510.430	45954.957	29.856
31.249	26.659	1.022	
1/13/2017 1:15:00 PM	375300.000	11.018	15.378
24.818	37526.828	45976.188	29.872
31.264	26.648	1.022	
1/13/2017 1:30:00 PM	376200.000	10.909	15.377
24.573	37499.125	45943.000	29.848
31.241	26.667	1.022	
1/13/2017 1:45:00 PM	377100.000	10.957	15.378
24.681	37527.195	45976.637	29.872
31.264	26.647	1.022	
1/13/2017 2:00:00 PM	378000.000	10.788	15.378
24.302	37516.680	45963.559	29.863
31.255	26.655	1.022	
1/13/2017 2:15:00 PM	378900.000	10.677	15.378
24.052	37540.441	45993.441	29.884
31.276	26.638	1.022	
1/13/2017 2:30:00 PM	379800.000	10.544	15.380
23.752	37483.492	45920.625	29.832
31.226	26.678	1.022	
1/13/2017 2:45:00 PM	380700.000	10.564	15.377
23.796	37512.723	45960.234	29.860
31.253	26.658	1.022	
1/13/2017 3:00:00 PM	381600.000	10.521	15.375
23.699	37588.031	46054.414	29.928
31.317	26.604	1.022	
1/13/2017 3:15:00 PM	382500.000	10.353	15.372

23.320	37539.082	45997.770	29.887
31.278	26.639	1.022	
1/13/2017 3:30:00 PM	383400.000	10.345	15.371
23.303	37569.254	46036.367	29.915
31.305	26.618	1.022	
1/13/2017 3:45:00 PM	384300.000	10.275	15.370
23.146	37543.445	46005.879	29.893
31.284	26.636	1.022	
1/13/2017 4:00:00 PM	385200.000	10.164	15.368
22.896	37606.719	46085.426	29.950
31.338	26.591	1.022	
1/13/2017 4:15:00 PM	386100.000	10.590	15.377
23.856	37513.137	45960.930	29.861
31.253	26.657	1.022	
1/13/2017 4:30:00 PM	387000.000	10.849	15.385
24.438	37505.094	45942.129	29.848
31.241	26.663	1.022	
1/13/2017 4:45:00 PM	387900.000	10.912	15.386
24.580	37510.609	45947.555	29.852
31.244	26.659	1.022	
1/13/2017 5:00:00 PM	388800.000	10.823	15.387
24.380	37500.641	45934.879	29.842
31.236	26.666	1.022	
1/13/2017 5:15:00 PM	389700.000	10.812	15.387
24.356	37509.570	45945.441	29.850
31.243	26.660	1.022	
1/13/2017 5:30:00 PM	390600.000	10.789	15.386
24.303	37517.781	45957.004	29.858
31.251	26.654	1.022	
1/13/2017 5:45:00 PM	391500.000	10.914	15.384
24.584	37502.449	45940.234	29.846
31.239	26.665	1.022	
1/13/2017 6:00:00 PM	392400.000	10.800	15.387
24.327	37518.313	45956.148	29.858
31.250	26.654	1.022	
1/13/2017 6:15:00 PM	393300.000	10.941	15.390
24.647	37497.332	45927.688	29.837
31.231	26.669	1.022	
1/13/2017 6:30:00 PM	394200.000	10.878	15.389
24.503	37493.938	45924.195	29.835
31.228	26.671	1.022	
1/13/2017 6:45:00 PM	395100.000	10.861	15.389
24.465	37461.398	45883.953	29.806
31.201	26.694	1.022	
1/13/2017 7:00:00 PM	396000.000	10.846	15.389
24.433	37497.590	45929.230	29.838
31.232	26.668	1.022	
1/13/2017 7:15:00 PM	396900.000	10.845	15.395
24.430	37457.070	45873.141	29.798
31.194	26.697	1.022	
1/13/2017 7:30:00 PM	397800.000	10.776	15.395
24.273	37476.918	45896.703	29.815
31.210	26.683	1.022	
1/13/2017 7:45:00 PM	398700.000	10.809	15.393
24.348	37454.293	45870.984	29.797
31.192	26.699	1.022	

1/13/2017 8:00:00 PM	399600.000	10.766	15.393
24.250	37495.078	45921.211	29.833
31.226	26.670	1.022	
1/13/2017 8:15:00 PM	400500.000	10.700	15.394
24.102	37469.840	45889.641	29.810
31.205	26.688	1.022	
1/13/2017 8:30:00 PM	401400.000	10.686	15.397
24.071	37485.344	45905.016	29.822
31.215	26.677	1.022	
1/13/2017 8:45:00 PM	402300.000	10.678	15.395
24.054	37505.340	45932.078	29.841
31.234	26.663	1.022	
1/13/2017 9:00:00 PM	403200.000	10.764	15.395
24.247	37461.688	45878.703	29.802
31.198	26.694	1.022	
1/13/2017 9:15:00 PM	404100.000	10.818	15.398
24.368	37475.660	45892.402	29.812
31.207	26.684	1.022	
1/13/2017 9:30:00 PM	405000.000	10.759	15.398
24.235	37432.352	45839.078	29.774
31.171	26.715	1.022	
1/13/2017 9:45:00 PM	405900.000	10.849	15.397
24.438	37485.152	45904.871	29.821
31.215	26.677	1.022	
1/13/2017 10:00:00 PM	406800.000	10.867	15.400
24.478	37489.133	45906.230	29.823
31.216	26.674	1.022	
1/13/2017 10:15:00 PM	407700.000	10.803	15.398
24.335	37453.918	45865.391	29.793
31.188	26.699	1.022	
1/13/2017 10:30:00 PM	408600.000	10.813	15.403
24.357	37408.898	45804.570	29.749
31.147	26.732	1.022	
1/13/2017 10:45:00 PM	409500.000	10.842	15.400
24.423	37465.777	45877.727	29.802
31.197	26.691	1.022	
1/13/2017 11:00:00 PM	410400.000	10.811	15.401
24.352	37494.105	45911.082	29.826
31.220	26.671	1.022	
1/13/2017 11:15:00 PM	411300.000	10.820	15.402
24.374	37461.867	45871.320	29.798
31.192	26.694	1.022	
1/13/2017 11:30:00 PM	412200.000	10.844	15.404
24.426	37446.988	45850.547	29.783
31.178	26.704	1.022	
1/13/2017 11:45:00 PM	413100.000	10.759	15.403
24.235	37439.313	45842.008	29.776
31.173	26.710	1.022	
1/14/2017 12:00:00 AM	414000.000	10.843	15.405
24.424	37451.375	45855.348	29.786
31.182	26.701	1.022	
1/14/2017 12:15:00 AM	414900.000	10.859	15.407
24.460	37406.609	45798.254	29.745
31.143	26.733	1.022	
1/14/2017 12:30:00 AM	415800.000	10.722	15.404
24.153	37422.570	45820.367	29.761

31.158	26.722	1.022	
1/14/2017 12:45:00 AM	416700.000	10.656	15.407
24.003	37402.098	45792.641	29.741
31.139	26.736	1.022	
1/14/2017 1:00:00 AM	417600.000	10.684	15.407
24.067	37436.180	45834.461	29.771
31.167	26.712	1.022	
1/14/2017 1:15:00 AM	418500.000	10.588	15.403
23.850	37456.984	45864.211	29.792
31.188	26.697	1.022	
1/14/2017 1:30:00 AM	419400.000	10.526	15.402
23.710	37422.082	45822.324	29.762
31.159	26.722	1.022	
1/14/2017 1:45:00 AM	420300.000	10.391	15.406
23.407	37433.926	45832.746	29.770
31.166	26.714	1.022	
1/14/2017 2:00:00 AM	421200.000	10.546	15.404
23.756	37455.191	45860.773	29.790
31.185	26.699	1.022	
1/14/2017 2:15:00 AM	422100.000	10.416	15.404
23.462	37440.719	45843.340	29.777
31.173	26.709	1.022	
1/14/2017 2:30:00 AM	423000.000	10.378	15.397
23.378	37469.227	45884.891	29.807
31.202	26.689	1.022	
1/14/2017 2:45:00 AM	423900.001	10.372	15.396
23.363	37428.695	45836.500	29.772
31.169	26.717	1.022	
1/14/2017 3:00:00 AM	424800.000	10.266	15.398
23.125	37451.422	45862.156	29.791
31.186	26.701	1.022	
1/14/2017 3:15:00 AM	425700.000	10.633	15.407
23.952	37391.715	45779.930	29.732
31.130	26.744	1.022	
1/14/2017 3:30:00 AM	426600.000	10.818	15.412
24.369	37426.020	45816.332	29.759
31.155	26.719	1.022	
1/14/2017 3:45:00 AM	427500.000	10.823	15.412
24.380	37420.891	45809.668	29.754
31.151	26.723	1.022	
1/14/2017 4:00:00 AM	428400.000	10.757	15.414
24.230	37346.074	45715.922	29.686
31.087	26.777	1.022	
1/14/2017 4:15:00 AM	429300.000	10.786	15.415
24.298	37364.055	45737.824	29.702
31.102	26.764	1.022	
1/14/2017 4:30:00 AM	430200.000	10.831	15.412
24.399	37401.500	45785.934	29.737
31.134	26.737	1.022	
1/14/2017 4:45:00 AM	431100.000	10.856	15.416
24.454	37342.023	45709.629	29.682
31.083	26.779	1.022	
1/14/2017 5:00:00 AM	432000.000	10.729	15.414
24.167	37376.875	45754.188	29.714
31.113	26.755	1.022	
1/14/2017 5:15:00 AM	432900.000	10.715	15.413

24.136	37350.848	45723.180	29.691
31.092	26.773	1.022	
1/14/2017 5:30:00 AM	433800.000	10.711	15.415
24.128	37372.117	45747.316	29.709
31.108	26.758	1.022	
1/14/2017 5:45:00 AM	434700.001	10.717	15.411
24.141	37358.926	45735.340	29.700
31.100	26.767	1.022	
1/14/2017 6:00:00 AM	435600.000	10.731	15.414
24.173	37344.891	45714.473	29.685
31.086	26.777	1.022	
1/14/2017 6:15:00 AM	436500.000	10.785	15.416
24.295	37386.883	45763.785	29.721
31.119	26.747	1.022	
1/14/2017 6:30:00 AM	437400.000	10.851	15.415
24.443	37390.473	45769.980	29.725
31.124	26.745	1.022	
1/14/2017 6:45:00 AM	438300.000	10.845	15.416
24.430	37336.281	45702.227	29.676
31.078	26.784	1.022	
1/14/2017 7:00:00 AM	439200.000	10.818	15.414
24.368	37327.316	45692.957	29.670
31.071	26.790	1.022	
1/14/2017 7:15:00 AM	440100.000	10.870	15.414
24.486	37345.719	45716.145	29.686
31.087	26.777	1.022	
1/14/2017 7:30:00 AM	441000.000	10.869	15.418
24.483	37366.219	45736.508	29.701
31.101	26.762	1.022	
1/14/2017 7:45:00 AM	441900.000	10.880	15.418
24.508	37345.824	45711.820	29.683
31.084	26.777	1.022	
1/14/2017 8:00:00 AM	442800.000	10.874	15.414
24.495	37335.949	45703.996	29.678
31.079	26.784	1.022	
1/14/2017 8:15:00 AM	443700.000	10.946	15.415
24.656	37379.754	45756.766	29.716
31.115	26.752	1.022	
1/14/2017 8:30:00 AM	444600.000	10.943	15.415
24.650	37317.422	45679.988	29.660
31.062	26.797	1.022	
1/14/2017 8:45:00 AM	445500.000	11.014	15.416
24.809	37328.922	45693.113	29.670
31.071	26.789	1.022	
1/14/2017 9:00:00 AM	446400.000	11.146	15.417
25.108	37322.863	45684.762	29.664
31.066	26.793	1.022	
1/14/2017 9:15:00 AM	447300.000	11.097	15.417
24.998	37343.270	45709.738	29.682
31.083	26.779	1.022	
1/14/2017 9:30:00 AM	448200.000	10.980	15.414
24.734	37330.090	45696.449	29.672
31.074	26.788	1.022	
1/14/2017 9:45:00 AM	449100.000	11.010	15.418
24.801	37318.367	45677.750	29.659
31.061	26.796	1.022	

1/14/2017 10:00:00 AM	450000.000	11.054	15.417
24.900	37311.020	45670.172	29.653
31.056	26.802	1.022	
1/14/2017 10:15:00 AM	450900.000	11.053	15.418
24.897	37331.805	45694.387	29.671
31.072	26.787	1.022	
1/14/2017 10:30:00 AM	451800.000	11.098	15.415
24.999	37319.156	45682.113	29.662
31.064	26.796	1.022	
1/14/2017 10:45:00 AM	452700.000	11.099	15.413
25.002	37323.711	45689.961	29.667
31.069	26.793	1.022	
1/14/2017 11:00:00 AM	453600.000	11.129	15.418
25.070	37276.234	45626.918	29.622
31.026	26.827	1.022	
1/14/2017 11:15:00 AM	454500.000	11.128	15.416
25.068	37321.395	45683.719	29.663
31.065	26.794	1.022	
1/14/2017 11:30:00 AM	455400.000	11.064	15.419
24.924	37294.332	45647.574	29.637
31.040	26.814	1.022	
1/14/2017 11:45:00 AM	456300.000	11.112	15.418
25.031	37368.055	45739.031	29.703
31.103	26.761	1.022	
1/14/2017 12:00:00 PM	457200.000	11.088	15.417
24.976	37345.637	45712.734	29.684
31.085	26.777	1.022	
1/14/2017 12:15:00 PM	458100.000	11.138	15.415
25.090	37305.449	45665.809	29.650
31.053	26.806	1.022	
1/14/2017 12:30:00 PM	459000.000	11.102	15.417
25.009	37349.770	45717.605	29.688
31.088	26.774	1.022	
1/14/2017 12:45:00 PM	459900.000	11.086	15.416
24.973	37321.258	45684.020	29.663
31.065	26.794	1.022	
1/14/2017 1:00:00 PM	460800.000	11.101	15.419
25.006	37311.512	45668.781	29.653
31.055	26.801	1.022	
1/14/2017 1:15:00 PM	461700.000	11.048	15.417
24.887	37347.254	45714.801	29.686
31.086	26.776	1.022	
1/14/2017 1:30:00 PM	462600.000	11.032	15.416
24.851	37328.684	45693.109	29.670
31.071	26.789	1.022	
1/14/2017 1:45:00 PM	463500.000	11.026	15.413
24.837	37363.074	45737.953	29.702
31.102	26.764	1.022	
1/14/2017 2:00:00 PM	464400.000	10.891	15.413
24.532	37327.820	45694.895	29.671
31.073	26.790	1.022	
1/14/2017 2:15:00 PM	465300.000	10.803	15.412
24.335	37334.867	45704.566	29.678
31.079	26.785	1.022	
1/14/2017 2:30:00 PM	466200.000	10.698	15.411
24.099	37337.715	45709.758	29.682

31.083	26.783	1.022	
1/14/2017 2:45:00 PM	467100.000	10.635	15.408
23.957	37357.617	45737.047	29.701
31.101	26.768	1.022	
1/14/2017 3:00:00 PM	468000.000	10.538	15.409
23.737	37348.012	45724.344	29.692
31.093	26.775	1.022	
1/14/2017 3:15:00 PM	468900.000	10.479	15.406
23.606	37372.070	45756.352	29.715
31.114	26.758	1.022	
1/14/2017 3:30:00 PM	469800.000	10.339	15.398
23.290	37357.375	45746.891	29.708
31.108	26.768	1.022	
1/14/2017 3:45:00 PM	470700.000	10.315	15.397
23.234	37366.973	45759.777	29.717
31.117	26.762	1.022	
1/14/2017 4:00:00 PM	471600.000	10.126	15.398
22.809	37366.520	45758.547	29.716
31.116	26.762	1.022	
1/14/2017 4:15:00 PM	472500.000	10.127	15.394
22.813	37372.211	45770.270	29.724
31.124	26.758	1.022	
1/14/2017 4:30:00 PM	473400.000	10.031	15.393
22.596	37423.586	45834.324	29.770
31.167	26.721	1.022	
1/14/2017 4:45:00 PM	474300.000	9.978	15.391
22.476	37429.117	45843.188	29.776
31.173	26.717	1.022	
1/14/2017 5:00:00 PM	475200.000	9.812	15.387
22.103	37421.781	45837.699	29.772
31.170	26.722	1.022	
1/14/2017 5:15:00 PM	476100.000	9.845	15.391
22.177	37400.598	45807.879	29.751
31.149	26.738	1.022	
1/14/2017 5:30:00 PM	477000.000	9.725	15.390
21.906	37386.750	45792.145	29.740
31.139	26.747	1.022	
1/14/2017 5:45:00 PM	477900.000	9.723	15.388
21.902	37447.547	45868.418	29.795
31.191	26.704	1.022	
1/14/2017 6:00:00 PM	478800.000	9.633	15.387
21.700	37389.711	45798.813	29.744
31.143	26.745	1.022	
1/14/2017 6:15:00 PM	479700.000	9.623	15.387
21.676	37412.516	45826.934	29.764
31.162	26.729	1.022	
1/14/2017 6:30:00 PM	480600.000	9.647	15.387
21.731	37398.125	45808.543	29.751
31.150	26.739	1.022	
1/14/2017 6:45:00 PM	481500.000	9.737	15.388
21.934	37401.531	45811.852	29.754
31.152	26.737	1.022	
1/14/2017 7:00:00 PM	482400.000	9.866	15.391
22.225	37401.680	45809.480	29.752
31.150	26.737	1.022	
1/14/2017 7:15:00 PM	483300.000	9.784	15.393

22.039	37376.195	45775.613	29.728
31.127	26.755	1.022	
1/14/2017 7:30:00 PM	484200.000	9.904	15.396
22.310	37332.738	45719.742	29.688
31.089	26.786	1.022	
1/14/2017 7:45:00 PM	485100.000	9.877	15.393
22.249	37365.785	45762.863	29.719
31.119	26.762	1.022	
1/14/2017 8:00:00 PM	486000.000	9.939	15.394
22.389	37373.324	45771.238	29.725
31.124	26.757	1.022	
1/14/2017 8:15:00 PM	486900.000	9.859	15.393
22.208	37392.598	45796.371	29.743
31.142	26.743	1.022	
1/14/2017 8:30:00 PM	487800.000	9.998	15.394
22.521	37385.672	45786.004	29.735
31.134	26.748	1.022	
1/14/2017 8:45:00 PM	488700.000	10.043	15.396
22.623	37372.484	45768.504	29.723
31.123	26.758	1.022	
1/14/2017 9:00:00 PM	489600.000	9.995	15.399
22.514	37355.805	45744.484	29.706
31.106	26.770	1.022	
1/14/2017 9:15:00 PM	490500.000	10.115	15.402
22.786	37330.629	45710.727	29.682
31.083	26.788	1.022	
1/14/2017 9:30:00 PM	491400.000	10.204	15.403
22.986	37339.172	45719.578	29.688
31.089	26.782	1.022	
1/14/2017 9:45:00 PM	492300.000	10.206	15.404
22.990	37372.859	45759.883	29.717
31.117	26.757	1.022	
1/14/2017 10:00:00 PM	493200.000	10.284	15.404
23.167	37332.129	45710.094	29.681
31.083	26.787	1.022	
1/14/2017 10:15:00 PM	494100.000	10.266	15.405
23.125	37309.930	45681.691	29.661
31.064	26.803	1.022	
1/14/2017 10:30:00 PM	495000.000	10.296	15.402
23.193	37305.379	45679.328	29.659
31.062	26.806	1.022	
1/14/2017 10:45:00 PM	495900.000	10.278	15.404
23.153	37326.641	45703.480	29.677
31.078	26.791	1.022	
1/14/2017 11:00:00 PM	496800.000	10.271	15.408
23.136	37284.926	45648.230	29.637
31.041	26.820	1.022	
1/14/2017 11:15:00 PM	497700.000	10.376	15.405
23.372	37332.832	45709.535	29.681
31.082	26.786	1.022	
1/14/2017 11:30:00 PM	498600.000	10.424	15.407
23.482	37303.191	45671.547	29.654
31.057	26.807	1.022	
1/14/2017 11:45:00 PM	499500.000	10.344	15.407
23.301	37297.488	45664.184	29.648
31.052	26.811	1.022	

1/15/2017 12:00:00 AM	500400.000	10.333	15.408
23.277	37288.734	45652.539	29.640
31.044	26.818	1.022	
1/15/2017 12:15:00 AM	501300.000	10.319	15.408
23.245	37275.793	45636.961	29.629
31.033	26.827	1.022	
1/15/2017 12:30:00 AM	502200.000	10.334	15.408
23.278	37290.621	45655.305	29.642
31.046	26.816	1.022	
1/15/2017 12:45:00 AM	503100.000	10.344	15.408
23.301	37284.703	45647.504	29.636
31.040	26.821	1.022	
1/15/2017 1:00:00 AM	504000.000	10.290	15.408
23.179	37333.160	45706.535	29.679
31.080	26.786	1.022	
1/15/2017 1:15:00 AM	504900.000	10.191	15.410
22.956	37308.883	45675.297	29.657
31.059	26.803	1.022	
1/15/2017 1:30:00 AM	505800.000	10.198	15.409
22.972	37317.344	45686.984	29.665
31.067	26.797	1.022	
1/15/2017 1:45:00 AM	506700.000	10.188	15.408
22.950	37248.211	45602.824	29.604
31.010	26.847	1.022	
1/15/2017 2:00:00 AM	507600.000	10.216	15.405
23.013	37327.566	45703.285	29.676
31.078	26.790	1.022	
1/15/2017 2:15:00 AM	508500.000	10.072	15.406
22.688	37300.477	45668.895	29.652
31.055	26.809	1.022	
1/15/2017 2:30:00 AM	509400.000	10.125	15.404
22.807	37318.766	45693.168	29.669
31.071	26.796	1.022	
1/15/2017 2:45:00 AM	510300.000	10.066	15.402
22.674	37300.336	45673.070	29.654
31.058	26.809	1.022	
1/15/2017 3:00:00 AM	511200.000	9.971	15.403
22.461	37306.852	45680.004	29.660
31.062	26.805	1.022	
1/15/2017 3:15:00 AM	512100.000	9.970	15.404
22.458	37310.152	45683.184	29.662
31.065	26.802	1.022	
1/15/2017 3:30:00 AM	513000.000	9.991	15.402
22.507	37297.117	45668.836	29.651
31.055	26.812	1.022	
1/15/2017 3:45:00 AM	513900.000	10.369	15.412
23.357	37257.199	45609.949	29.610
31.015	26.840	1.022	
1/15/2017 4:00:00 AM	514800.000	10.486	15.418
23.622	37241.016	45583.918	29.591
30.997	26.852	1.022	
1/15/2017 4:15:00 AM	515700.000	10.427	15.418
23.487	37273.332	45623.188	29.620
31.024	26.829	1.022	
1/15/2017 4:30:00 AM	516600.000	10.367	15.415
23.352	37259.527	45609.121	29.609

31.014	26.839	1.022	
1/15/2017 4:45:00 AM	517500.000	10.450	15.416
23.540	37201.289	45537.086	29.557
30.965	26.881	1.022	
1/15/2017 5:00:00 AM	518400.000	10.386	15.416
23.395	37213.105	45551.070	29.567
30.975	26.872	1.022	
1/15/2017 5:15:00 AM	519300.000	10.430	15.415
23.494	37272.867	45625.539	29.621
31.025	26.829	1.022	
1/15/2017 5:30:00 AM	520200.000	10.510	15.418
23.675	37268.926	45617.695	29.616
31.020	26.832	1.022	
1/15/2017 5:45:00 AM	521100.000	10.300	15.417
23.201	37235.715	45578.648	29.587
30.993	26.856	1.022	
1/15/2017 6:00:00 AM	522000.000	10.388	15.417
23.400	37272.188	45623.008	29.619
31.024	26.830	1.022	
1/15/2017 6:15:00 AM	522900.000	10.475	15.419
23.596	37238.297	45579.555	29.588
30.994	26.854	1.022	
1/15/2017 6:30:00 AM	523800.000	10.456	15.420
23.552	37192.133	45521.168	29.546
30.954	26.887	1.022	
1/15/2017 6:45:00 AM	524700.000	10.438	15.418
23.513	37215.512	45551.934	29.568
30.975	26.871	1.022	
1/15/2017 7:00:00 AM	525600.000	10.340	15.416
23.293	37234.328	45577.047	29.586
30.992	26.857	1.022	
1/15/2017 7:15:00 AM	526500.000	10.448	15.418
23.535	37213.566	45549.758	29.567
30.974	26.872	1.022	
1/15/2017 7:30:00 AM	527400.000	10.510	15.418
23.675	37213.301	45549.336	29.566
30.974	26.872	1.022	
1/15/2017 7:45:00 AM	528300.000	10.471	15.424
23.587	37211.875	45541.180	29.561
30.968	26.873	1.022	
1/15/2017 8:00:00 AM	529200.000	10.413	15.424
23.456	37226.242	45559.031	29.574
30.980	26.863	1.022	
1/15/2017 8:15:00 AM	530100.000	10.463	15.422
23.568	37210.152	45541.625	29.561
30.968	26.874	1.022	
1/15/2017 8:30:00 AM	531000.000	10.437	15.425
23.510	37206.824	45534.617	29.556
30.964	26.877	1.022	
1/15/2017 8:45:00 AM	531900.000	10.595	15.422
23.867	37183.938	45509.715	29.538
30.947	26.893	1.022	
1/15/2017 9:00:00 AM	532800.000	10.549	15.423
23.762	37218.059	45549.691	29.567
30.974	26.869	1.022	
1/15/2017 9:15:00 AM	533700.000	10.721	15.429

24.149	37192.039	45512.383	29.540
30.948	26.887	1.022	
1/15/2017 9:30:00 AM	534600.000	10.718	15.428
24.143	37198.188	45520.379	29.546
30.954	26.883	1.022	
1/15/2017 9:45:00 AM	535500.000	10.772	15.431
24.265	37187.441	45504.500	29.535
30.943	26.891	1.022	
1/15/2017 10:00:00 AM	536400.000	10.845	15.430
24.430	37204.051	45525.480	29.550
30.957	26.879	1.022	
1/15/2017 10:15:00 AM	537300.000	10.927	15.432
24.613	37181.895	45496.676	29.529
30.938	26.895	1.022	
1/15/2017 10:30:00 AM	538200.000	10.757	15.429
24.231	37186.109	45504.469	29.535
30.943	26.892	1.022	
1/15/2017 10:45:00 AM	539100.000	10.870	15.430
24.485	37182.848	45499.352	29.531
30.940	26.894	1.022	
1/15/2017 11:00:00 AM	540000.000	10.940	15.431
24.643	37154.996	45464.422	29.506
30.916	26.914	1.022	
1/15/2017 11:15:00 AM	540900.000	10.901	15.429
24.555	37184.516	45502.992	29.534
30.942	26.893	1.022	
1/15/2017 11:30:00 AM	541800.000	10.963	15.431
24.696	37144.789	45452.035	29.497
30.907	26.922	1.022	
1/15/2017 11:45:00 AM	542700.000	10.928	15.428
24.616	37180.188	45497.980	29.530
30.939	26.896	1.022	
1/15/2017 12:00:00 PM	543600.000	10.981	15.429
24.736	37169.027	45483.281	29.519
30.929	26.904	1.022	
1/15/2017 12:15:00 PM	544500.000	10.945	15.427
24.654	37166.371	45482.375	29.519
30.928	26.906	1.022	
1/15/2017 12:30:00 PM	545400.000	10.903	15.427
24.561	37166.281	45482.844	29.519
30.928	26.906	1.022	
1/15/2017 12:45:00 PM	546300.000	10.831	15.427
24.399	37195.715	45518.773	29.545
30.953	26.885	1.022	
1/15/2017 1:00:00 PM	547200.000	10.763	15.426
24.245	37214.551	45542.570	29.562
30.969	26.871	1.022	
1/15/2017 1:15:00 PM	548100.000	10.859	15.427
24.461	37183.266	45503.441	29.534
30.942	26.894	1.022	
1/15/2017 1:30:00 PM	549000.000	10.773	15.429
24.267	37136.980	45444.449	29.491
30.902	26.927	1.022	
1/15/2017 1:45:00 PM	549900.000	10.777	15.426
24.277	37200.992	45525.695	29.550
30.957	26.881	1.022	

1/15/2017 2:00:00 PM	550800.000	10.822	15.426
24.377	37209.398	45536.453	29.558
30.965	26.875	1.022	
1/15/2017 2:15:00 PM	551700.000	10.668	15.423
24.030	37221.297	45554.125	29.570
30.977	26.866	1.022	
1/15/2017 2:30:00 PM	552600.000	10.603	15.423
23.884	37188.066	45513.738	29.541
30.949	26.890	1.022	
1/15/2017 2:45:00 PM	553500.000	10.535	15.423
23.732	37220.211	45552.414	29.569
30.976	26.867	1.022	
1/15/2017 3:00:00 PM	554400.000	10.322	15.413
23.252	37246.098	45594.855	29.599
31.005	26.848	1.022	
1/15/2017 3:15:00 PM	555300.000	10.290	15.410
23.179	37184.852	45523.656	29.547
30.956	26.893	1.022	
1/15/2017 3:30:00 PM	556200.000	10.192	15.412
22.958	37250.598	45602.152	29.604
31.009	26.845	1.022	
1/15/2017 3:45:00 PM	557100.000	10.207	15.410
22.991	37264.605	45621.297	29.618
31.022	26.835	1.022	
1/15/2017 4:00:00 PM	558000.000	9.924	15.402
22.354	37259.801	45624.000	29.619
31.024	26.839	1.022	
1/15/2017 4:15:00 PM	558900.000	9.929	15.400
22.366	37279.164	45648.934	29.637
31.041	26.825	1.022	
1/15/2017 4:30:00 PM	559800.000	9.830	15.404
22.143	37256.988	45618.473	29.615
31.021	26.841	1.022	
1/15/2017 4:45:00 PM	560700.000	9.803	15.401
22.082	37232.051	45590.957	29.595
31.002	26.859	1.022	
1/15/2017 5:00:00 PM	561600.000	9.694	15.398
21.836	37283.605	45656.926	29.643
31.047	26.821	1.022	
1/15/2017 5:15:00 PM	562500.000	9.624	15.399
21.678	37270.422	45640.207	29.631
31.035	26.831	1.022	
1/15/2017 5:30:00 PM	563400.000	9.483	15.397
21.361	37261.809	45631.359	29.624
31.029	26.837	1.022	
1/15/2017 5:45:00 PM	564300.000	9.483	15.393
21.361	37280.031	45657.465	29.643
31.047	26.824	1.022	
1/15/2017 6:00:00 PM	565200.000	9.398	15.392
21.169	37273.145	45650.539	29.638
31.042	26.829	1.022	
1/15/2017 6:15:00 PM	566100.000	9.339	15.393
21.036	37265.566	45639.938	29.630
31.035	26.834	1.022	
1/15/2017 6:30:00 PM	567000.000	9.340	15.392
21.040	37285.469	45665.445	29.648

31.053	26.820	1.022	
1/15/2017 6:45:00 PM	567900.000	9.426	15.393
21.233	37269.059	45644.027	29.633
31.038	26.832	1.022	
1/15/2017 7:00:00 PM	568800.000	9.385	15.396
21.141	37284.484	45659.992	29.645
31.049	26.821	1.022	
1/15/2017 7:15:00 PM	569700.000	9.736	15.401
21.932	37244.121	45605.555	29.606
31.012	26.850	1.022	
1/15/2017 7:30:00 PM	570600.000	9.683	15.400
21.812	37287.188	45659.605	29.645
31.049	26.819	1.022	
1/15/2017 7:45:00 PM	571500.000	9.855	15.406
22.200	37215.309	45564.793	29.577
30.984	26.871	1.022	
1/15/2017 8:00:00 PM	572400.000	9.917	15.405
22.340	37243.113	45599.781	29.602
31.008	26.851	1.022	
1/15/2017 8:15:00 PM	573300.000	9.777	15.407
22.023	37248.602	45604.625	29.605
31.011	26.847	1.022	
1/15/2017 8:30:00 PM	574200.000	9.749	15.406
21.960	37276.598	45640.398	29.631
31.035	26.826	1.022	
1/15/2017 8:45:00 PM	575100.000	9.764	15.405
21.994	37213.633	45564.070	29.576
30.984	26.872	1.022	
1/15/2017 9:00:00 PM	576000.000	9.824	15.408
22.131	37239.039	45591.492	29.596
31.002	26.854	1.022	
1/15/2017 9:15:00 PM	576900.000	9.767	15.406
22.002	37228.129	45580.492	29.588
30.995	26.861	1.022	
1/15/2017 9:30:00 PM	577800.000	9.775	15.406
22.019	37275.469	45638.180	29.630
31.034	26.827	1.022	
1/15/2017 9:45:00 PM	578700.000	9.861	15.409
22.212	37238.930	45591.078	29.596
31.002	26.854	1.022	
1/15/2017 10:00:00 PM	579600.000	9.865	15.409
22.223	37184.320	45523.941	29.547
30.956	26.893	1.022	
1/15/2017 10:15:00 PM	580500.000	9.924	15.409
22.356	37227.641	45576.789	29.585
30.992	26.862	1.022	
1/15/2017 10:30:00 PM	581400.000	9.886	15.410
22.270	37200.375	45542.742	29.561
30.969	26.881	1.022	
1/15/2017 10:45:00 PM	582300.000	9.990	15.407
22.504	37228.816	45579.828	29.588
30.994	26.861	1.022	
1/15/2017 11:00:00 PM	583200.000	10.021	15.409
22.574	37220.949	45568.969	29.580
30.987	26.867	1.022	
1/15/2017 11:15:00 PM	584100.000	9.990	15.409

22.504	37217.336	45564.457	29.577
30.984	26.869	1.022	
1/15/2017 11:30:00 PM	585000.000	9.979	15.411
22.478	37183.082	45520.539	29.545
30.954	26.894	1.022	
1/15/2017 11:45:00 PM	585900.000	9.929	15.410
22.366	37240.188	45591.301	29.596
31.002	26.853	1.022	
1/16/2017 12:00:00 AM	586800.000	9.994	15.410
22.513	37209.785	45554.082	29.569
30.977	26.875	1.022	
1/16/2017 12:15:00 AM	587700.000	10.001	15.413
22.529	37185.746	45521.160	29.546
30.954	26.892	1.022	
1/16/2017 12:30:00 AM	588600.000	10.015	15.411
22.560	37208.090	45550.863	29.567
30.975	26.876	1.022	
1/16/2017 12:45:00 AM	589500.001	10.035	15.411
22.605	37222.016	45568.020	29.579
30.986	26.866	1.022	
1/16/2017 1:00:00 AM	590400.000	10.013	15.415
22.555	37146.602	45471.547	29.510
30.921	26.920	1.022	
1/16/2017 1:15:00 AM	591300.000	10.020	15.412
22.572	37189.043	45526.230	29.549
30.958	26.890	1.022	
1/16/2017 1:30:00 AM	592200.000	9.953	15.411
22.421	37224.648	45570.680	29.581
30.988	26.864	1.022	
1/16/2017 1:45:00 AM	593100.000	9.917	15.414
22.340	37188.977	45524.082	29.548
30.956	26.890	1.022	
1/16/2017 2:00:00 AM	594000.000	9.908	15.413
22.318	37203.078	45542.379	29.561
30.969	26.879	1.022	
1/16/2017 2:15:00 AM	594900.000	9.865	15.414
22.223	37178.805	45511.633	29.539
30.948	26.897	1.022	
1/16/2017 2:30:00 AM	595800.000	9.859	15.412
22.209	37200.176	45539.777	29.559
30.967	26.882	1.022	
1/16/2017 2:45:00 AM	596700.000	9.786	15.413
22.044	37196.141	45533.887	29.555
30.963	26.885	1.022	
1/16/2017 3:00:00 AM	597600.000	9.859	15.413
22.207	37234.828	45581.719	29.589
30.996	26.857	1.022	
1/16/2017 3:15:00 AM	598500.000	9.743	15.413
21.946	37149.992	45477.770	29.514
30.925	26.918	1.022	
1/16/2017 3:30:00 AM	599400.000	9.664	15.409
21.769	37210.793	45556.074	29.571
30.978	26.874	1.022	
1/16/2017 3:45:00 AM	600300.000	9.723	15.411
21.903	37199.852	45540.414	29.559
30.967	26.882	1.022	

1/16/2017 4:00:00 AM	601200.000	9.846	15.413
22.178	37177.297	45511.289	29.538
30.948	26.898	1.022	
1/16/2017 4:15:00 AM	602100.000	10.164	15.422
22.896	37153.426	45471.621	29.511
30.921	26.915	1.022	
1/16/2017 4:30:00 AM	603000.000	10.272	15.424
23.138	37149.867	45465.859	29.506
30.917	26.918	1.022	
1/16/2017 4:45:00 AM	603900.000	10.305	15.424
23.213	37148.359	45464.105	29.505
30.916	26.919	1.022	
1/16/2017 5:00:00 AM	604800.000	10.217	15.422
23.014	37173.824	45496.957	29.529
30.938	26.901	1.022	
1/16/2017 5:15:00 AM	605700.000	10.239	15.422
23.065	37139.379	45454.523	29.498
30.909	26.926	1.022	
1/16/2017 5:30:00 AM	606600.000	10.302	15.423
23.207	37164.324	45483.836	29.519
30.929	26.908	1.022	
1/16/2017 5:45:00 AM	607500.000	10.345	15.421
23.302	37187.508	45514.566	29.541
30.950	26.891	1.022	
1/16/2017 6:00:00 AM	608400.000	10.236	15.424
23.057	37169.016	45488.727	29.523
30.932	26.904	1.022	
1/16/2017 6:15:00 AM	609300.000	10.273	15.422
23.140	37157.133	45476.352	29.514
30.924	26.913	1.022	
1/16/2017 6:30:00 AM	610200.000	10.261	15.424
23.113	37147.484	45463.035	29.504
30.915	26.920	1.022	
1/16/2017 6:45:00 AM	611100.000	10.271	15.422
23.136	37106.004	45414.430	29.469
30.882	26.950	1.022	
1/16/2017 7:00:00 AM	612000.000	10.223	15.422
23.027	37134.934	45449.563	29.495
30.906	26.929	1.022	
1/16/2017 7:15:00 AM	612900.000	10.222	15.422
23.026	37163.539	45484.848	29.520
30.930	26.908	1.022	
1/16/2017 7:30:00 AM	613800.000	10.186	15.421
22.946	37170.547	45494.270	29.527
30.936	26.903	1.022	
1/16/2017 7:45:00 AM	614700.000	10.289	15.422
23.176	37159.453	45479.367	29.516
30.926	26.911	1.022	
1/16/2017 8:00:00 AM	615600.000	10.320	15.421
23.246	37145.461	45463.379	29.504
30.915	26.921	1.022	
1/16/2017 8:15:00 AM	616500.000	10.393	15.419
23.411	37145.738	45465.512	29.506
30.917	26.921	1.022	
1/16/2017 8:30:00 AM	617400.000	10.380	15.422
23.381	37158.496	45478.766	29.516

30.926	26.912	1.022	
1/16/2017 8:45:00 AM	618300.000	10.364	15.422
23.347	37129.746	45442.832	29.490
30.901	26.933	1.022	
1/16/2017 9:00:00 AM	619200.000	10.510	15.431
23.674	37097.785	45394.891	29.456
30.869	26.956	1.022	
1/16/2017 9:15:00 AM	620100.000	10.508	15.435
23.670	37090.461	45380.855	29.446
30.859	26.961	1.022	
1/16/2017 9:30:00 AM	621000.000	10.595	15.429
23.867	37155.406	45467.555	29.508
30.918	26.914	1.022	
1/16/2017 9:45:00 AM	621900.000	10.619	15.434
23.920	37102.184	45396.324	29.457
30.870	26.953	1.022	
1/16/2017 10:00:00 AM	622800.000	10.767	15.436
24.254	37121.367	45417.535	29.472
30.884	26.939	1.022	
1/16/2017 10:15:00 AM	623700.000	10.773	15.433
24.266	37093.375	45387.328	29.450
30.863	26.959	1.022	
1/16/2017 10:30:00 AM	624600.000	10.685	15.436
24.068	37090.078	45379.172	29.445
30.858	26.961	1.022	
1/16/2017 10:45:00 AM	625500.000	10.654	15.436
23.999	37135.262	45435.484	29.485
30.896	26.929	1.022	
1/16/2017 11:00:00 AM	626400.000	10.604	15.432
23.888	37131.891	45434.734	29.485
30.896	26.931	1.022	
1/16/2017 11:15:00 AM	627300.000	10.667	15.433
24.029	37109.141	45406.527	29.464
30.876	26.948	1.022	
1/16/2017 11:30:00 AM	628200.000	10.596	15.433
23.870	37130.180	45431.988	29.483
30.894	26.932	1.022	
1/16/2017 11:45:00 AM	629100.000	10.579	15.436
23.831	37105.809	45399.164	29.459
30.871	26.950	1.022	
1/16/2017 12:00:00 PM	630000.000	10.620	15.430
23.922	37114.852	45416.234	29.471
30.883	26.943	1.022	
1/16/2017 12:15:00 PM	630900.000	10.649	15.430
23.987	37084.594	45379.211	29.444
30.858	26.965	1.022	
1/16/2017 12:30:00 PM	631800.000	10.560	15.434
23.787	37108.684	45404.844	29.463
30.875	26.948	1.022	
1/16/2017 12:45:00 PM	632700.000	10.556	15.428
23.779	37172.371	45488.785	29.523
30.932	26.902	1.022	
1/16/2017 1:00:00 PM	633600.000	10.515	15.430
23.686	37103.711	45402.602	29.461
30.874	26.951	1.022	
1/16/2017 1:15:00 PM	634500.000	10.576	15.430

23.823	37118.652	45421.543	29.475
30.887	26.941	1.022	
1/16/2017 1:30:00 PM	635400.000	10.507	15.427
23.669	37130.727	45438.953	29.487
30.898	26.932	1.022	
1/16/2017 1:45:00 PM	636300.000	10.500	15.429
23.652	37127.168	45432.813	29.483
30.894	26.934	1.022	
1/16/2017 2:00:00 PM	637200.000	10.438	15.422
23.512	37151.633	45470.082	29.509
30.920	26.917	1.022	
1/16/2017 2:15:00 PM	638100.000	10.494	15.426
23.638	37104.457	45407.645	29.465
30.877	26.951	1.022	
1/16/2017 2:30:00 PM	639000.000	10.374	15.419
23.369	37173.176	45498.996	29.530
30.939	26.901	1.022	
1/16/2017 2:45:00 PM	639900.000	10.309	15.420
23.221	37179.941	45506.902	29.536
30.945	26.896	1.022	
1/16/2017 3:00:00 PM	640800.000	10.277	15.419
23.150	37142.586	45461.840	29.503
30.914	26.923	1.022	
1/16/2017 3:15:00 PM	641700.000	10.206	15.416
22.989	37190.930	45523.926	29.548
30.956	26.888	1.022	
1/16/2017 3:30:00 PM	642600.000	10.158	15.415
22.881	37174.426	45505.234	29.534
30.944	26.900	1.022	
1/16/2017 3:45:00 PM	643500.000	10.157	15.410
22.879	37172.145	45507.426	29.536
30.945	26.902	1.022	
1/16/2017 4:00:00 PM	644400.000	10.035	15.409
22.605	37187.797	45527.820	29.550
30.959	26.891	1.022	
1/16/2017 4:15:00 PM	645300.000	9.975	15.411
22.469	37188.781	45526.770	29.550
30.958	26.890	1.022	
1/16/2017 4:30:00 PM	646200.000	9.896	15.409
22.292	37189.852	45530.992	29.552
30.961	26.889	1.022	
1/16/2017 4:45:00 PM	647100.000	9.805	15.408
22.086	37222.988	45572.125	29.582
30.989	26.865	1.022	
1/16/2017 5:00:00 PM	648000.000	9.776	15.406
22.020	37192.977	45537.078	29.557
30.965	26.887	1.022	
1/16/2017 5:15:00 PM	648900.000	9.653	15.402
21.745	37196.039	45545.445	29.562
30.971	26.885	1.022	
1/16/2017 5:30:00 PM	649800.000	9.603	15.400
21.633	37196.398	45547.867	29.564
30.973	26.884	1.022	
1/16/2017 5:45:00 PM	650700.000	9.541	15.402
21.492	37200.441	45550.551	29.566
30.974	26.881	1.022	

1/16/2017 6:00:00 PM	651600.000	9.485	15.400
21.365	37231.523	45590.594	29.595
31.002	26.859	1.022	
1/16/2017 6:15:00 PM	652500.000	9.479	15.399
21.353	37212.488	45568.699	29.579
30.987	26.873	1.022	
1/16/2017 6:30:00 PM	653400.000	9.429	15.399
21.239	37225.879	45585.758	29.591
30.998	26.863	1.022	
1/16/2017 6:45:00 PM	654300.000	9.319	15.399
20.992	37227.508	45587.656	29.593
31.000	26.862	1.022	
1/16/2017 7:00:00 PM	655200.000	9.288	15.398
20.923	37206.723	45562.680	29.575
30.983	26.877	1.022	
1/16/2017 7:15:00 PM	656100.000	9.363	15.396
21.091	37233.023	45597.531	29.600
31.006	26.858	1.022	
1/16/2017 7:30:00 PM	657000.000	9.203	15.394
20.730	37217.121	45580.328	29.587
30.995	26.869	1.022	
1/16/2017 7:45:00 PM	657900.000	9.393	15.398
21.158	37190.441	45543.305	29.561
30.969	26.889	1.022	
1/16/2017 8:00:00 PM	658800.000	9.337	15.400
21.033	37164.445	45509.492	29.536
30.946	26.907	1.022	
1/16/2017 8:15:00 PM	659700.000	9.404	15.396
21.184	37220.152	45581.484	29.588
30.995	26.867	1.022	
1/16/2017 8:30:00 PM	660600.000	9.330	15.399
21.017	37171.980	45519.477	29.543
30.953	26.902	1.022	
1/16/2017 8:45:00 PM	661500.000	9.415	15.400
21.208	37179.668	45527.195	29.549
30.958	26.896	1.022	
1/16/2017 9:00:00 PM	662400.000	9.468	15.400
21.327	37225.328	45583.766	29.590
30.997	26.863	1.022	
1/16/2017 9:15:00 PM	663300.000	9.532	15.403
21.472	37189.656	45537.164	29.556
30.965	26.889	1.022	
1/16/2017 9:30:00 PM	664200.000	9.552	15.402
21.518	37180.840	45526.750	29.549
30.958	26.896	1.022	
1/16/2017 9:45:00 PM	665100.000	9.625	15.402
21.682	37217.605	45571.852	29.581
30.989	26.869	1.022	
1/16/2017 10:00:00 PM	666000.000	9.631	15.405
21.695	37128.043	45459.371	29.501
30.912	26.934	1.022	
1/16/2017 10:15:00 PM	666900.000	9.644	15.406
21.725	37159.852	45496.895	29.528
30.938	26.911	1.022	
1/16/2017 10:30:00 PM	667800.000	9.649	15.409
21.736	37142.133	45471.625	29.510

30.921	26.924	1.022	
1/16/2017 10:45:00 PM	668700.000	9.743	15.404
21.947	37181.551	45525.262	29.548
30.957	26.895	1.022	
1/16/2017 11:00:00 PM	669600.000	9.695	15.407
21.838	37172.320	45510.848	29.538
30.947	26.902	1.022	
1/16/2017 11:15:00 PM	670500.000	9.789	15.410
22.051	37168.516	45503.277	29.533
30.942	26.904	1.022	
1/16/2017 11:30:00 PM	671400.000	9.817	15.410
22.113	37142.824	45471.344	29.510
30.921	26.923	1.022	
1/16/2017 11:45:00 PM	672300.000	9.768	15.406
22.003	37180.598	45521.922	29.546
30.955	26.896	1.022	
1/17/2017 12:00:00 AM	673200.000	9.763	15.409
21.991	37161.145	45495.086	29.527
30.937	26.910	1.022	
1/17/2017 12:15:00 AM	674100.000	9.734	15.412
21.926	37142.770	45469.961	29.509
30.920	26.923	1.022	
1/17/2017 12:30:00 AM	675000.000	9.714	15.406
21.881	37210.215	45558.664	29.572
30.980	26.874	1.022	
1/17/2017 12:45:00 AM	675900.000	9.764	15.411
21.995	37180.762	45516.953	29.542
30.952	26.896	1.022	
1/17/2017 1:00:00 AM	676800.000	9.753	15.411
21.969	37185.711	45523.375	29.547
30.956	26.892	1.022	
1/17/2017 1:15:00 AM	677700.000	9.641	15.411
21.717	37154.359	45485.289	29.520
30.930	26.915	1.022	
1/17/2017 1:30:00 AM	678600.000	9.686	15.410
21.818	37161.160	45494.270	29.526
30.936	26.910	1.022	
1/17/2017 1:45:00 AM	679500.000	9.690	15.410
21.827	37164.984	45499.129	29.530
30.939	26.907	1.022	
1/17/2017 2:00:00 AM	680400.000	9.662	15.408
21.765	37186.531	45527.676	29.550
30.959	26.891	1.022	
1/17/2017 2:15:00 AM	681300.000	9.715	15.411
21.883	37147.406	45476.023	29.513
30.924	26.920	1.022	
1/17/2017 2:30:00 AM	682200.000	9.679	15.410
21.803	37151.234	45482.121	29.517
30.928	26.917	1.022	
1/17/2017 2:45:00 AM	683100.000	9.788	15.414
22.048	37139.832	45464.207	29.505
30.916	26.925	1.022	
1/17/2017 3:00:00 AM	684000.000	9.679	15.411
21.804	37180.617	45517.141	29.543
30.952	26.896	1.022	
1/17/2017 3:15:00 AM	684900.000	9.709	15.414

21.870	37134.770	45457.258	29.500
30.911	26.929	1.022	
1/17/2017 3:30:00 AM	685800.000	9.683	15.411
21.811	37169.918	45504.426	29.533
30.943	26.903	1.022	
1/17/2017 3:45:00 AM	686700.000	9.624	15.411
21.678	37163.262	45496.090	29.527
30.937	26.908	1.022	
1/17/2017 4:00:00 AM	687600.000	9.701	15.412
21.854	37120.875	45442.602	29.489
30.901	26.939	1.022	
1/17/2017 4:15:00 AM	688500.000	9.663	15.413
21.767	37140.207	45465.699	29.506
30.917	26.925	1.022	
1/17/2017 4:30:00 AM	689400.000	9.708	15.408
21.869	37165.258	45501.723	29.531
30.941	26.907	1.022	
1/17/2017 4:45:00 AM	690300.000	9.904	15.412
22.311	37166.891	45499.395	29.530
30.940	26.906	1.022	
1/17/2017 5:00:00 AM	691200.000	10.196	15.423
22.969	37118.715	45428.676	29.480
30.892	26.941	1.022	
1/17/2017 5:15:00 AM	692100.000	10.140	15.420
22.842	37149.645	45469.617	29.509
30.919	26.918	1.022	
1/17/2017 5:30:00 AM	693000.000	10.133	15.424
22.826	37121.406	45431.027	29.481
30.893	26.939	1.022	
1/17/2017 5:45:00 AM	693900.000	10.139	15.421
22.840	37162.594	45483.973	29.519
30.929	26.909	1.022	
1/17/2017 6:00:00 AM	694800.000	10.081	15.417
22.708	37127.871	45445.992	29.492
30.903	26.934	1.022	
1/17/2017 6:15:00 AM	695700.000	10.215	15.422
23.009	37087.926	45391.648	29.453
30.866	26.963	1.022	
1/17/2017 6:30:00 AM	696600.000	10.222	15.424
23.025	37107.844	45413.863	29.469
30.881	26.948	1.022	
1/17/2017 6:45:00 AM	697500.000	10.242	15.423
23.070	37115.328	45424.434	29.477
30.889	26.943	1.022	
1/17/2017 7:00:00 AM	698400.000	10.203	15.421
22.983	37153.219	45472.688	29.511
30.921	26.916	1.022	
1/17/2017 7:15:00 AM	699300.000	10.121	15.421
22.799	37170.453	45494.340	29.527
30.936	26.903	1.022	
1/17/2017 7:30:00 AM	700200.000	10.153	15.424
22.870	37108.758	45415.246	29.470
30.882	26.948	1.022	
1/17/2017 7:45:00 AM	701100.000	10.265	15.423
23.124	37097.953	45402.699	29.461
30.874	26.956	1.022	

1/17/2017 8:00:00 AM	702000.000	10.287	15.422
23.173	37122.969	45434.715	29.484
30.896	26.938	1.022	
1/17/2017 8:15:00 AM	702900.000	10.373	15.424
23.365	37115.461	45423.453	29.476
30.888	26.943	1.022	
1/17/2017 8:30:00 AM	703800.000	10.447	15.427
23.533	37119.797	45425.383	29.478
30.889	26.940	1.022	
1/17/2017 8:45:00 AM	704700.000	10.540	15.432
23.742	37107.340	45404.969	29.463
30.875	26.949	1.022	
1/17/2017 9:00:00 AM	705600.000	10.584	15.433
23.840	37056.164	45341.051	29.417
30.832	26.986	1.022	
1/17/2017 9:15:00 AM	706500.000	10.642	15.429
23.973	37095.125	45393.512	29.455
30.868	26.958	1.022	
1/17/2017 9:30:00 AM	707400.000	10.637	15.436
23.961	37052.457	45333.977	29.412
30.827	26.989	1.022	
1/17/2017 9:45:00 AM	708300.000	10.627	15.433
23.939	37124.234	45424.617	29.477
30.889	26.937	1.022	
1/17/2017 10:00:00 AM	709200.000	10.662	15.433
24.017	37111.184	45408.844	29.466
30.878	26.946	1.022	
1/17/2017 10:15:00 AM	710100.000	10.645	15.430
23.979	37106.527	45405.961	29.464
30.876	26.949	1.022	
1/17/2017 10:30:00 AM	711000.000	10.449	15.426
23.537	37127.797	45436.207	29.485
30.897	26.934	1.022	
1/17/2017 10:45:00 AM	711900.000	10.347	15.422
23.308	37113.230	45423.176	29.476
30.888	26.945	1.022	
1/17/2017 11:00:00 AM	712800.000	10.322	15.419
23.252	37091.148	45398.879	29.458
30.871	26.961	1.022	
1/17/2017 11:15:00 AM	713700.000	10.399	15.420
23.424	37092.699	45399.656	29.458
30.872	26.959	1.022	
1/17/2017 11:30:00 AM	714600.000	10.347	15.422
23.307	37107.035	45415.500	29.470
30.883	26.949	1.022	
1/17/2017 11:45:00 AM	715500.000	10.232	15.421
23.048	37135.715	45451.734	29.496
30.907	26.928	1.022	
1/17/2017 12:00:00 PM	716400.000	10.096	15.417
22.743	37146.273	45468.129	29.508
30.918	26.921	1.022	
1/17/2017 12:15:00 PM	717300.000	10.133	15.415
22.826	37142.559	45466.410	29.506
30.917	26.923	1.022	
1/17/2017 12:30:00 PM	718200.000	10.079	15.413
22.704	37169.570	45500.883	29.531

30.941	26.904	1.022	
1/17/2017 12:45:00 PM	719100.000	10.132	15.416
22.823	37139.867	45462.176	29.503
30.914	26.925	1.022	
1/17/2017 1:00:00 PM	720000.000	10.119	15.414
22.794	37167.117	45496.953	29.528
30.938	26.906	1.022	
1/17/2017 1:15:00 PM	720900.000	10.015	15.413
22.560	37125.254	45447.395	29.492
30.904	26.936	1.022	
1/17/2017 1:30:00 PM	721800.000	10.005	15.414
22.536	37172.188	45503.238	29.533
30.942	26.902	1.022	
1/17/2017 1:45:00 PM	722700.000	10.040	15.412
22.617	37151.434	45480.105	29.516
30.926	26.917	1.022	
1/17/2017 2:00:00 PM	723600.000	10.013	15.413
22.555	37127.621	45450.383	29.495
30.906	26.934	1.022	
1/17/2017 2:15:00 PM	724500.000	9.995	15.410
22.515	37195.746	45536.320	29.556
30.965	26.885	1.022	
1/17/2017 2:30:00 PM	725400.000	9.949	15.413
22.412	37158.945	45488.352	29.522
30.932	26.911	1.022	
1/17/2017 2:45:00 PM	726300.000	9.957	15.414
22.430	37143.008	45468.180	29.507
30.918	26.923	1.022	
1/17/2017 3:00:00 PM	727200.000	10.061	15.413
22.663	37170.598	45502.527	29.532
30.942	26.903	1.022	
1/17/2017 3:15:00 PM	728100.000	10.007	15.414
22.542	37159.152	45487.941	29.522
30.932	26.911	1.022	
1/17/2017 3:30:00 PM	729000.000	9.924	15.414
22.355	37178.742	45511.457	29.539
30.948	26.897	1.022	
1/17/2017 3:45:00 PM	729900.000	9.875	15.412
22.244	37182.977	45519.371	29.544
30.953	26.894	1.022	
1/17/2017 4:00:00 PM	730800.000	9.855	15.412
22.199	37156.473	45486.641	29.521
30.931	26.913	1.022	
1/17/2017 4:15:00 PM	731700.000	9.803	15.411
22.082	37122.063	45445.184	29.491
30.903	26.938	1.022	
1/17/2017 4:30:00 PM	732600.000	9.734	15.411
21.927	37160.398	45492.199	29.525
30.935	26.910	1.022	
1/17/2017 4:45:00 PM	733500.000	9.694	15.411
21.837	37150.641	45480.254	29.516
30.927	26.917	1.022	
1/17/2017 5:00:00 PM	734400.000	9.679	15.407
21.804	37179.828	45520.324	29.545
30.954	26.896	1.022	
1/17/2017 5:15:00 PM	735300.000	9.638	15.408

21.710	37201.090	45545.500	29.563
30.971	26.881	1.022	
1/17/2017 5:30:00 PM	736200.000	9.582	15.407
21.584	37156.559	45491.746	29.524
30.934	26.913	1.022	
1/17/2017 5:45:00 PM	737100.000	9.525	15.404
21.455	37170.090	45511.883	29.538
30.948	26.903	1.022	
1/17/2017 6:00:00 PM	738000.000	9.551	15.400
21.514	37165.980	45511.090	29.537
30.948	26.906	1.022	
1/17/2017 6:15:00 PM	738900.000	9.436	15.405
21.256	37178.188	45520.672	29.545
30.954	26.897	1.022	
1/17/2017 6:30:00 PM	739800.000	9.429	15.402
21.240	37179.066	45524.379	29.547
30.957	26.897	1.022	
1/17/2017 6:45:00 PM	740700.000	9.467	15.402
21.326	37161.945	45503.324	29.532
30.942	26.909	1.022	
1/17/2017 7:00:00 PM	741600.000	9.376	15.403
21.121	37182.066	45527.488	29.550
30.959	26.895	1.022	
1/17/2017 7:15:00 PM	742500.000	9.346	15.404
21.052	37174.410	45516.898	29.542
30.951	26.900	1.022	
1/17/2017 7:30:00 PM	743400.000	9.415	15.401
21.209	37184.539	45532.777	29.553
30.962	26.893	1.022	
1/17/2017 7:45:00 PM	744300.000	9.378	15.401
21.125	37186.266	45534.801	29.555
30.964	26.892	1.022	
1/17/2017 8:00:00 PM	745200.000	9.364	15.402
21.094	37163.281	45505.707	29.534
30.944	26.908	1.022	
1/17/2017 8:15:00 PM	746100.000	9.405	15.403
21.187	37177.445	45521.461	29.545
30.955	26.898	1.022	
1/17/2017 8:30:00 PM	747000.000	9.452	15.405
21.291	37158.945	45497.207	29.528
30.938	26.911	1.022	
1/17/2017 8:45:00 PM	747900.000	9.457	15.402
21.304	37173.953	45518.500	29.543
30.953	26.901	1.022	
1/17/2017 9:00:00 PM	748800.000	9.449	15.403
21.285	37162.469	45502.926	29.532
30.942	26.909	1.022	
1/17/2017 9:15:00 PM	749700.000	9.533	15.406
21.474	37169.328	45508.695	29.536
30.946	26.904	1.022	
1/17/2017 9:30:00 PM	750600.000	9.494	15.407
21.385	37183.859	45524.879	29.548
30.957	26.893	1.022	
1/17/2017 9:45:00 PM	751500.000	9.526	15.406
21.458	37175.273	45516.340	29.542
30.951	26.900	1.022	

1/17/2017 10:00:00 PM	752400.000	9.560	15.406
21.536	37161.383	45498.965	29.529
30.939	26.910	1.022	
1/17/2017 10:15:00 PM	753300.000	9.562	15.407
21.539	37139.543	45471.000	29.509
30.920	26.925	1.022	
1/17/2017 10:30:00 PM	754200.000	9.543	15.408
21.497	37193.625	45535.703	29.556
30.964	26.886	1.022	
1/17/2017 10:45:00 PM	755100.000	9.599	15.412
21.622	37161.828	45493.117	29.525
30.935	26.909	1.022	
1/17/2017 11:00:00 PM	756000.000	9.624	15.412
21.678	37161.301	45492.836	29.525
30.935	26.910	1.022	
1/17/2017 11:15:00 PM	756900.000	9.602	15.409
21.628	37183.039	45521.793	29.546
30.955	26.894	1.022	
1/17/2017 11:30:00 PM	757800.000	9.718	15.412
21.890	37195.094	45533.734	29.555
30.963	26.885	1.022	
1/17/2017 11:45:00 PM	758700.000	9.622	15.412
21.674	37162.984	45494.051	29.526
30.936	26.908	1.022	
1/18/2017 12:00:00 AM	759600.000	9.694	15.412
21.837	37174.875	45508.980	29.537
30.946	26.900	1.022	
1/18/2017 12:15:00 AM	760500.000	9.666	15.413
21.774	37144.324	45469.977	29.509
30.920	26.922	1.022	
1/18/2017 12:30:00 AM	761400.000	9.696	15.409
21.842	37208.852	45553.598	29.569
30.976	26.875	1.022	
1/18/2017 12:45:00 AM	762300.000	9.665	15.412
21.772	37170.895	45503.930	29.533
30.943	26.903	1.022	
1/18/2017 1:00:00 AM	763200.000	9.683	15.412
21.812	37153.418	45483.098	29.518
30.929	26.915	1.022	
1/18/2017 1:15:00 AM	764100.000	9.661	15.413
21.762	37177.887	45511.824	29.539
30.948	26.898	1.022	
1/18/2017 1:30:00 AM	765000.000	9.624	15.410
21.680	37159.551	45491.918	29.524
30.935	26.911	1.022	
1/18/2017 1:45:00 AM	765900.000	9.633	15.412
21.699	37142.102	45468.969	29.508
30.919	26.924	1.022	
1/18/2017 2:00:00 AM	766800.000	9.648	15.409
21.734	37149.473	45481.000	29.516
30.927	26.918	1.022	
1/18/2017 2:15:00 AM	767700.000	9.588	15.411
21.599	37149.953	45479.602	29.516
30.926	26.918	1.022	
1/18/2017 2:30:00 AM	768600.000	9.579	15.412
21.577	37168.707	45501.902	29.532

30.941	26.904	1.022	
1/18/2017 2:45:00 AM	769500.000	9.597	15.410
21.617	37153.293	45484.641	29.519
30.930	26.916	1.022	
1/18/2017 3:00:00 AM	770400.000	9.615	15.412
21.660	37135.293	45460.711	29.502
30.913	26.929	1.022	
1/18/2017 3:15:00 AM	771300.000	9.641	15.412
21.717	37153.547	45483.059	29.518
30.928	26.915	1.022	
1/18/2017 3:30:00 AM	772200.000	9.580	15.410
21.579	37154.898	45486.313	29.520
30.931	26.914	1.022	
1/18/2017 3:45:00 AM	773100.000	9.532	15.411
21.472	37220.730	45565.883	29.578
30.985	26.867	1.022	
1/18/2017 4:00:00 AM	774000.000	9.508	15.412
21.417	37177.332	45511.895	29.539
30.948	26.898	1.022	
1/18/2017 4:15:00 AM	774900.000	9.537	15.414
21.482	37126.488	45447.219	29.492
30.904	26.935	1.022	
1/18/2017 4:30:00 AM	775800.000	9.541	15.406
21.492	37187.961	45530.938	29.552
30.961	26.890	1.022	
1/18/2017 4:45:00 AM	776700.000	9.577	15.413
21.574	37125.703	45448.035	29.493
30.905	26.936	1.022	
1/18/2017 5:00:00 AM	777600.000	9.495	15.412
21.389	37120.328	45442.313	29.489
30.901	26.939	1.022	
1/18/2017 5:15:00 AM	778500.000	9.554	15.413
21.521	37149.188	45476.969	29.514
30.924	26.918	1.022	
1/18/2017 5:30:00 AM	779400.000	9.962	15.420
22.441	37158.246	45479.969	29.516
30.926	26.912	1.022	
1/18/2017 5:45:00 AM	780300.000	9.971	15.420
22.460	37131.414	45447.125	29.493
30.904	26.931	1.022	
1/18/2017 6:00:00 AM	781200.000	10.099	15.418
22.748	37138.734	45458.066	29.500
30.911	26.926	1.022	
1/18/2017 6:15:00 AM	782100.000	10.114	15.424
22.782	37129.352	45440.754	29.488
30.900	26.933	1.022	
1/18/2017 6:30:00 AM	783000.000	10.085	15.424
22.717	37132.805	45444.676	29.491
30.902	26.930	1.022	
1/18/2017 6:45:00 AM	783900.000	10.100	15.423
22.750	37141.078	45456.426	29.500
30.910	26.924	1.022	
1/18/2017 7:00:00 AM	784800.000	10.083	15.421
22.713	37144.277	45461.930	29.503
30.914	26.922	1.022	
1/18/2017 7:15:00 AM	785700.000	10.142	15.423

22.845	37133.398	45446.648	29.493
30.904	26.930	1.022	
1/18/2017 7:30:00 AM	786600.000	10.161	15.421
22.888	37164.105	45485.824	29.521
30.930	26.908	1.022	
1/18/2017 7:45:00 AM	787500.000	10.191	15.421
22.956	37127.945	45441.461	29.489
30.900	26.934	1.022	
1/18/2017 8:00:00 AM	788400.000	10.137	15.424
22.834	37112.355	45419.297	29.473
30.885	26.945	1.022	
1/18/2017 8:15:00 AM	789300.000	10.309	15.421
23.222	37162.719	45484.227	29.520
30.929	26.909	1.022	
1/18/2017 8:30:00 AM	790200.000	10.403	15.426
23.433	37132.320	45441.852	29.489
30.900	26.931	1.022	
1/18/2017 8:45:00 AM	791100.000	10.531	15.434
23.722	37108.441	45404.727	29.463
30.875	26.948	1.022	
1/18/2017 9:00:00 AM	792000.000	10.528	15.432
23.715	37130.117	45433.043	29.483
30.894	26.932	1.022	
1/18/2017 9:15:00 AM	792900.000	10.596	15.435
23.869	37114.738	45410.648	29.467
30.879	26.943	1.022	
1/18/2017 9:30:00 AM	793800.000	10.548	15.433
23.760	37084.637	45376.359	29.443
30.856	26.965	1.022	
1/18/2017 9:45:00 AM	794700.000	10.614	15.434
23.909	37102.961	45397.742	29.458
30.870	26.952	1.022	
1/18/2017 10:00:00 AM	795600.000	10.565	15.430
23.798	37135.262	45440.934	29.489
30.900	26.929	1.022	
1/18/2017 10:15:00 AM	796500.000	10.522	15.431
23.702	37108.676	45407.367	29.465
30.877	26.948	1.022	
1/18/2017 10:30:00 AM	797400.000	10.503	15.429
23.658	37117.531	45420.551	29.474
30.886	26.941	1.022	
1/18/2017 10:45:00 AM	798300.000	10.547	15.423
23.757	37150.254	45467.371	29.507
30.918	26.918	1.022	
1/18/2017 11:00:00 AM	799200.000	10.358	15.418
23.332	37121.090	45436.652	29.485
30.897	26.939	1.022	
1/18/2017 11:15:00 AM	800100.000	10.184	15.420
22.941	37147.301	45466.672	29.507
30.917	26.920	1.022	
1/18/2017 11:30:00 AM	801000.000	10.175	15.418
22.920	37190.563	45521.398	29.546
30.955	26.889	1.022	
1/18/2017 11:45:00 AM	801900.000	10.183	15.418
22.937	37169.855	45496.344	29.528
30.938	26.904	1.022	

1/18/2017 12:00:00 PM	802800.000	10.150	15.415
22.863	37149.875	45475.555	29.513
30.923	26.918	1.022	
1/18/2017 12:15:00 PM	803700.000	10.041	15.412
22.617	37176.305	45510.637	29.538
30.947	26.899	1.022	
1/18/2017 12:30:00 PM	804600.000	10.043	15.409
22.624	37172.965	45509.555	29.537
30.946	26.901	1.022	
1/18/2017 12:45:00 PM	805500.000	10.064	15.411
22.671	37182.004	45518.375	29.544
30.952	26.895	1.022	
1/18/2017 1:00:00 PM	806400.000	10.007	15.406
22.542	37198.844	45544.363	29.562
30.970	26.883	1.022	
1/18/2017 1:15:00 PM	807300.000	9.947	15.408
22.407	37186.305	45527.035	29.550
30.958	26.892	1.022	
1/18/2017 1:30:00 PM	808200.000	9.960	15.407
22.436	37204.773	45550.863	29.567
30.975	26.878	1.022	
1/18/2017 1:45:00 PM	809100.000	9.951	15.409
22.415	37198.023	45540.441	29.559
30.968	26.883	1.022	
1/18/2017 2:00:00 PM	810000.000	9.924	15.406
22.356	37195.711	45540.625	29.559
30.968	26.885	1.022	
1/18/2017 2:15:00 PM	810900.000	10.006	15.406
22.540	37185.031	45527.918	29.550
30.959	26.893	1.022	
1/18/2017 2:30:00 PM	811800.000	10.039	15.404
22.615	37222.137	45575.043	29.584
30.991	26.866	1.022	
1/18/2017 2:45:00 PM	812700.000	9.951	15.408
22.415	37228.855	45579.684	29.587
30.994	26.861	1.022	
1/18/2017 3:00:00 PM	813600.000	10.037	15.405
22.609	37181.391	45524.414	29.547
30.957	26.895	1.022	
1/18/2017 3:15:00 PM	814500.000	9.973	15.407
22.465	37200.176	45544.855	29.562
30.971	26.882	1.022	
1/18/2017 3:30:00 PM	815400.000	9.973	15.406
22.465	37202.621	45549.820	29.566
30.974	26.880	1.022	
1/18/2017 3:45:00 PM	816300.000	10.015	15.405
22.560	37214.613	45564.988	29.577
30.984	26.871	1.022	
1/18/2017 4:00:00 PM	817200.000	9.951	15.405
22.416	37192.555	45538.535	29.558
30.966	26.887	1.022	
1/18/2017 4:15:00 PM	818100.000	9.994	15.403
22.512	37219.051	45572.117	29.582
30.989	26.868	1.022	
1/18/2017 4:30:00 PM	819000.000	10.127	15.404
22.813	37220.910	45573.453	29.583

30.990	26.867	1.022	
1/18/2017 4:45:00 PM	819900.000	9.960	15.407
22.437	37219.266	45568.980	29.580
30.987	26.868	1.022	
1/18/2017 5:00:00 PM	820800.000	9.970	15.404
22.458	37203.438	45552.715	29.568
30.976	26.879	1.022	
1/18/2017 5:15:00 PM	821700.000	9.915	15.403
22.334	37188.066	45535.219	29.555
30.964	26.890	1.022	
1/18/2017 5:30:00 PM	822600.000	9.911	15.402
22.325	37237.609	45596.543	29.599
31.006	26.855	1.022	
1/18/2017 5:45:00 PM	823500.000	9.880	15.402
22.256	37197.863	45547.961	29.564
30.973	26.883	1.022	
1/18/2017 6:00:00 PM	824400.000	9.844	15.402
22.174	37225.660	45582.090	29.589
30.996	26.863	1.022	
1/18/2017 6:15:00 PM	825300.000	9.759	15.401
21.983	37183.242	45530.434	29.552
30.961	26.894	1.022	
1/18/2017 6:30:00 PM	826200.000	9.745	15.400
21.952	37207.477	45561.434	29.574
30.982	26.876	1.022	
1/18/2017 6:45:00 PM	827100.000	9.653	15.399
21.745	37216.332	45574.066	29.583
30.990	26.870	1.022	
1/18/2017 7:00:00 PM	828000.000	9.726	15.399
21.910	37219.074	45577.238	29.585
30.993	26.868	1.022	
1/18/2017 7:15:00 PM	828900.000	9.754	15.393
21.973	37225.086	45590.172	29.594
31.001	26.864	1.022	
1/18/2017 7:30:00 PM	829800.000	9.621	15.398
21.672	37182.629	45532.898	29.553
30.962	26.894	1.022	
1/18/2017 7:45:00 PM	830700.000	9.710	15.397
21.872	37213.566	45572.664	29.582
30.989	26.872	1.022	
1/18/2017 8:00:00 PM	831600.000	9.659	15.396
21.758	37217.383	45577.523	29.585
30.993	26.869	1.022	
1/18/2017 8:15:00 PM	832500.000	9.619	15.396
21.668	37225.777	45588.656	29.593
31.000	26.863	1.022	
1/18/2017 8:30:00 PM	833400.000	9.621	15.396
21.673	37225.137	45587.871	29.593
31.000	26.864	1.022	
1/18/2017 8:45:00 PM	834300.000	9.632	15.393
21.698	37236.727	45605.469	29.605
31.012	26.855	1.022	
1/18/2017 9:00:00 PM	835200.000	9.633	15.397
21.700	37213.438	45572.508	29.582
30.989	26.872	1.022	
1/18/2017 9:15:00 PM	836100.000	9.688	15.395

21.823	37219.621	45582.164	29.588
30.996	26.868	1.022	
1/18/2017 9:30:00 PM	837000.000	9.628	15.395
21.687	37214.801	45575.785	29.584
30.992	26.871	1.022	
1/18/2017 9:45:00 PM	837900.000	9.667	15.396
21.776	37217.668	45578.621	29.586
30.993	26.869	1.022	
1/18/2017 10:00:00 PM	838800.000	9.630	15.393
21.692	37214.441	45577.605	29.585
30.993	26.871	1.022	
1/18/2017 10:15:00 PM	839700.000	9.723	15.393
21.902	37237.547	45605.902	29.605
31.012	26.855	1.022	
1/18/2017 10:30:00 PM	840600.000	9.725	15.396
21.906	37223.238	45585.445	29.591
30.998	26.865	1.022	
1/18/2017 10:45:00 PM	841500.000	9.679	15.393
21.804	37234.676	45602.016	29.603
31.009	26.857	1.022	
1/18/2017 11:00:00 PM	842400.000	9.669	15.395
21.781	37248.480	45617.398	29.614
31.020	26.847	1.022	
1/18/2017 11:15:00 PM	843300.000	9.704	15.393
21.859	37239.430	45608.676	29.607
31.014	26.853	1.022	
1/18/2017 11:30:00 PM	844200.000	9.692	15.395
21.832	37255.168	45625.871	29.620
31.026	26.842	1.022	
1/18/2017 11:45:00 PM	845100.000	9.716	15.394
21.886	37223.332	45587.641	29.592
31.000	26.865	1.022	

Report Date: 1/20/2017 8:27:32 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_2017-01-19_14-15-34-875.wsl
Create Date: 1/19/2017 2:14:47 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

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
1/19/2017 2:17:23 PM Log Download - Used Battery: 11% Used Memory: 50% User Name: EHernandez Interval
- Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 3:15:00 PM

Log Data:

Record Count: 738

Sensors: 1

1 - 399604: Baro-Pressure/Temp

Time Zone: Pacific Standard Time

Date and Time	Sensor: Baro Pres		Sensor: Baro Pres	
	Elapsed Time	SN#: 399604	SN#: 399604	
	Seconds	Pressure (mmHg)	Temperature (C)	
1/12/2017 12:00:00 AM	7200.000		759.124	12.627
1/12/2017 12:15:00 AM	8100.000		759.098	12.651
1/12/2017 12:30:00 AM	9000.000		758.715	12.620
1/12/2017 12:45:00 AM	9900.000		758.593	12.607
1/12/2017 1:00:00 AM	10800.000		758.307	12.599
1/12/2017 1:15:00 AM	11700.000		758.174	12.597
1/12/2017 1:30:00 AM	12600.000		758.299	12.586
1/12/2017 1:45:00 AM	13500.000		758.122	12.585
1/12/2017 2:00:00 AM	14400.000		758.025	12.589
1/12/2017 2:15:00 AM	15300.000		758.299	12.556

1/12/2017 2:30:00 AM	16200.000	758.567	12.564
1/12/2017 2:45:00 AM	17100.000	758.404	12.533
1/12/2017 3:00:00 AM	18000.000	758.484	12.542
1/12/2017 3:15:00 AM	18900.000	758.086	12.533
1/12/2017 3:30:00 AM	19800.000	757.848	12.535
1/12/2017 3:45:00 AM	20700.000	758.462	12.490
1/12/2017 4:00:00 AM	21600.000	757.888	12.422
1/12/2017 4:15:00 AM	22500.000	757.977	12.399
1/12/2017 4:30:00 AM	23400.000	757.933	12.360
1/12/2017 4:45:00 AM	24300.000	757.655	12.277
1/12/2017 5:00:00 AM	25200.000	757.673	12.236
1/12/2017 5:15:00 AM	26100.000	757.821	12.174
1/12/2017 5:30:00 AM	27000.000	757.694	12.110
1/12/2017 5:45:00 AM	27900.000	757.497	12.035
1/12/2017 6:00:00 AM	28800.000	757.951	12.032
1/12/2017 6:15:00 AM	29700.000	757.961	12.026
1/12/2017 6:30:00 AM	30600.000	757.640	11.979
1/12/2017 6:45:00 AM	31500.000	758.048	11.961
1/12/2017 7:00:00 AM	32400.000	758.303	11.965
1/12/2017 7:15:00 AM	33300.000	758.148	11.981
1/12/2017 7:30:00 AM	34200.000	758.560	11.983
1/12/2017 7:45:00 AM	35100.000	758.978	11.986
1/12/2017 8:00:00 AM	36000.000	758.903	12.011
1/12/2017 8:15:00 AM	36900.000	759.282	12.006
1/12/2017 8:30:00 AM	37800.000	759.667	12.042
1/12/2017 8:45:00 AM	38700.000	759.708	12.060
1/12/2017 9:00:00 AM	39600.000	760.304	12.114
1/12/2017 9:15:00 AM	40500.000	759.835	12.194
1/12/2017 9:30:00 AM	41400.000	759.887	12.225
1/12/2017 9:45:00 AM	42300.000	760.746	12.340
1/12/2017 10:00:00 AM	43200.000	760.455	12.486
1/12/2017 10:15:00 AM	44100.000	760.543	12.611
1/12/2017 10:30:00 AM	45000.000	760.545	12.772
1/12/2017 10:45:00 AM	45900.000	760.780	12.917
1/12/2017 11:00:00 AM	46800.000	760.486	13.035
1/12/2017 11:15:00 AM	47700.000	760.422	13.126
1/12/2017 11:30:00 AM	48600.000	760.838	13.234
1/12/2017 11:45:00 AM	49500.000	760.447	13.344
1/12/2017 12:00:00 PM	50400.000	760.375	13.402
1/12/2017 12:15:00 PM	51300.000	760.239	13.489
1/12/2017 12:30:00 PM	52200.000	760.269	13.576
1/12/2017 12:45:00 PM	53100.000	759.955	13.648
1/12/2017 1:00:00 PM	54000.000	760.071	13.756
1/12/2017 1:15:00 PM	54900.000	760.148	13.837
1/12/2017 1:30:00 PM	55800.000	759.906	13.889
1/12/2017 1:45:00 PM	56700.000	760.055	14.017
1/12/2017 2:00:00 PM	57600.000	760.153	14.088
1/12/2017 2:15:00 PM	58500.000	759.817	14.121
1/12/2017 2:30:00 PM	59400.000	760.125	14.189
1/12/2017 2:45:00 PM	60300.000	759.948	14.262
1/12/2017 3:00:00 PM	61200.000	760.241	14.313
1/12/2017 3:15:00 PM	62100.000	760.350	14.359
1/12/2017 3:30:00 PM	63000.000	760.285	14.360
1/12/2017 3:45:00 PM	63900.000	760.442	14.377

1/12/2017 4:00:00 PM	64800.000	760.594	14.318
1/12/2017 4:15:00 PM	65700.000	760.543	14.270
1/12/2017 4:30:00 PM	66600.000	760.749	14.197
1/12/2017 4:45:00 PM	67500.000	760.481	14.045
1/12/2017 5:00:00 PM	68400.000	760.528	13.923
1/12/2017 5:15:00 PM	69300.000	760.900	13.830
1/12/2017 5:30:00 PM	70200.000	760.243	13.755
1/12/2017 5:45:00 PM	71100.000	760.832	13.697
1/12/2017 6:00:00 PM	72000.000	760.458	13.584
1/12/2017 6:15:00 PM	72900.000	761.117	13.472
1/12/2017 6:30:00 PM	73800.000	760.752	13.385
1/12/2017 6:45:00 PM	74700.000	761.200	13.311
1/12/2017 7:00:00 PM	75600.000	761.528	13.281
1/12/2017 7:15:00 PM	76500.000	761.509	13.251
1/12/2017 7:30:00 PM	77400.000	761.537	13.205
1/12/2017 7:45:00 PM	78300.000	761.791	13.211
1/12/2017 8:00:00 PM	79200.000	761.999	13.155
1/12/2017 8:15:00 PM	80100.000	761.970	13.122
1/12/2017 8:30:00 PM	81000.000	762.266	13.109
1/12/2017 8:45:00 PM	81900.000	762.304	13.045
1/12/2017 9:00:00 PM	82800.000	761.902	12.980
1/12/2017 9:15:00 PM	83700.000	762.063	12.923
1/12/2017 9:30:00 PM	84600.000	762.467	12.799
1/12/2017 9:45:00 PM	85500.000	762.332	12.697
1/12/2017 10:00:00 PM	86400.000	762.270	12.648
1/12/2017 10:15:00 PM	87300.000	762.857	12.583
1/12/2017 10:30:00 PM	88200.000	762.757	12.462
1/12/2017 10:45:00 PM	89100.000	762.655	12.351
1/12/2017 11:00:00 PM	90000.000	762.991	12.230
1/12/2017 11:15:00 PM	90900.000	763.037	12.111
1/12/2017 11:30:00 PM	91800.000	762.898	11.985
1/12/2017 11:45:00 PM	92700.000	762.791	11.893
1/13/2017 12:00:00 AM	93600.000	762.873	11.777
1/13/2017 12:15:00 AM	94500.000	763.127	11.679
1/13/2017 12:30:00 AM	95400.000	762.837	11.549
1/13/2017 12:45:00 AM	96300.000	762.617	11.529
1/13/2017 1:00:00 AM	97200.000	762.982	11.388
1/13/2017 1:15:00 AM	98100.000	763.241	11.316
1/13/2017 1:30:00 AM	99000.000	762.961	11.253
1/13/2017 1:45:00 AM	99900.000	763.289	11.202
1/13/2017 2:00:00 AM	100800.000	763.439	11.099
1/13/2017 2:15:00 AM	101700.000	763.405	11.015
1/13/2017 2:30:00 AM	102600.000	763.045	11.040
1/13/2017 2:45:00 AM	103500.000	763.432	10.964
1/13/2017 3:00:00 AM	104400.000	763.882	10.909
1/13/2017 3:15:00 AM	105300.000	763.895	10.878
1/13/2017 3:30:00 AM	106200.000	763.667	10.818
1/13/2017 3:45:00 AM	107100.000	764.033	10.828
1/13/2017 4:00:00 AM	108000.000	763.989	10.700
1/13/2017 4:15:00 AM	108900.000	763.936	10.645
1/13/2017 4:30:00 AM	109800.000	763.805	10.535
1/13/2017 4:45:00 AM	110700.000	763.951	10.483
1/13/2017 5:00:00 AM	111600.000	764.151	10.438
1/13/2017 5:15:00 AM	112500.000	764.513	10.373

1/13/2017 5:30:00 AM	113400.000	764.238	10.274
1/13/2017 5:45:00 AM	114300.000	764.147	10.166
1/13/2017 6:00:00 AM	115200.000	764.533	10.076
1/13/2017 6:15:00 AM	116100.000	764.174	10.058
1/13/2017 6:30:00 AM	117000.000	764.343	10.043
1/13/2017 6:45:00 AM	117900.000	764.776	10.044
1/13/2017 7:00:00 AM	118800.000	764.812	10.015
1/13/2017 7:15:00 AM	119700.000	764.816	10.007
1/13/2017 7:30:00 AM	120600.000	764.922	9.991
1/13/2017 7:45:00 AM	121500.000	765.265	9.999
1/13/2017 8:00:00 AM	122400.000	764.995	9.991
1/13/2017 8:15:00 AM	123300.000	765.287	10.031
1/13/2017 8:30:00 AM	124200.000	765.532	10.089
1/13/2017 8:45:00 AM	125100.000	765.635	10.193
1/13/2017 9:00:00 AM	126000.000	765.698	10.375
1/13/2017 9:15:00 AM	126900.000	766.168	10.606
1/13/2017 9:30:00 AM	127800.000	766.009	10.853
1/13/2017 9:45:00 AM	128700.000	766.218	11.114
1/13/2017 10:00:00 AM	129600.000	766.326	11.347
1/13/2017 10:15:00 AM	130500.000	766.470	11.546
1/13/2017 10:30:00 AM	131400.000	766.705	11.746
1/13/2017 10:45:00 AM	132300.000	766.643	11.919
1/13/2017 11:00:00 AM	133200.000	766.502	12.022
1/13/2017 11:15:00 AM	134100.000	766.681	12.227
1/13/2017 11:30:00 AM	135000.000	766.273	12.357
1/13/2017 11:45:00 AM	135900.000	766.147	12.528
1/13/2017 12:00:00 PM	136800.000	766.200	12.627
1/13/2017 12:15:00 PM	137700.000	766.101	12.728
1/13/2017 12:30:00 PM	138600.000	765.424	12.881
1/13/2017 12:45:00 PM	139500.000	765.585	12.995
1/13/2017 1:00:00 PM	140400.000	765.596	13.107
1/13/2017 1:15:00 PM	141300.000	765.474	13.277
1/13/2017 1:30:00 PM	142200.000	765.473	13.378
1/13/2017 1:45:00 PM	143100.000	765.624	13.528
1/13/2017 2:00:00 PM	144000.000	765.350	13.602
1/13/2017 2:15:00 PM	144900.000	765.729	13.743
1/13/2017 2:30:00 PM	145800.000	765.752	13.812
1/13/2017 2:45:00 PM	146700.000	765.802	13.935
1/13/2017 3:00:00 PM	147600.000	765.820	13.959
1/13/2017 3:15:00 PM	148500.000	765.821	14.047
1/13/2017 3:30:00 PM	149400.000	765.626	14.044
1/13/2017 3:45:00 PM	150300.000	766.067	13.997
1/13/2017 4:00:00 PM	151200.000	765.503	13.853
1/13/2017 4:15:00 PM	152100.000	765.250	13.771
1/13/2017 4:30:00 PM	153000.000	765.583	13.653
1/13/2017 4:45:00 PM	153900.000	765.437	13.542
1/13/2017 5:00:00 PM	154800.000	765.519	13.463
1/13/2017 5:15:00 PM	155700.000	765.103	13.384
1/13/2017 5:30:00 PM	156600.000	765.444	13.312
1/13/2017 5:45:00 PM	157500.000	765.842	13.227
1/13/2017 6:00:00 PM	158400.000	765.721	13.091
1/13/2017 6:15:00 PM	159300.000	765.770	12.936
1/13/2017 6:30:00 PM	160200.000	765.440	12.785
1/13/2017 6:45:00 PM	161100.000	765.314	12.638

1/13/2017 7:00:00 PM	162000.000	766.020	12.570
1/13/2017 7:15:00 PM	162900.000	765.948	12.472
1/13/2017 7:30:00 PM	163800.000	765.714	12.345
1/13/2017 7:45:00 PM	164700.000	765.947	12.240
1/13/2017 8:00:00 PM	165600.000	766.270	12.104
1/13/2017 8:15:00 PM	166500.000	765.918	12.037
1/13/2017 8:30:00 PM	167400.000	766.377	11.907
1/13/2017 8:45:00 PM	168300.000	766.615	11.805
1/13/2017 9:00:00 PM	169200.000	766.912	11.717
1/13/2017 9:15:00 PM	170100.000	767.076	11.634
1/13/2017 9:30:00 PM	171000.000	766.926	11.529
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1/13/2017 10:00:00 PM	172800.000	767.249	11.348
1/13/2017 10:15:00 PM	173700.000	767.007	11.303
1/13/2017 10:30:00 PM	174600.000	767.233	11.259
1/13/2017 10:45:00 PM	175500.000	767.199	11.225
1/13/2017 11:00:00 PM	176400.000	767.037	11.194
1/13/2017 11:15:00 PM	177300.000	767.090	11.162
1/13/2017 11:30:00 PM	178200.000	767.254	11.077
1/13/2017 11:45:00 PM	179100.000	767.083	10.994
1/14/2017 12:00:00 AM	180000.000	766.813	10.978
1/14/2017 12:15:00 AM	180900.000	766.987	10.912
1/14/2017 12:30:00 AM	181800.000	767.134	10.850
1/14/2017 12:45:00 AM	182700.000	766.866	10.780
1/14/2017 1:00:00 AM	183600.000	767.130	10.710
1/14/2017 1:15:00 AM	184500.000	766.956	10.686
1/14/2017 1:30:00 AM	185400.000	766.643	10.633
1/14/2017 1:45:00 AM	186300.000	766.976	10.578
1/14/2017 2:00:00 AM	187200.000	766.948	10.545
1/14/2017 2:15:00 AM	188100.000	766.849	10.501
1/14/2017 2:30:00 AM	189000.000	766.816	10.479
1/14/2017 2:45:00 AM	189900.000	767.032	10.459
1/14/2017 3:00:00 AM	190800.000	766.934	10.444
1/14/2017 3:15:00 AM	191700.000	767.407	10.408
1/14/2017 3:30:00 AM	192600.000	766.651	10.291
1/14/2017 3:45:00 AM	193500.000	766.894	10.290
1/14/2017 4:00:00 AM	194400.000	766.849	10.227
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1/14/2017 4:30:00 AM	196200.000	767.445	9.993
1/14/2017 4:45:00 AM	197100.000	766.897	9.877
1/14/2017 5:00:00 AM	198000.000	767.284	9.812
1/14/2017 5:15:00 AM	198900.000	766.622	9.726
1/14/2017 5:30:00 AM	199800.000	767.364	9.669
1/14/2017 5:45:00 AM	200700.000	766.673	9.592
1/14/2017 6:00:00 AM	201600.000	766.765	9.538
1/14/2017 6:15:00 AM	202500.000	766.719	9.569
1/14/2017 6:30:00 AM	203400.000	766.778	9.483
1/14/2017 6:45:00 AM	204300.000	766.504	9.443
1/14/2017 7:00:00 AM	205200.000	767.013	9.425
1/14/2017 7:15:00 AM	206100.000	766.937	9.412
1/14/2017 7:30:00 AM	207000.000	766.885	9.324
1/14/2017 7:45:00 AM	207900.000	766.775	9.326
1/14/2017 8:00:00 AM	208800.000	766.857	9.279
1/14/2017 8:15:00 AM	209700.000	766.711	9.308

1/14/2017 8:30:00 AM	210600.000	767.061	9.403
1/14/2017 8:45:00 AM	211500.000	767.202	9.571
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1/14/2017 9:15:00 AM	213300.000	767.363	10.017
1/14/2017 9:30:00 AM	214200.000	767.594	10.277
1/14/2017 9:45:00 AM	215100.000	767.588	10.581
1/14/2017 10:00:00 AM	216000.000	767.644	10.816
1/14/2017 10:15:00 AM	216900.000	767.115	11.080
1/14/2017 10:30:00 AM	217800.000	767.090	11.323
1/14/2017 10:45:00 AM	218700.000	767.007	11.494
1/14/2017 11:00:00 AM	219600.000	766.833	11.641
1/14/2017 11:15:00 AM	220500.000	766.854	11.818
1/14/2017 11:30:00 AM	221400.000	766.764	11.970
1/14/2017 11:45:00 AM	222300.000	766.129	12.093
1/14/2017 12:00:00 PM	223200.000	766.304	12.244
1/14/2017 12:15:00 PM	224100.000	765.929	12.381
1/14/2017 12:30:00 PM	225000.000	765.884	12.542
1/14/2017 12:45:00 PM	225900.000	765.561	12.660
1/14/2017 1:00:00 PM	226800.000	765.431	12.829
1/14/2017 1:15:00 PM	227700.000	765.029	12.956
1/14/2017 1:30:00 PM	228600.000	765.061	13.098
1/14/2017 1:45:00 PM	229500.000	764.962	13.268
1/14/2017 2:00:00 PM	230400.000	765.119	13.400
1/14/2017 2:15:00 PM	231300.000	765.096	13.507
1/14/2017 2:30:00 PM	232200.000	765.306	13.609
1/14/2017 2:45:00 PM	233100.000	765.430	13.684
1/14/2017 3:00:00 PM	234000.000	765.028	13.783
1/14/2017 3:15:00 PM	234900.000	764.625	13.835
1/14/2017 3:30:00 PM	235800.000	765.059	13.857
1/14/2017 3:45:00 PM	236700.000	765.080	13.805
1/14/2017 4:00:00 PM	237600.000	765.248	13.691
1/14/2017 4:15:00 PM	238500.000	765.199	13.561
1/14/2017 4:30:00 PM	239400.000	765.647	13.436
1/14/2017 4:45:00 PM	240300.000	765.373	13.335
1/14/2017 5:00:00 PM	241200.000	765.599	13.291
1/14/2017 5:15:00 PM	242100.000	765.079	13.213
1/14/2017 5:30:00 PM	243000.000	765.111	13.178
1/14/2017 5:45:00 PM	243900.000	764.918	13.092
1/14/2017 6:00:00 PM	244800.000	765.237	13.029
1/14/2017 6:15:00 PM	245700.000	765.442	12.946
1/14/2017 6:30:00 PM	246600.000	765.118	12.836
1/14/2017 6:45:00 PM	247500.000	765.376	12.749
1/14/2017 7:00:00 PM	248400.000	764.894	12.663
1/14/2017 7:15:00 PM	249300.000	764.993	12.623
1/14/2017 7:30:00 PM	250200.000	765.156	12.561
1/14/2017 7:45:00 PM	251100.000	764.971	12.501
1/14/2017 8:00:00 PM	252000.000	764.996	12.444
1/14/2017 8:15:00 PM	252900.000	765.628	12.377
1/14/2017 8:30:00 PM	253800.000	764.988	12.288
1/14/2017 8:45:00 PM	254700.000	765.248	12.228
1/14/2017 9:00:00 PM	255600.000	764.905	12.118
1/14/2017 9:15:00 PM	256500.000	765.377	12.022
1/14/2017 9:30:00 PM	257400.000	765.036	11.983
1/14/2017 9:45:00 PM	258300.000	765.054	11.902

1/14/2017 10:00:00 PM	259200.000	764.947	11.817
1/14/2017 10:15:00 PM	260100.000	764.983	11.792
1/14/2017 10:30:00 PM	261000.000	765.052	11.728
1/14/2017 10:45:00 PM	261900.000	765.232	11.702
1/14/2017 11:00:00 PM	262800.000	764.915	11.654
1/14/2017 11:15:00 PM	263700.000	765.100	11.573
1/14/2017 11:30:00 PM	264600.000	765.195	11.488
1/14/2017 11:45:00 PM	265500.000	765.472	11.431
1/15/2017 12:00:00 AM	266400.000	765.234	11.365
1/15/2017 12:15:00 AM	267300.000	765.354	11.282
1/15/2017 12:30:00 AM	268200.000	765.197	11.215
1/15/2017 12:45:00 AM	269100.000	764.876	11.131
1/15/2017 1:00:00 AM	270000.000	765.038	11.059
1/15/2017 1:15:00 AM	270900.000	765.078	11.024
1/15/2017 1:30:00 AM	271800.000	764.680	10.941
1/15/2017 1:45:00 AM	272700.000	765.005	10.900
1/15/2017 2:00:00 AM	273600.000	765.094	10.843
1/15/2017 2:15:00 AM	274500.000	764.679	10.758
1/15/2017 2:30:00 AM	275400.000	765.163	10.666
1/15/2017 2:45:00 AM	276300.000	765.366	10.547
1/15/2017 3:00:00 AM	277200.000	765.041	10.489
1/15/2017 3:15:00 AM	278100.000	765.263	10.380
1/15/2017 3:30:00 AM	279000.000	765.082	10.350
1/15/2017 3:45:00 AM	279900.000	764.963	10.319
1/15/2017 4:00:00 AM	280800.000	765.282	10.236
1/15/2017 4:15:00 AM	281700.000	765.281	10.176
1/15/2017 4:30:00 AM	282600.000	764.769	10.112
1/15/2017 4:45:00 AM	283500.000	764.936	10.021
1/15/2017 5:00:00 AM	284400.000	764.701	9.872
1/15/2017 5:15:00 AM	285300.000	764.978	9.731
1/15/2017 5:30:00 AM	286200.000	764.841	9.620
1/15/2017 5:45:00 AM	287100.000	764.978	9.534
1/15/2017 6:00:00 AM	288000.000	764.673	9.443
1/15/2017 6:15:00 AM	288900.000	765.012	9.420
1/15/2017 6:30:00 AM	289800.000	764.983	9.342
1/15/2017 6:45:00 AM	290700.000	764.674	9.275
1/15/2017 7:00:00 AM	291600.000	764.817	9.238
1/15/2017 7:15:00 AM	292500.000	764.810	9.190
1/15/2017 7:30:00 AM	293400.000	764.701	9.149
1/15/2017 7:45:00 AM	294300.000	764.682	9.155
1/15/2017 8:00:00 AM	295200.000	765.009	9.165
1/15/2017 8:15:00 AM	296100.000	764.969	9.162
1/15/2017 8:30:00 AM	297000.000	765.049	9.212
1/15/2017 8:45:00 AM	297900.000	765.330	9.257
1/15/2017 9:00:00 AM	298800.000	765.525	9.389
1/15/2017 9:15:00 AM	299700.000	765.606	9.585
1/15/2017 9:30:00 AM	300600.000	765.526	9.858
1/15/2017 9:45:00 AM	301500.000	765.716	10.141
1/15/2017 10:00:00 AM	302400.000	765.717	10.447
1/15/2017 10:15:00 AM	303300.000	766.016	10.675
1/15/2017 10:30:00 AM	304200.000	766.117	10.949
1/15/2017 10:45:00 AM	305100.000	765.938	11.126
1/15/2017 11:00:00 AM	306000.000	765.832	11.351
1/15/2017 11:15:00 AM	306900.000	765.558	11.500

1/15/2017 11:30:00 AM	307800.000	765.511	11.660
1/15/2017 11:45:00 AM	308700.000	765.321	11.829
1/15/2017 12:00:00 PM	309600.000	765.037	11.952
1/15/2017 12:15:00 PM	310500.000	764.978	12.091
1/15/2017 12:30:00 PM	311400.000	764.466	12.247
1/15/2017 12:45:00 PM	312300.000	764.268	12.348
1/15/2017 1:00:00 PM	313200.000	763.993	12.500
1/15/2017 1:15:00 PM	314100.000	763.797	12.633
1/15/2017 1:30:00 PM	315000.000	764.296	12.742
1/15/2017 1:45:00 PM	315900.000	763.781	12.863
1/15/2017 2:00:00 PM	316800.000	763.838	12.992
1/15/2017 2:15:00 PM	317700.000	764.229	13.110
1/15/2017 2:30:00 PM	318600.000	764.360	13.192
1/15/2017 2:45:00 PM	319500.000	764.016	13.281
1/15/2017 3:00:00 PM	320400.000	763.837	13.370
1/15/2017 3:15:00 PM	321300.000	764.062	13.394
1/15/2017 3:30:00 PM	322200.000	764.193	13.444
1/15/2017 3:45:00 PM	323100.000	763.979	13.385
1/15/2017 4:00:00 PM	324000.000	764.164	13.306
1/15/2017 4:15:00 PM	324900.000	764.406	13.183
1/15/2017 4:30:00 PM	325800.000	763.958	13.094
1/15/2017 4:45:00 PM	326700.000	764.279	13.055
1/15/2017 5:00:00 PM	327600.000	764.160	13.002
1/15/2017 5:15:00 PM	328500.000	763.913	12.927
1/15/2017 5:30:00 PM	329400.000	764.532	12.871
1/15/2017 5:45:00 PM	330300.000	764.224	12.769
1/15/2017 6:00:00 PM	331200.000	764.313	12.685
1/15/2017 6:15:00 PM	332100.000	764.008	12.556
1/15/2017 6:30:00 PM	333000.000	764.413	12.453
1/15/2017 6:45:00 PM	333900.000	764.345	12.288
1/15/2017 7:00:00 PM	334800.000	764.845	12.222
1/15/2017 7:15:00 PM	335700.000	764.565	12.099
1/15/2017 7:30:00 PM	336600.000	764.661	11.977
1/15/2017 7:45:00 PM	337500.000	764.727	11.901
1/15/2017 8:00:00 PM	338400.000	765.079	11.829
1/15/2017 8:15:00 PM	339300.000	764.664	11.717
1/15/2017 8:30:00 PM	340200.000	764.864	11.656
1/15/2017 8:45:00 PM	341100.000	764.967	11.564
1/15/2017 9:00:00 PM	342000.000	764.947	11.517
1/15/2017 9:15:00 PM	342900.000	765.108	11.422
1/15/2017 9:30:00 PM	343800.000	764.981	11.373
1/15/2017 9:45:00 PM	344700.000	764.971	11.256
1/15/2017 10:00:00 PM	345600.000	764.847	11.148
1/15/2017 10:15:00 PM	346500.000	764.960	11.003
1/15/2017 10:30:00 PM	347400.000	765.286	10.951
1/15/2017 10:45:00 PM	348300.000	765.381	10.865
1/15/2017 11:00:00 PM	349200.000	765.448	10.795
1/15/2017 11:15:00 PM	350100.000	765.192	10.722
1/15/2017 11:30:00 PM	351000.000	765.938	10.668
1/15/2017 11:45:00 PM	351900.000	765.368	10.556
1/16/2017 12:00:00 AM	352800.000	765.238	10.490
1/16/2017 12:15:00 AM	353700.000	765.242	10.421
1/16/2017 12:30:00 AM	354600.000	765.060	10.403
1/16/2017 12:45:00 AM	355500.000	765.006	10.390

1/16/2017 1:00:00 AM	356400.000	764.963	10.381
1/16/2017 1:15:00 AM	357300.000	764.909	10.355
1/16/2017 1:30:00 AM	358200.000	764.831	10.388
1/16/2017 1:45:00 AM	359100.000	764.737	10.391
1/16/2017 2:00:00 AM	360000.000	764.751	10.384
1/16/2017 2:15:00 AM	360900.000	764.453	10.350
1/16/2017 2:30:00 AM	361800.000	764.072	10.346
1/16/2017 2:45:00 AM	362700.000	764.273	10.328
1/16/2017 3:00:00 AM	363600.000	764.297	10.341
1/16/2017 3:15:00 AM	364500.000	764.537	10.302
1/16/2017 3:30:00 AM	365400.000	764.791	10.208
1/16/2017 3:45:00 AM	366300.000	764.626	10.165
1/16/2017 4:00:00 AM	367200.000	764.772	10.111
1/16/2017 4:15:00 AM	368100.000	764.452	10.142
1/16/2017 4:30:00 AM	369000.000	764.567	10.093
1/16/2017 4:45:00 AM	369900.000	764.583	10.060
1/16/2017 5:00:00 AM	370800.000	764.344	10.002
1/16/2017 5:15:00 AM	371700.000	765.022	9.981
1/16/2017 5:30:00 AM	372600.000	764.974	9.971
1/16/2017 5:45:00 AM	373500.000	765.150	9.909
1/16/2017 6:00:00 AM	374400.000	765.110	9.859
1/16/2017 6:15:00 AM	375300.000	764.989	9.826
1/16/2017 6:30:00 AM	376200.000	765.039	9.762
1/16/2017 6:45:00 AM	377100.000	765.292	9.659
1/16/2017 7:00:00 AM	378000.000	764.792	9.558
1/16/2017 7:15:00 AM	378900.000	765.464	9.468
1/16/2017 7:30:00 AM	379800.000	765.241	9.381
1/16/2017 7:45:00 AM	380700.000	765.363	9.331
1/16/2017 8:00:00 AM	381600.000	764.953	9.266
1/16/2017 8:15:00 AM	382500.000	765.516	9.294
1/16/2017 8:30:00 AM	383400.000	765.807	9.380
1/16/2017 8:45:00 AM	384300.000	765.662	9.465
1/16/2017 9:00:00 AM	385200.000	765.769	9.637
1/16/2017 9:15:00 AM	386100.000	765.825	9.812
1/16/2017 9:30:00 AM	387000.000	765.423	10.084
1/16/2017 9:45:00 AM	387900.000	765.732	10.322
1/16/2017 10:00:00 AM	388800.000	765.998	10.504
1/16/2017 10:15:00 AM	389700.000	765.840	10.730
1/16/2017 10:30:00 AM	390600.000	766.151	10.883
1/16/2017 10:45:00 AM	391500.000	765.974	11.041
1/16/2017 11:00:00 AM	392400.000	765.829	11.204
1/16/2017 11:15:00 AM	393300.000	765.825	11.357
1/16/2017 11:30:00 AM	394200.000	765.950	11.506
1/16/2017 11:45:00 AM	395100.000	765.697	11.633
1/16/2017 12:00:00 PM	396000.000	765.137	11.758
1/16/2017 12:15:00 PM	396900.000	764.956	11.862
1/16/2017 12:30:00 PM	397800.000	764.860	11.982
1/16/2017 12:45:00 PM	398700.000	764.751	12.086
1/16/2017 1:00:00 PM	399600.000	764.680	12.168
1/16/2017 1:15:00 PM	400500.000	764.314	12.254
1/16/2017 1:30:00 PM	401400.000	764.225	12.376
1/16/2017 1:45:00 PM	402300.000	764.212	12.472
1/16/2017 2:00:00 PM	403200.000	763.824	12.531
1/16/2017 2:15:00 PM	404100.000	763.988	12.676

1/16/2017 2:30:00 PM	405000.000	764.073	12.765
1/16/2017 2:45:00 PM	405900.000	764.078	12.865
1/16/2017 3:00:00 PM	406800.000	763.805	12.914
1/16/2017 3:15:00 PM	407700.000	763.874	12.968
1/16/2017 3:30:00 PM	408600.000	763.789	12.974
1/16/2017 3:45:00 PM	409500.000	763.858	12.989
1/16/2017 4:00:00 PM	410400.000	763.765	12.949
1/16/2017 4:15:00 PM	411300.000	763.869	12.922
1/16/2017 4:30:00 PM	412200.000	764.089	12.854
1/16/2017 4:45:00 PM	413100.000	763.821	12.810
1/16/2017 5:00:00 PM	414000.000	763.580	12.759
1/16/2017 5:15:00 PM	414900.000	763.911	12.718
1/16/2017 5:30:00 PM	415800.000	763.841	12.676
1/16/2017 5:45:00 PM	416700.000	764.141	12.611
1/16/2017 6:00:00 PM	417600.000	764.111	12.555
1/16/2017 6:15:00 PM	418500.000	763.828	12.506
1/16/2017 6:30:00 PM	419400.000	763.754	12.425
1/16/2017 6:45:00 PM	420300.000	763.901	12.315
1/16/2017 7:00:00 PM	421200.000	763.790	12.150
1/16/2017 7:15:00 PM	422100.000	763.900	12.078
1/16/2017 7:30:00 PM	423000.000	764.076	11.964
1/16/2017 7:45:00 PM	423900.000	763.843	11.881
1/16/2017 8:00:00 PM	424800.000	763.907	11.759
1/16/2017 8:15:00 PM	425700.000	763.969	11.660
1/16/2017 8:30:00 PM	426600.000	764.277	11.521
1/16/2017 8:45:00 PM	427500.000	764.571	11.460
1/16/2017 9:00:00 PM	428400.000	764.882	11.308
1/16/2017 9:15:00 PM	429300.000	764.643	11.203
1/16/2017 9:30:00 PM	430200.000	764.249	11.132
1/16/2017 9:45:00 PM	431100.000	764.528	11.070
1/16/2017 10:00:00 PM	432000.000	764.591	10.987
1/16/2017 10:15:00 PM	432900.000	764.270	10.878
1/16/2017 10:30:00 PM	433800.000	764.301	10.804
1/16/2017 10:45:00 PM	434700.000	764.566	10.726
1/16/2017 11:00:00 PM	435600.000	764.602	10.656
1/16/2017 11:15:00 PM	436500.000	764.321	10.631
1/16/2017 11:30:00 PM	437400.000	764.014	10.581
1/16/2017 11:45:00 PM	438300.000	764.147	10.586
1/17/2017 12:00:00 AM	439200.000	764.226	10.569
1/17/2017 12:15:00 AM	440100.000	764.065	10.606
1/17/2017 12:30:00 AM	441000.000	764.151	10.594
1/17/2017 12:45:00 AM	441900.000	764.100	10.571
1/17/2017 1:00:00 AM	442800.000	764.333	10.559
1/17/2017 1:15:00 AM	443700.000	764.057	10.541
1/17/2017 1:30:00 AM	444600.000	764.063	10.492
1/17/2017 1:45:00 AM	445500.000	764.454	10.465
1/17/2017 2:00:00 AM	446400.000	764.327	10.403
1/17/2017 2:15:00 AM	447300.000	764.098	10.371
1/17/2017 2:30:00 AM	448200.000	764.082	10.335
1/17/2017 2:45:00 AM	449100.000	763.910	10.338
1/17/2017 3:00:00 AM	450000.000	764.178	10.290
1/17/2017 3:15:00 AM	450900.000	764.214	10.258
1/17/2017 3:30:00 AM	451800.000	763.668	10.214
1/17/2017 3:45:00 AM	452700.000	764.152	10.150

1/17/2017 4:00:00 AM	453600.000	764.086	10.113
1/17/2017 4:15:00 AM	454500.000	764.236	10.090
1/17/2017 4:30:00 AM	455400.000	764.006	10.032
1/17/2017 4:45:00 AM	456300.000	764.033	9.940
1/17/2017 5:00:00 AM	457200.000	764.574	9.864
1/17/2017 5:15:00 AM	458100.000	763.817	9.823
1/17/2017 5:30:00 AM	459000.000	764.102	9.806
1/17/2017 5:45:00 AM	459900.000	763.984	9.732
1/17/2017 6:00:00 AM	460800.000	763.912	9.712
1/17/2017 6:15:00 AM	461700.000	763.965	9.700
1/17/2017 6:30:00 AM	462600.000	763.978	9.689
1/17/2017 6:45:00 AM	463500.000	764.108	9.612
1/17/2017 7:00:00 AM	464400.000	763.960	9.584
1/17/2017 7:15:00 AM	465300.000	764.415	9.596
1/17/2017 7:30:00 AM	466200.000	764.064	9.532
1/17/2017 7:45:00 AM	467100.000	764.339	9.517
1/17/2017 8:00:00 AM	468000.000	763.787	9.546
1/17/2017 8:15:00 AM	468900.000	763.684	9.574
1/17/2017 8:30:00 AM	469800.000	762.764	9.659
1/17/2017 8:45:00 AM	470700.000	763.084	9.762
1/17/2017 9:00:00 AM	471600.000	763.828	9.905
1/17/2017 9:15:00 AM	472500.000	764.037	10.052
1/17/2017 9:30:00 AM	473400.000	765.116	10.188
1/17/2017 9:45:00 AM	474300.000	765.469	10.299
1/17/2017 10:00:00 AM	475200.000	765.410	10.395
1/17/2017 10:15:00 AM	476100.000	765.968	10.483
1/17/2017 10:30:00 AM	477000.000	765.696	10.540
1/17/2017 10:45:00 AM	477900.000	765.224	10.644
1/17/2017 11:00:00 AM	478800.000	765.243	10.791
1/17/2017 11:15:00 AM	479700.000	764.885	10.879
1/17/2017 11:30:00 AM	480600.000	764.988	11.010
1/17/2017 11:45:00 AM	481500.000	764.943	11.104
1/17/2017 12:00:00 PM	482400.000	764.719	11.225
1/17/2017 12:15:00 PM	483300.000	764.746	11.406
1/17/2017 12:30:00 PM	484200.000	764.219	11.538
1/17/2017 12:45:00 PM	485100.000	764.236	11.712
1/17/2017 1:00:00 PM	486000.000	764.249	11.866
1/17/2017 1:15:00 PM	486900.000	763.782	11.992
1/17/2017 1:30:00 PM	487800.000	763.748	12.106
1/17/2017 1:45:00 PM	488700.000	763.702	12.251
1/17/2017 2:00:00 PM	489600.000	764.019	12.409
1/17/2017 2:15:00 PM	490500.000	764.024	12.517
1/17/2017 2:30:00 PM	491400.000	763.839	12.665
1/17/2017 2:45:00 PM	492300.000	764.041	12.783
1/17/2017 3:00:00 PM	493200.000	763.953	12.898
1/17/2017 3:15:00 PM	494100.000	764.272	12.965
1/17/2017 3:30:00 PM	495000.000	763.951	12.965
1/17/2017 3:45:00 PM	495900.000	763.884	12.994
1/17/2017 4:00:00 PM	496800.000	764.076	12.929
1/17/2017 4:15:00 PM	497700.000	764.675	12.890
1/17/2017 4:30:00 PM	498600.000	764.867	12.851
1/17/2017 4:45:00 PM	499500.000	764.372	12.818
1/17/2017 5:00:00 PM	500400.000	764.800	12.760
1/17/2017 5:15:00 PM	501300.000	765.056	12.694

1/17/2017 5:30:00 PM	502200.000	765.056	12.636
1/17/2017 5:45:00 PM	503100.000	764.901	12.591
1/17/2017 6:00:00 PM	504000.000	764.871	12.558
1/17/2017 6:15:00 PM	504900.000	765.378	12.504
1/17/2017 6:30:00 PM	505800.000	765.194	12.435
1/17/2017 6:45:00 PM	506700.000	765.197	12.382
1/17/2017 7:00:00 PM	507600.000	765.213	12.340
1/17/2017 7:15:00 PM	508500.000	765.061	12.259
1/17/2017 7:30:00 PM	509400.000	765.252	12.146
1/17/2017 7:45:00 PM	510300.000	765.417	12.057
1/17/2017 8:00:00 PM	511200.000	765.509	11.960
1/17/2017 8:15:00 PM	512100.000	765.624	11.949
1/17/2017 8:30:00 PM	513000.000	765.623	11.893
1/17/2017 8:45:00 PM	513900.000	765.670	11.858
1/17/2017 9:00:00 PM	514800.000	765.500	11.865
1/17/2017 9:15:00 PM	515700.000	765.142	11.826
1/17/2017 9:30:00 PM	516600.000	765.053	11.845
1/17/2017 9:45:00 PM	517500.000	764.848	11.858
1/17/2017 10:00:00 PM	518400.000	764.874	11.810
1/17/2017 10:15:00 PM	519300.000	764.750	11.803
1/17/2017 10:30:00 PM	520200.000	765.141	11.742
1/17/2017 10:45:00 PM	521100.000	765.065	11.721
1/17/2017 11:00:00 PM	522000.000	764.687	11.725
1/17/2017 11:15:00 PM	522900.000	765.209	11.700
1/17/2017 11:30:00 PM	523800.000	764.986	11.696
1/17/2017 11:45:00 PM	524700.000	764.844	11.651
1/18/2017 12:00:00 AM	525600.000	764.197	11.612
1/18/2017 12:15:00 AM	526500.000	764.502	11.619
1/18/2017 12:30:00 AM	527400.000	764.074	11.590
1/18/2017 12:45:00 AM	528300.000	764.271	11.560
1/18/2017 1:00:00 AM	529200.000	764.083	11.560
1/18/2017 1:15:00 AM	530100.000	764.071	11.534
1/18/2017 1:30:00 AM	531000.000	764.579	11.495
1/18/2017 1:45:00 AM	531900.000	764.950	11.469
1/18/2017 2:00:00 AM	532800.000	764.538	11.420
1/18/2017 2:15:00 AM	533700.000	764.773	11.397
1/18/2017 2:30:00 AM	534600.000	764.902	11.347
1/18/2017 2:45:00 AM	535500.000	764.835	11.344
1/18/2017 3:00:00 AM	536400.000	764.464	11.303
1/18/2017 3:15:00 AM	537300.000	764.518	11.300
1/18/2017 3:30:00 AM	538200.000	764.619	11.256
1/18/2017 3:45:00 AM	539100.000	764.510	11.253
1/18/2017 4:00:00 AM	540000.000	764.194	11.263
1/18/2017 4:15:00 AM	540900.000	764.622	11.307
1/18/2017 4:30:00 AM	541800.000	764.568	11.282
1/18/2017 4:45:00 AM	542700.000	764.672	11.288
1/18/2017 5:00:00 AM	543600.000	764.608	11.278
1/18/2017 5:15:00 AM	544500.000	764.305	11.250
1/18/2017 5:30:00 AM	545400.000	764.220	11.298
1/18/2017 5:45:00 AM	546300.000	763.719	11.317
1/18/2017 6:00:00 AM	547200.000	764.320	11.310
1/18/2017 6:15:00 AM	548100.000	764.590	11.273
1/18/2017 6:30:00 AM	549000.000	764.795	11.298
1/18/2017 6:45:00 AM	549900.000	764.774	11.316

1/18/2017 7:00:00 AM	550800.000	763.851	11.287
1/18/2017 7:15:00 AM	551700.000	763.992	11.300
1/18/2017 7:30:00 AM	552600.000	764.118	11.283
1/18/2017 7:45:00 AM	553500.000	763.503	11.271
1/18/2017 8:00:00 AM	554400.000	763.209	11.249
1/18/2017 8:15:00 AM	555300.000	763.251	11.218
1/18/2017 8:30:00 AM	556200.000	763.049	11.225
1/18/2017 8:45:00 AM	557100.000	762.611	11.235
1/18/2017 9:00:00 AM	558000.000	762.323	11.234
1/18/2017 9:15:00 AM	558900.000	762.545	11.240
1/18/2017 9:30:00 AM	559800.000	762.200	11.248
1/18/2017 9:45:00 AM	560700.000	762.391	11.272
1/18/2017 10:00:00 AM	561600.000	762.370	11.287
1/18/2017 10:15:00 AM	562500.000	763.943	11.347
1/18/2017 10:30:00 AM	563400.000	764.181	11.338
1/18/2017 10:45:00 AM	564300.000	764.515	11.364
1/18/2017 11:00:00 AM	565200.000	764.163	11.372
1/18/2017 11:15:00 AM	566100.000	763.926	11.428
1/18/2017 11:30:00 AM	567000.000	763.984	11.447
1/18/2017 11:45:00 AM	567900.000	763.865	11.496
1/18/2017 12:00:00 PM	568800.000	763.297	11.516
1/18/2017 12:15:00 PM	569700.000	763.381	11.532
1/18/2017 12:30:00 PM	570600.000	762.563	11.524
1/18/2017 12:45:00 PM	571500.000	762.430	11.544
1/18/2017 1:00:00 PM	572400.000	762.258	11.558
1/18/2017 1:15:00 PM	573300.000	761.780	11.610
1/18/2017 1:30:00 PM	574200.000	761.513	11.612
1/18/2017 1:45:00 PM	575100.000	761.376	11.621
1/18/2017 2:00:00 PM	576000.000	760.927	11.648
1/18/2017 2:15:00 PM	576900.000	760.538	11.653
1/18/2017 2:30:00 PM	577800.000	760.211	11.643
1/18/2017 2:45:00 PM	578700.000	759.687	11.659
1/18/2017 3:00:00 PM	579600.000	758.986	11.645
1/18/2017 3:15:00 PM	580500.000	758.789	11.660
1/18/2017 3:30:00 PM	581400.000	758.494	11.681
1/18/2017 3:45:00 PM	582300.000	758.766	11.706
1/18/2017 4:00:00 PM	583200.000	758.767	11.719
1/18/2017 4:15:00 PM	584100.000	758.119	11.722
1/18/2017 4:30:00 PM	585000.000	757.838	11.731
1/18/2017 4:45:00 PM	585900.000	757.979	11.768
1/18/2017 5:00:00 PM	586800.000	757.479	11.830
1/18/2017 5:15:00 PM	587700.000	756.989	11.805
1/18/2017 5:30:00 PM	588600.000	756.834	11.833
1/18/2017 5:45:00 PM	589500.000	756.679	11.821
1/18/2017 6:00:00 PM	590400.000	756.575	11.877
1/18/2017 6:15:00 PM	591300.000	756.200	11.893
1/18/2017 6:30:00 PM	592200.000	756.535	11.933
1/18/2017 6:45:00 PM	593100.000	756.413	11.944
1/18/2017 7:00:00 PM	594000.000	756.643	11.983
1/18/2017 7:15:00 PM	594900.000	756.535	12.016
1/18/2017 7:30:00 PM	595800.000	756.831	12.006
1/18/2017 7:45:00 PM	596700.000	756.939	12.032
1/18/2017 8:00:00 PM	597600.000	757.057	12.035
1/18/2017 8:15:00 PM	598500.000	757.093	12.054

1/18/2017 8:30:00 PM	599400.000	757.165	12.030
1/18/2017 8:45:00 PM	600300.000	757.357	12.044
1/18/2017 9:00:00 PM	601200.000	757.772	12.029
1/18/2017 9:15:00 PM	602100.000	757.424	12.038
1/18/2017 9:30:00 PM	603000.000	757.451	12.033
1/18/2017 9:45:00 PM	603900.000	757.573	12.011
1/18/2017 10:00:00 PM	604800.000	758.027	12.008
1/18/2017 10:15:00 PM	605700.000	757.991	11.996
1/18/2017 10:30:00 PM	606600.000	758.153	11.999
1/18/2017 10:45:00 PM	607500.000	757.897	12.013
1/18/2017 11:00:00 PM	608400.000	757.919	11.989
1/18/2017 11:15:00 PM	609300.000	758.419	11.993
1/18/2017 11:30:00 PM	610200.000	758.009	11.973
1/18/2017 11:45:00 PM	611100.000	758.670	11.891

Serial_number:

2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date

	Time	ms	LEVEL	TEMPERATURE
1/12/2017	0:00:00	0	14.6265	8.17
1/12/2017	0:15:00	0	14.621	8.225
1/12/2017	0:30:00	0	14.6179	8.222
1/12/2017	0:45:00	0	14.6148	8.253
1/12/2017	1:00:00	0	14.6137	8.296
1/12/2017	1:15:00	0	14.6096	8.352
1/12/2017	1:30:00	0	14.6081	8.39
1/12/2017	1:45:00	0	14.6083	8.426
1/12/2017	2:00:00	0	14.6112	8.484
1/12/2017	2:15:00	0	14.6119	8.502
1/12/2017	2:30:00	0	14.614	8.514
1/12/2017	2:45:00	0	14.6133	8.536
1/12/2017	3:00:00	0	14.6128	8.552
1/12/2017	3:15:00	0	14.6109	8.576
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1/12/2017	4:15:00	0	14.6061	8.264
1/12/2017	4:30:00	0	14.6037	8.175
1/12/2017	4:45:00	0	14.6	7.964
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1/15/2017	9:15:00	0	14.7529	7.375
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1/15/2017	9:45:00	0	14.7596	9.581
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1/15/2017	10:30:00	0	14.7637	12.314
1/15/2017	10:45:00	0	14.762	13.018
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1/15/2017	11:15:00	0	14.7546	14.794
1/15/2017	11:30:00	0	14.752	15.763
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1/15/2017	14:00:00	0	14.7275	20.928
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1/18/2017	20:15:00	0	14.5958	9.534
1/18/2017	20:30:00	0	14.5975	9.39
1/18/2017	20:45:00	0	14.5999	9.24
1/18/2017	21:00:00	0	14.603	9.121
1/18/2017	21:15:00	0	14.603	9.037
1/18/2017	21:30:00	0	14.6012	9.045
1/18/2017	21:45:00	0	14.6025	9.106
1/18/2017	22:00:00	0	14.6101	9.198
1/18/2017	22:15:00	0	14.6104	9.244
1/18/2017	22:30:00	0	14.613	9.197
1/18/2017	22:45:00	0	14.6103	9.185
1/18/2017	23:00:00	0	14.6115	9.093
1/18/2017	23:15:00	0	14.6158	8.881
1/18/2017	23:30:00	0	14.6194	8.679
1/18/2017	23:45:00	0	14.6199	8.513

The background of the entire page is a dark blue grid pattern, resembling graph paper. The grid lines are thin and light blue, creating a subtle texture. A few thicker, darker blue lines intersect the grid at various angles, adding a sense of depth and complexity to the design.

GEOSCIENCE

GEOSCIENCE Support Services, Inc. | P (909) 451-6650 | F (909) 451-6638
620 W. Arrow Highway, Suite 2000, La Verne, CA 91750 | Mailing: P.O. Box 220, Claremont, CA 91711