

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 82 16-November-16 - 23-November-16

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

November 29, 2016

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

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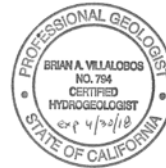
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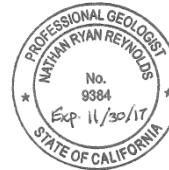
THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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Description

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

www.watersupplyproject.org

MONTEREY PENINSULA WATER SUPPLY PROJECT

TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 82 16-NOVEMBER-16 - 23-NOVEMBER-16

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 16-November-16 through 23-November-16 and is presented with data collected since the start of the long term pumping test. Each subsequent weekly report will provide an additional seven days of data.

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.

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. 82 (this report), is the eighty-second 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).

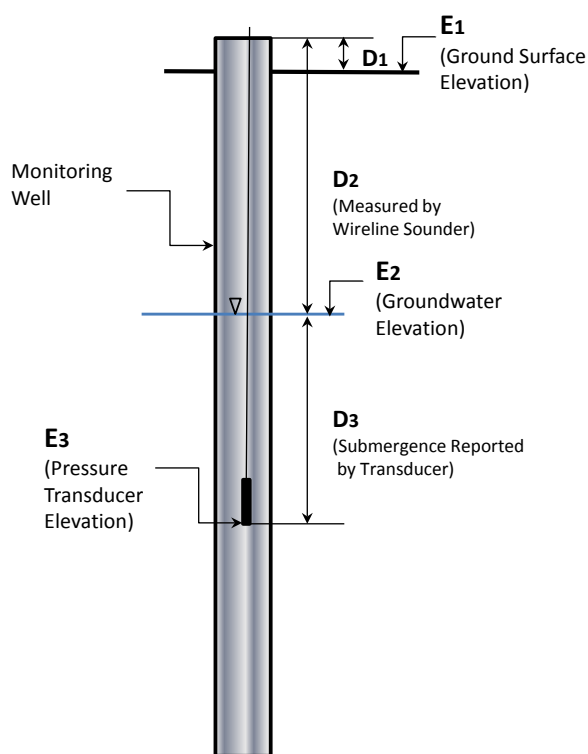
2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

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:

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

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:

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

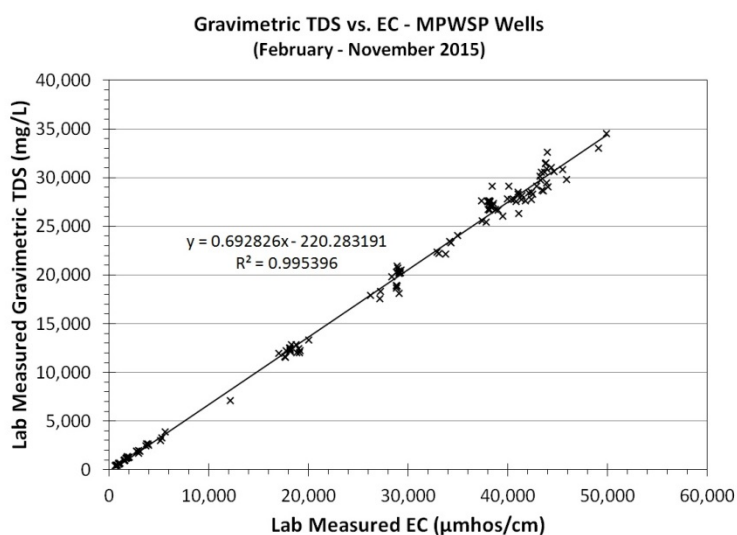


¹ Note: The last of the baseline monitoring reports (Monitoring Report No. 7) covered a five day period (17-22 Apr-15 as the long-term pumping began on 22-Apr-15).

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 MEASUREMENTS (EC)

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

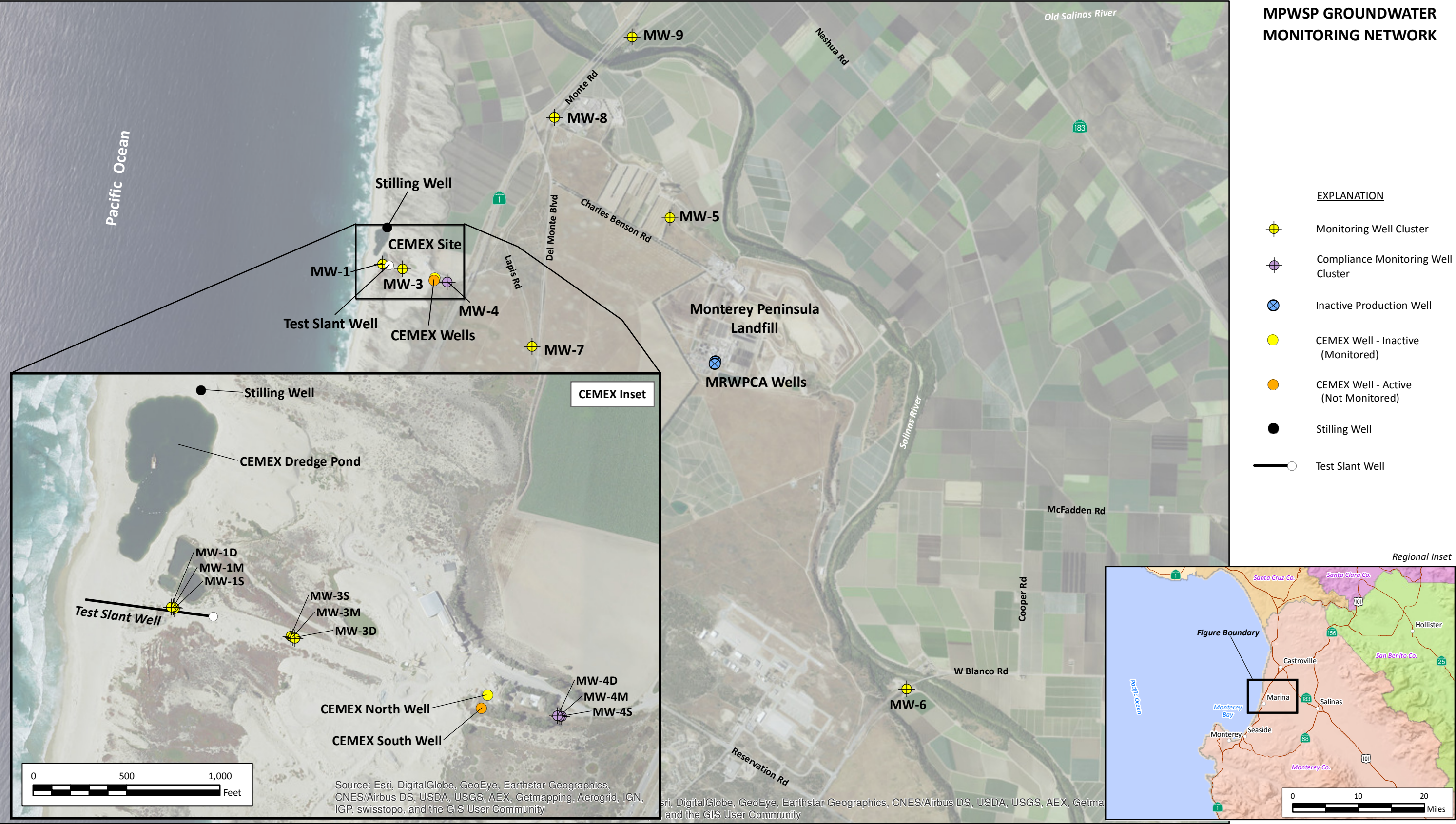
The baseline water level and water quality data indicated that the water quality in the aquifers at MW-3 and MW-4 series show vertical stratification. Therefore, direct correlation between laboratory samples collected by pumping the monitoring wells and conductivity data cannot be made since the pumped 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

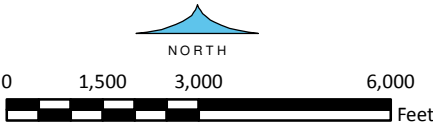
MPWSP GROUNDWATER MONITORING NETWORK



29-Nov-16

Prepared by: DB. Map Projection: State Plane 1983, Zone IV.

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Figure 1-1

Groundwater Elevation in MPWSP MW-1

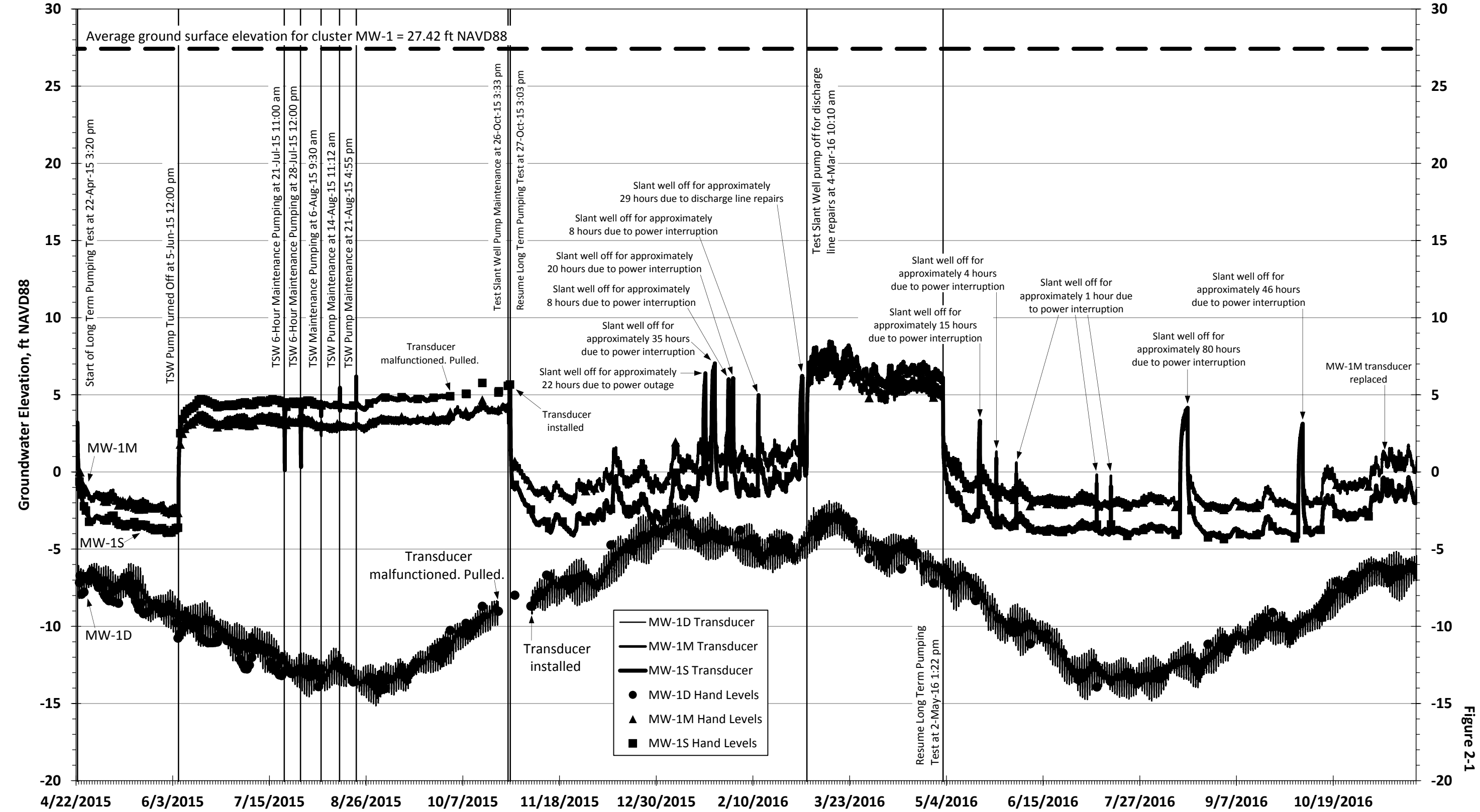
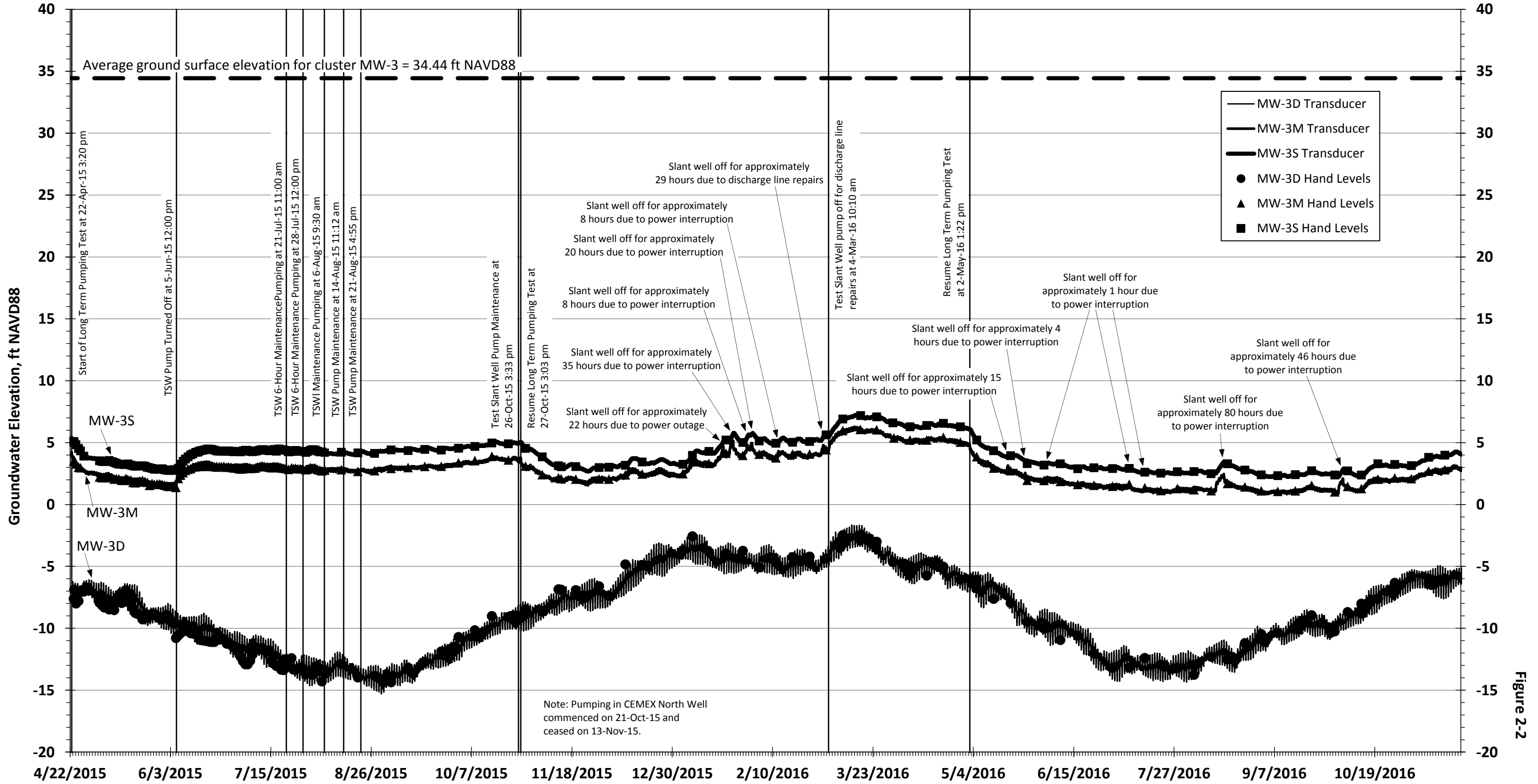
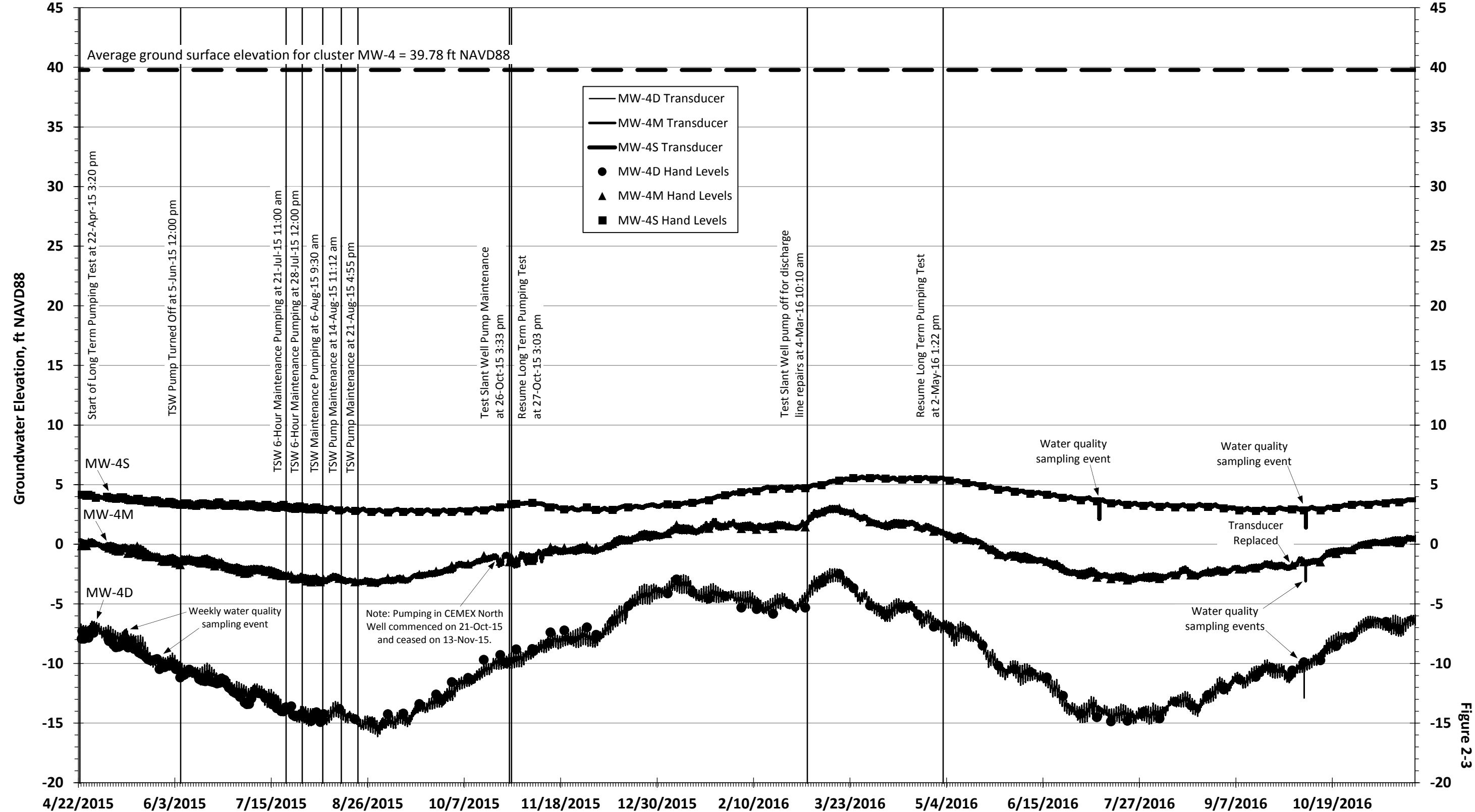


Figure 2-1

Groundwater Elevation in MPWSP MW-3



Groundwater Elevation in MPWSP MW-4



Groundwater Elevation in MPWSP MW-5

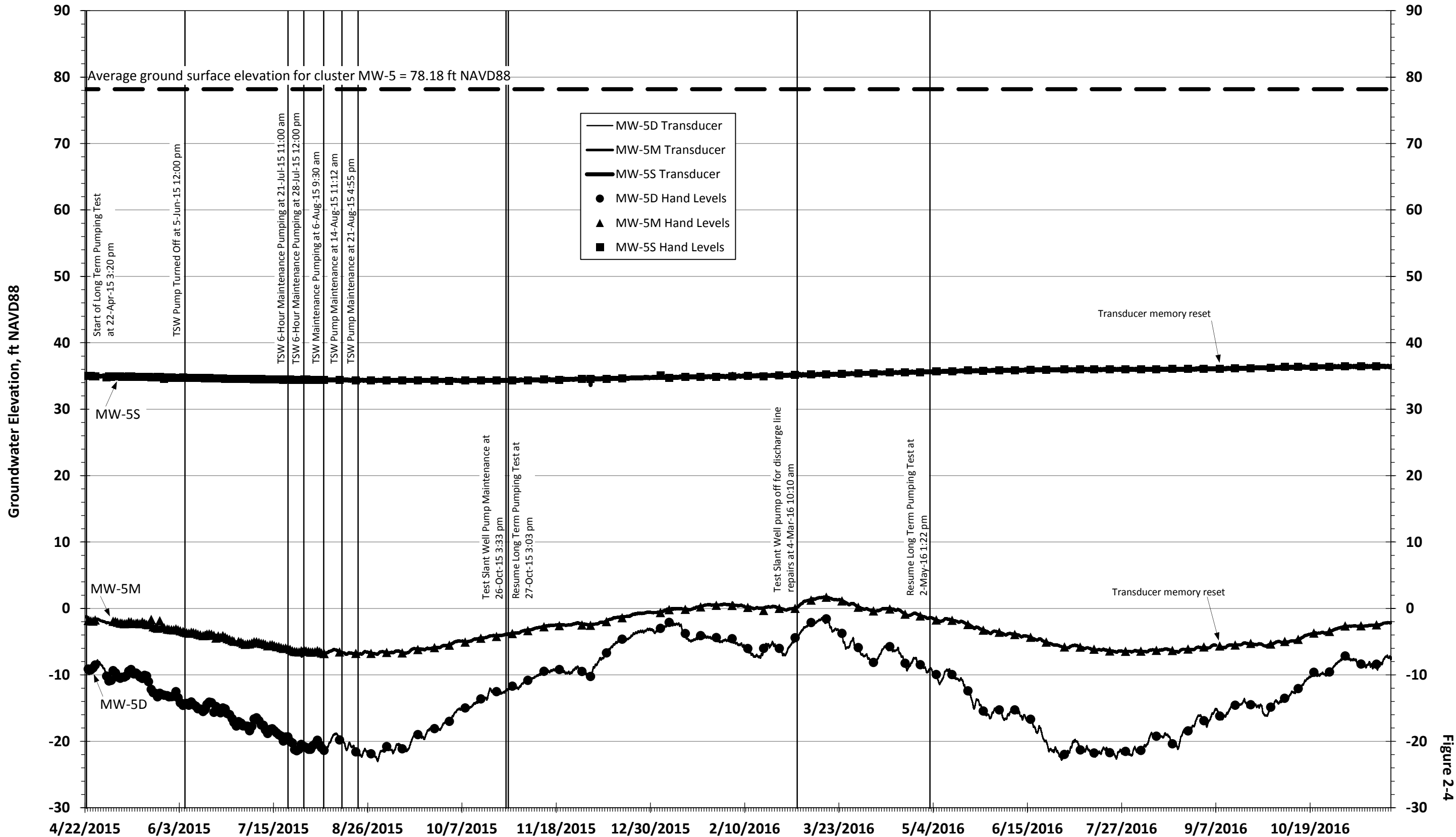
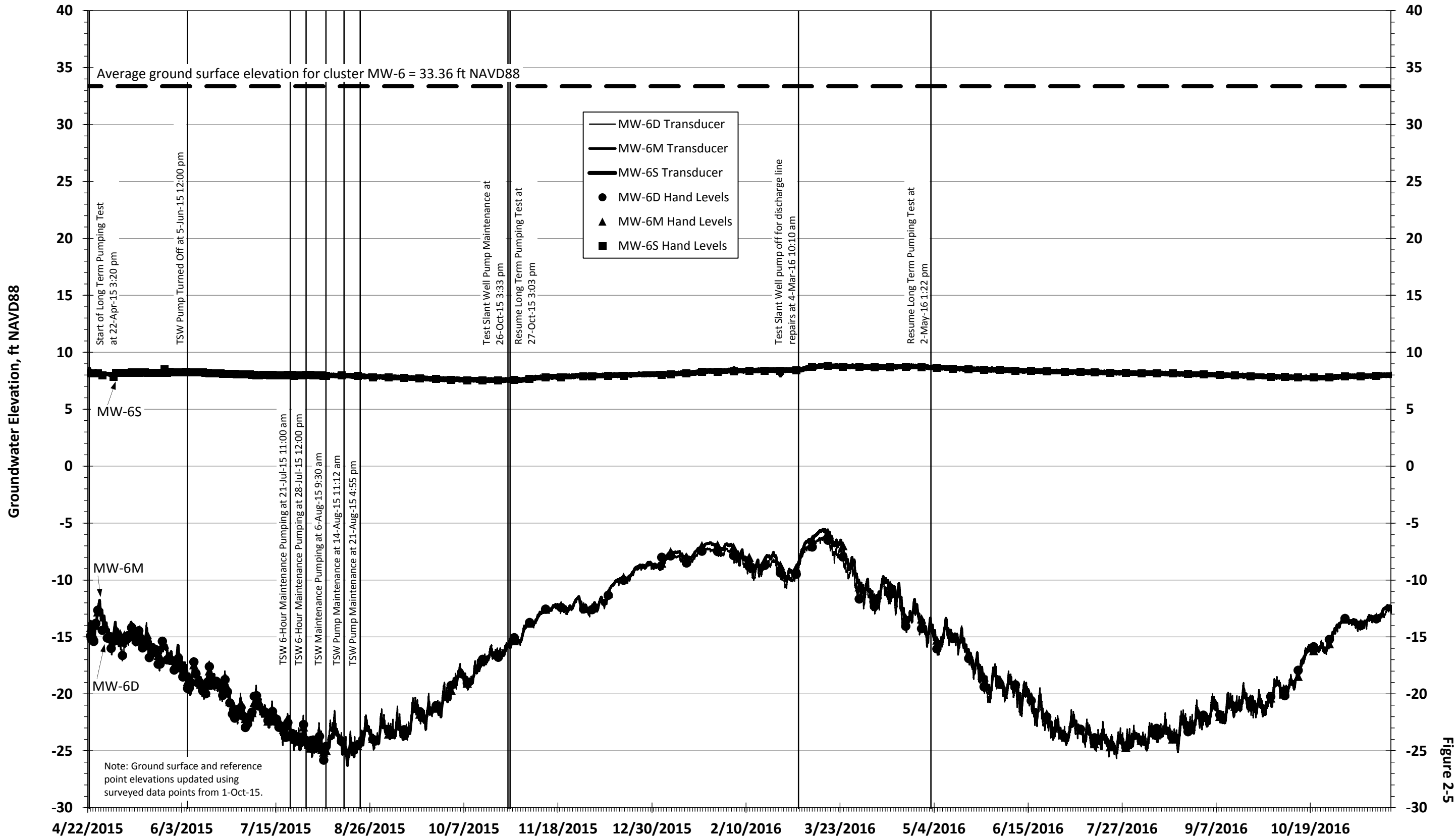
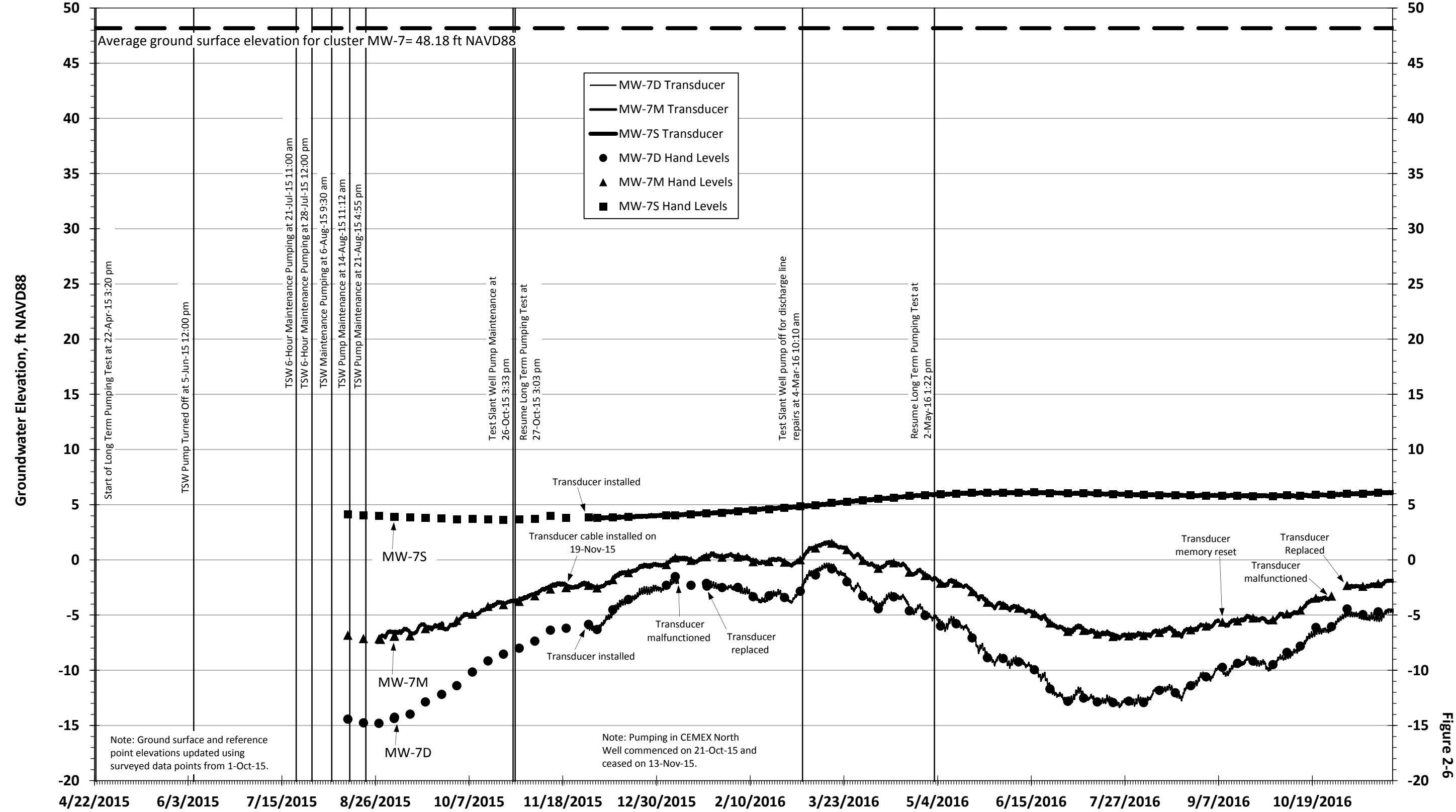


Figure 2-4

Groundwater Elevation in MPWSP MW-6



Groundwater Elevation in MPWSP MW-7



Groundwater Elevation in MPWSP MW-8

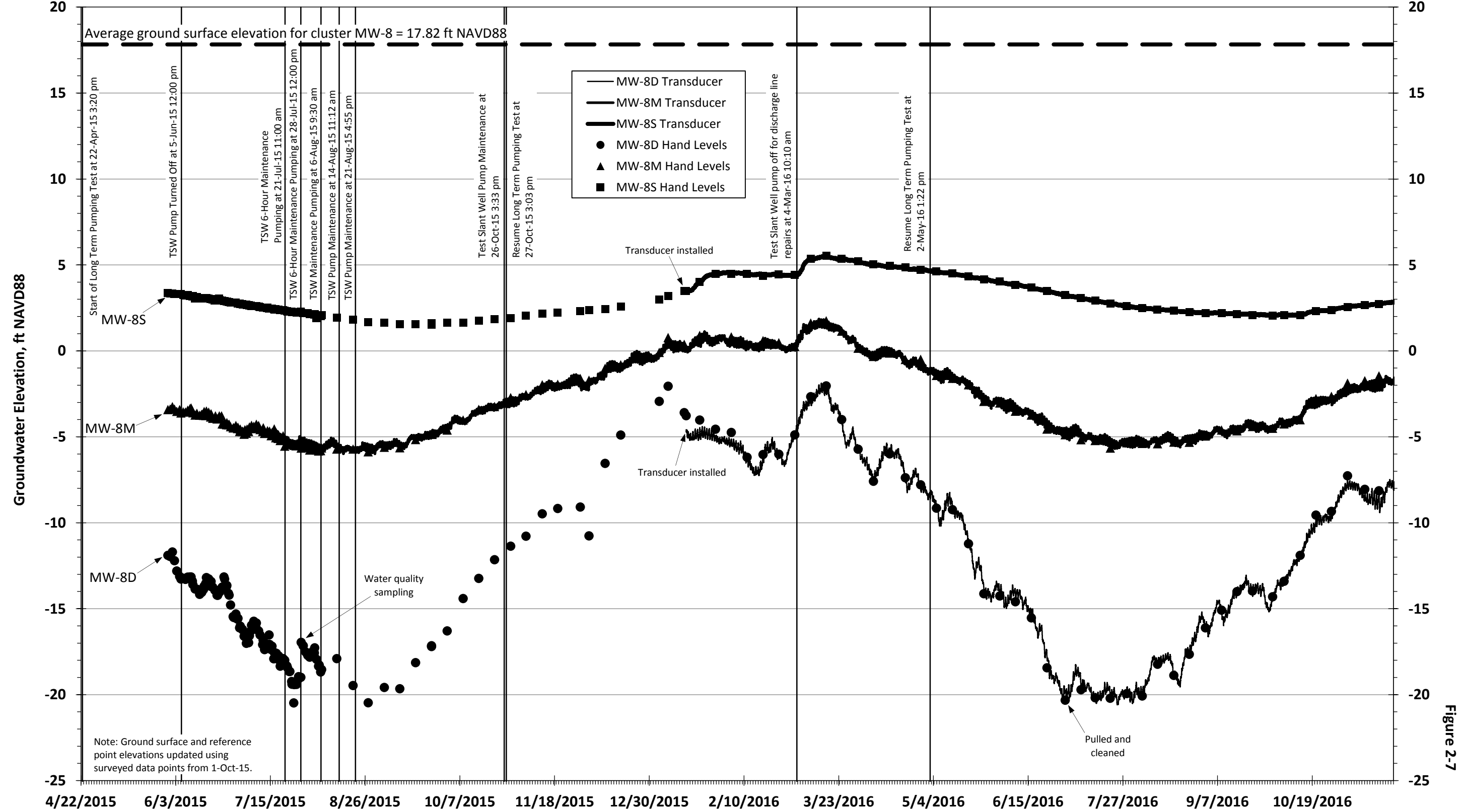
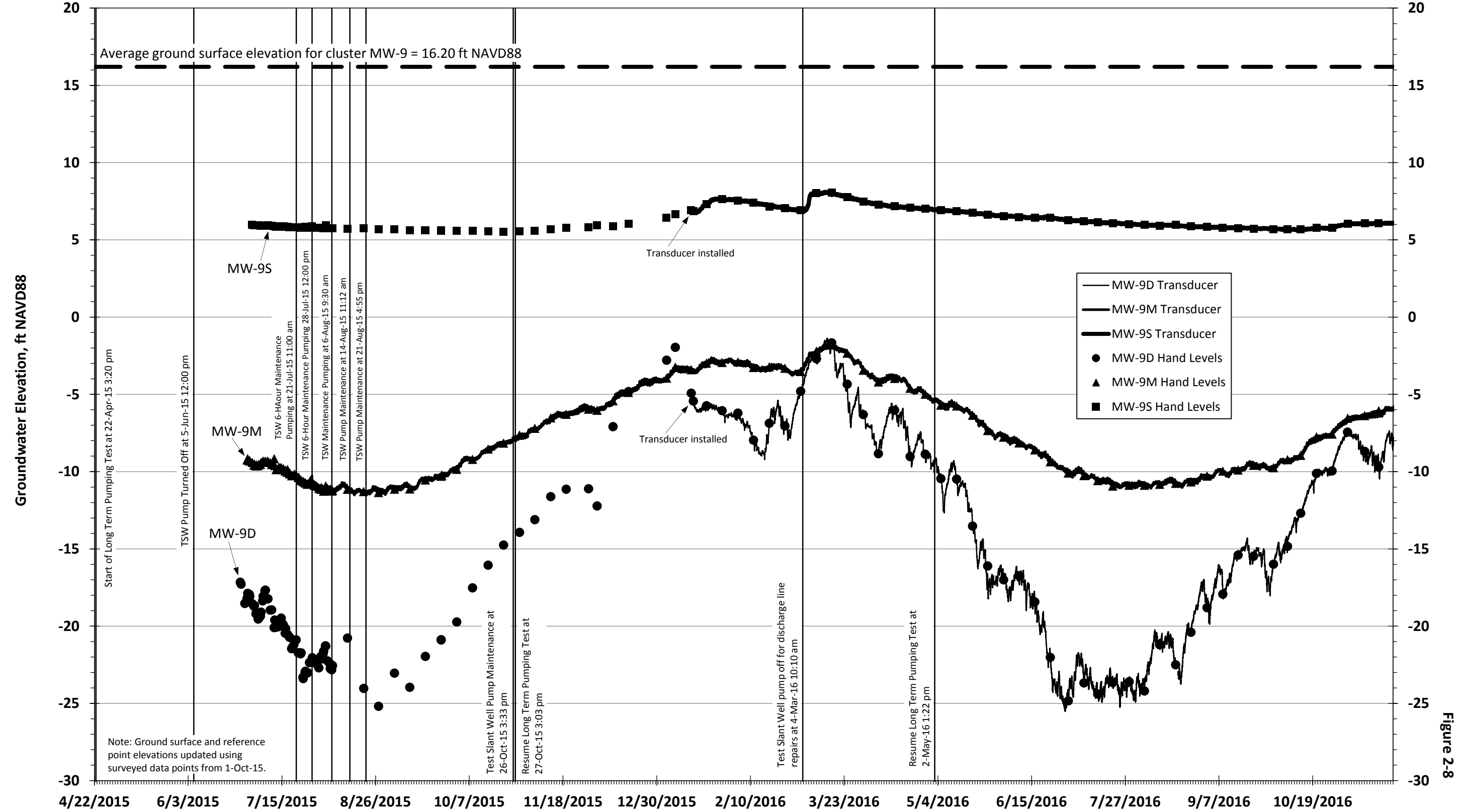


Figure 2-7

Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

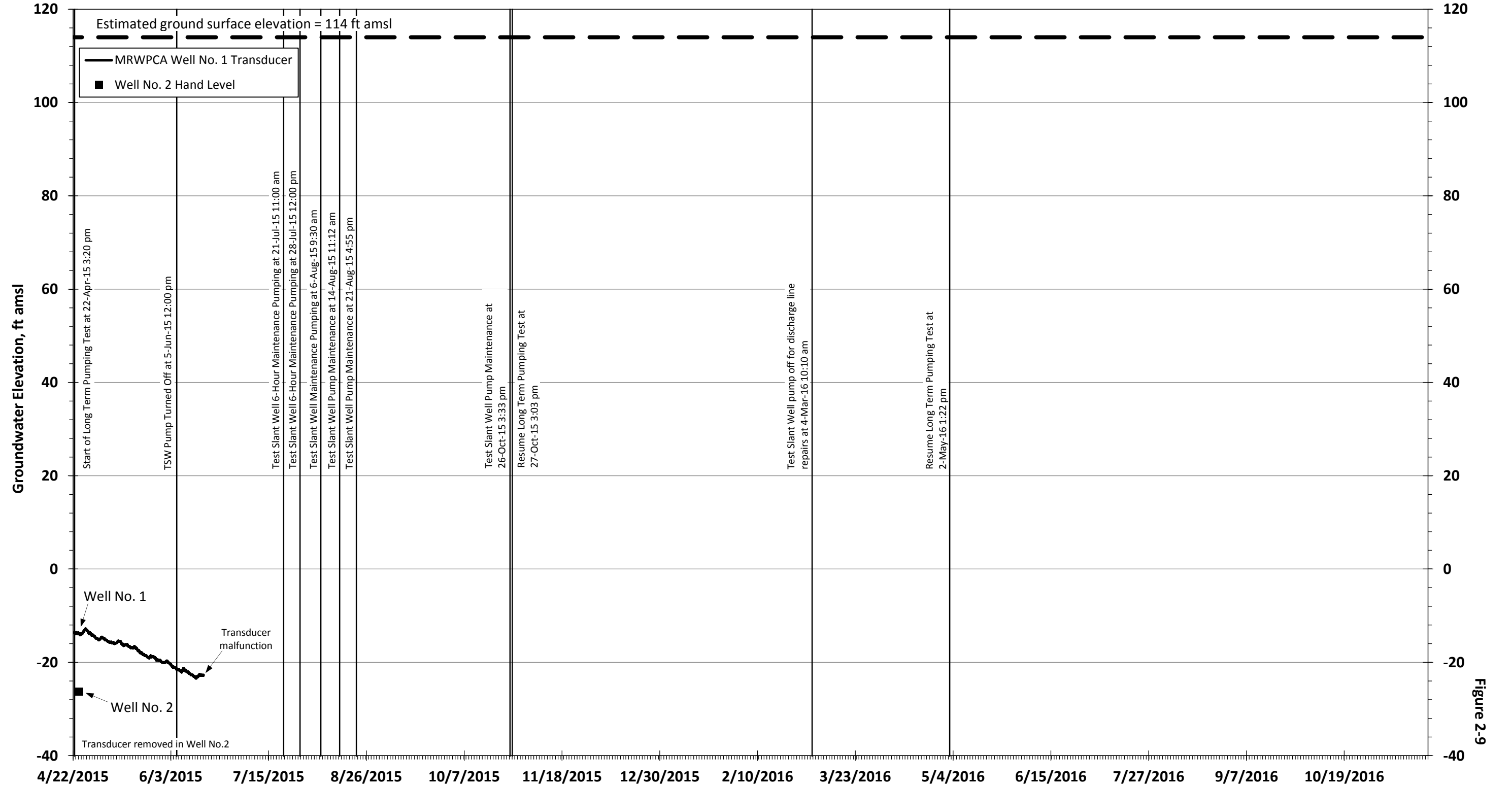


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

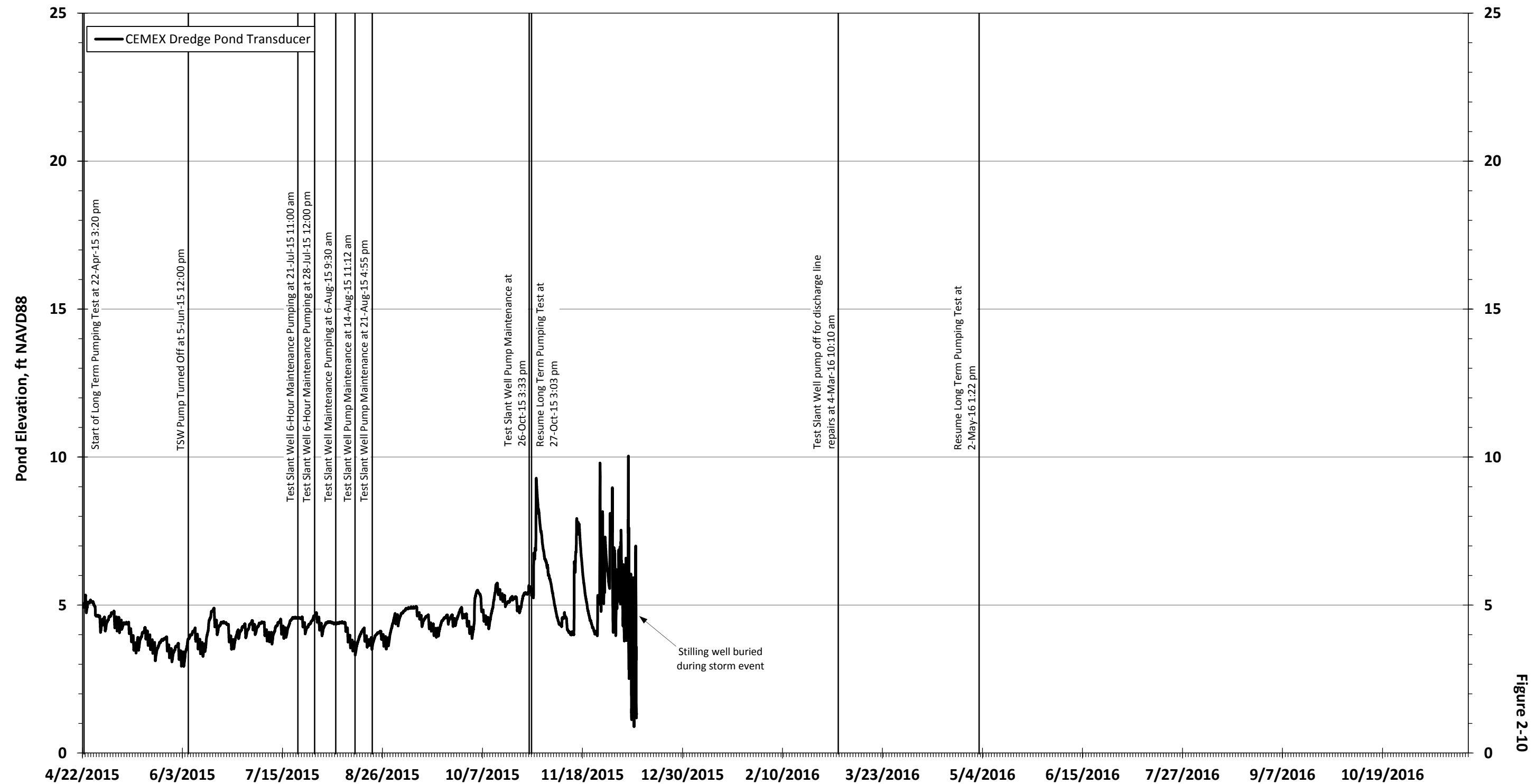
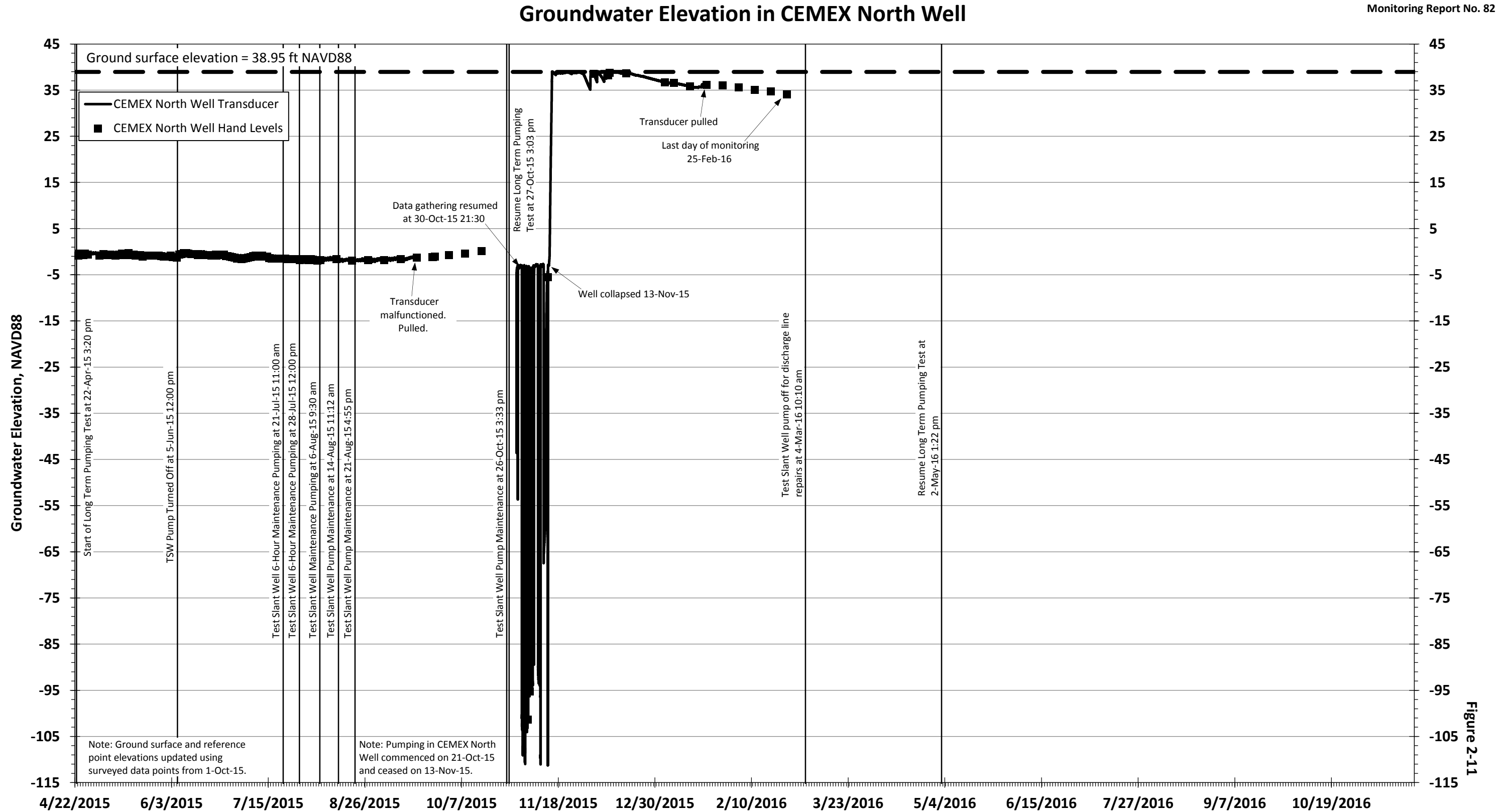


Figure 2-10



Groundwater Elevation in MPWSP Test Slant Well

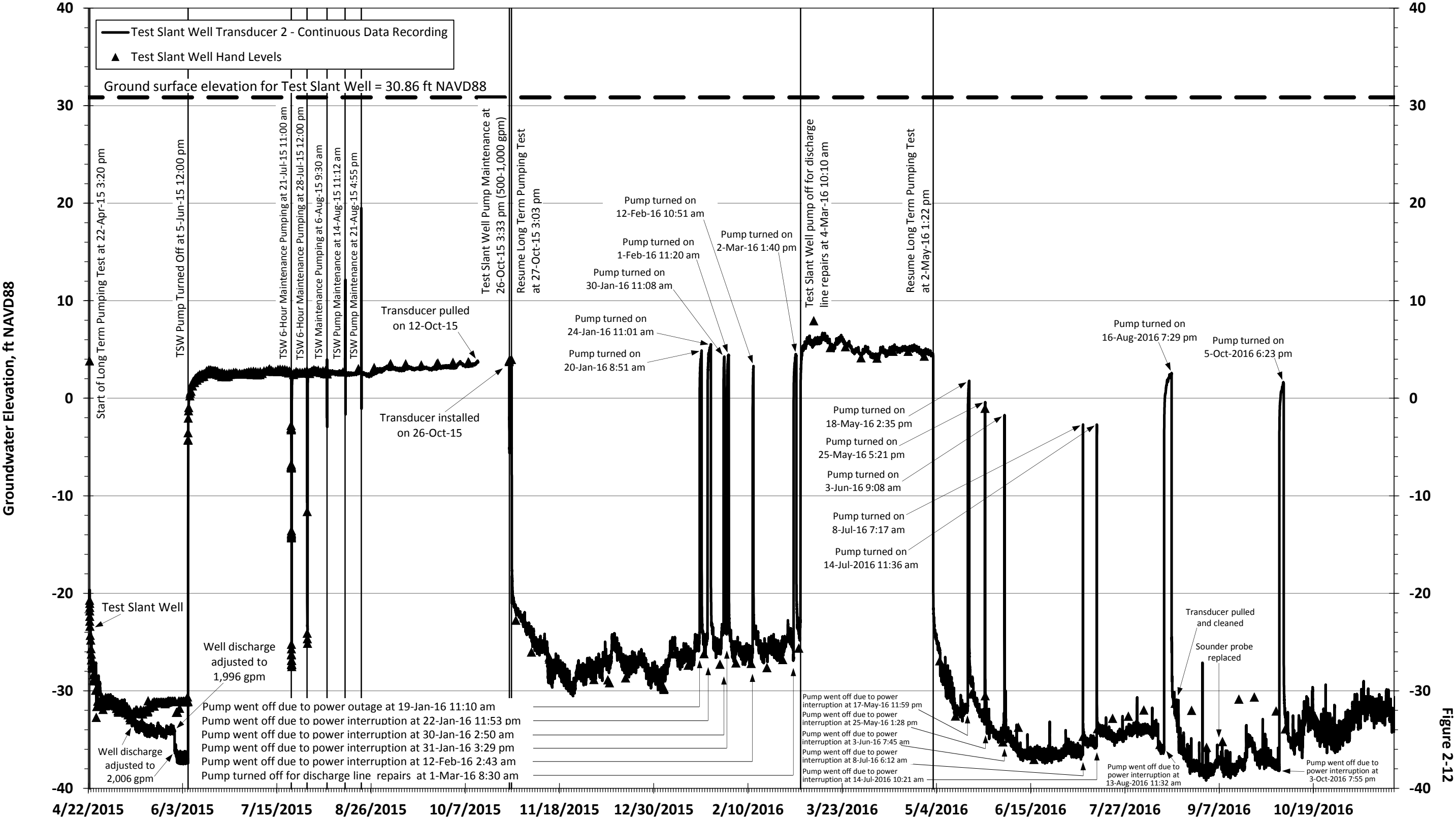


Figure 2-12

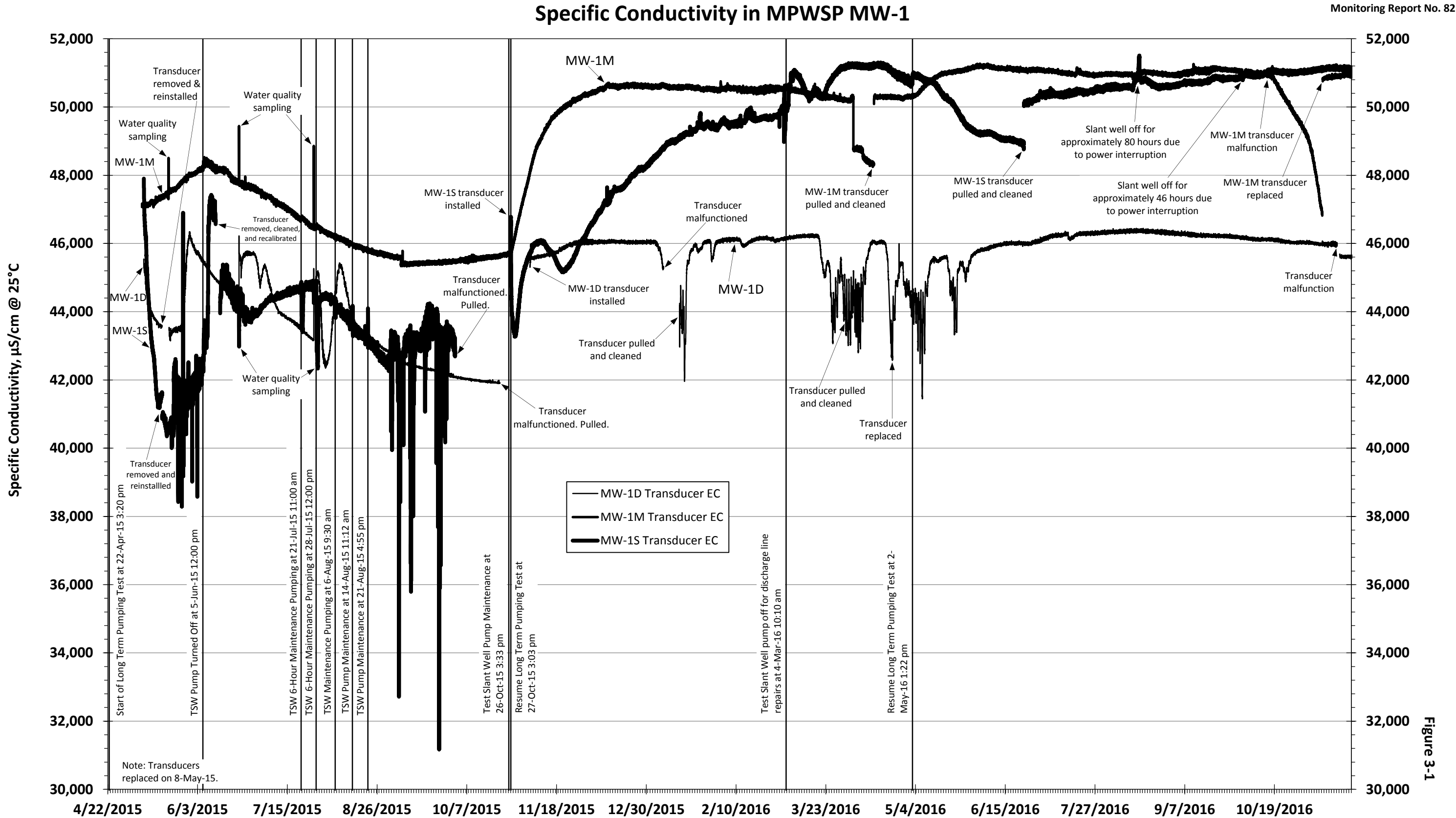


Figure 3-1

Specific Conductivity in MPWSP MW-3

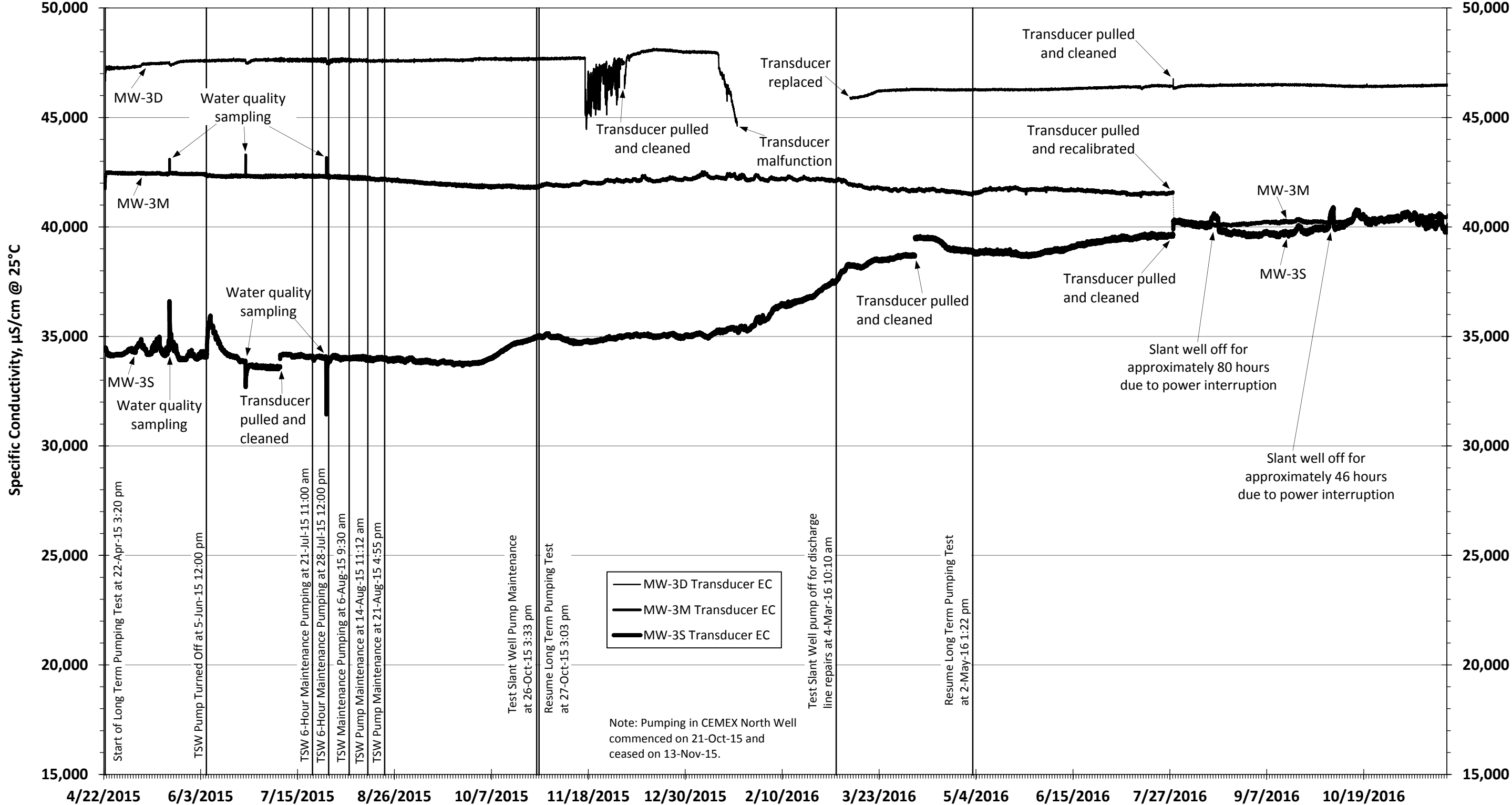
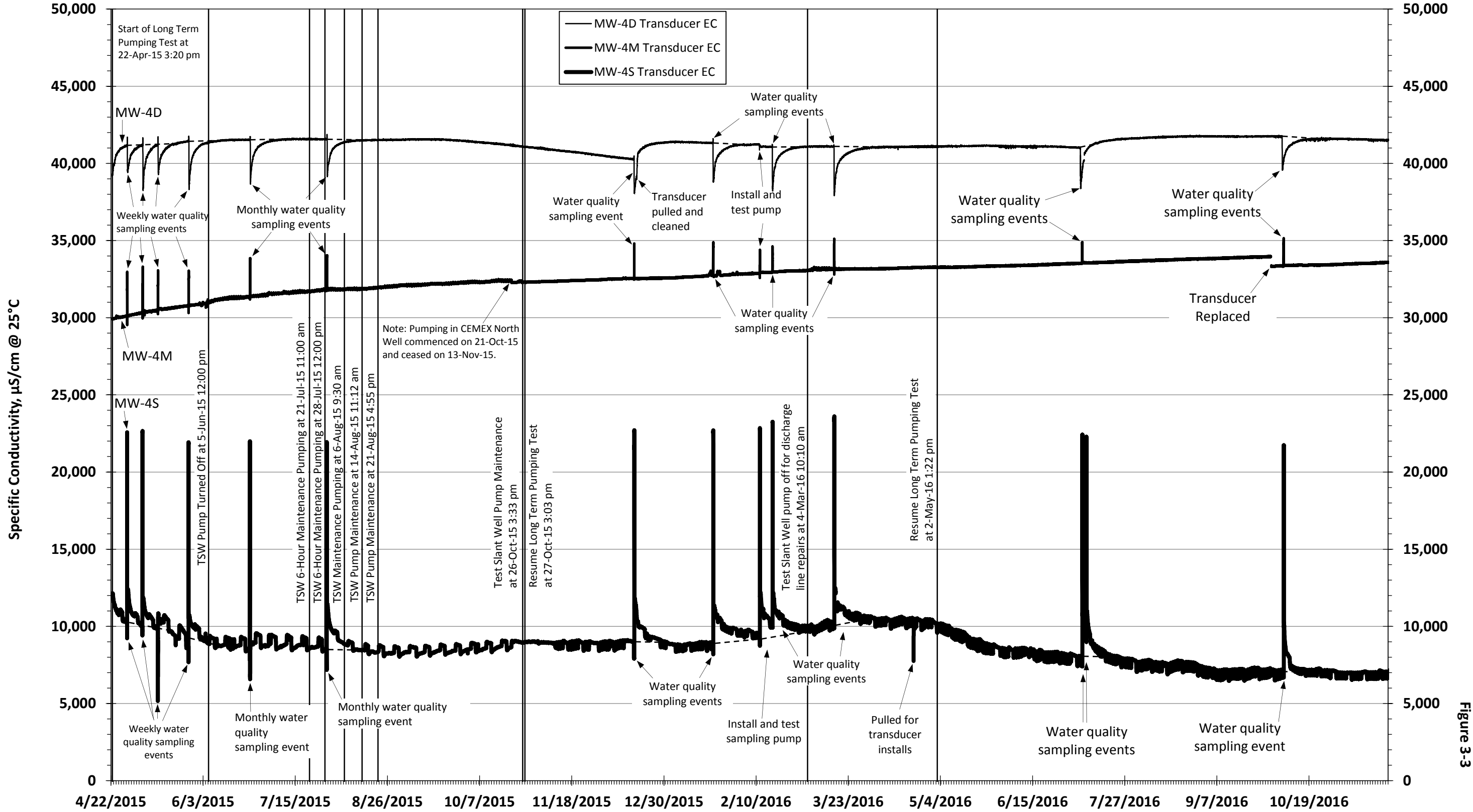


Figure 3-2

Specific Conductivity in MPWSP MW-4



Specific Conductivity in MPWSP MW-5

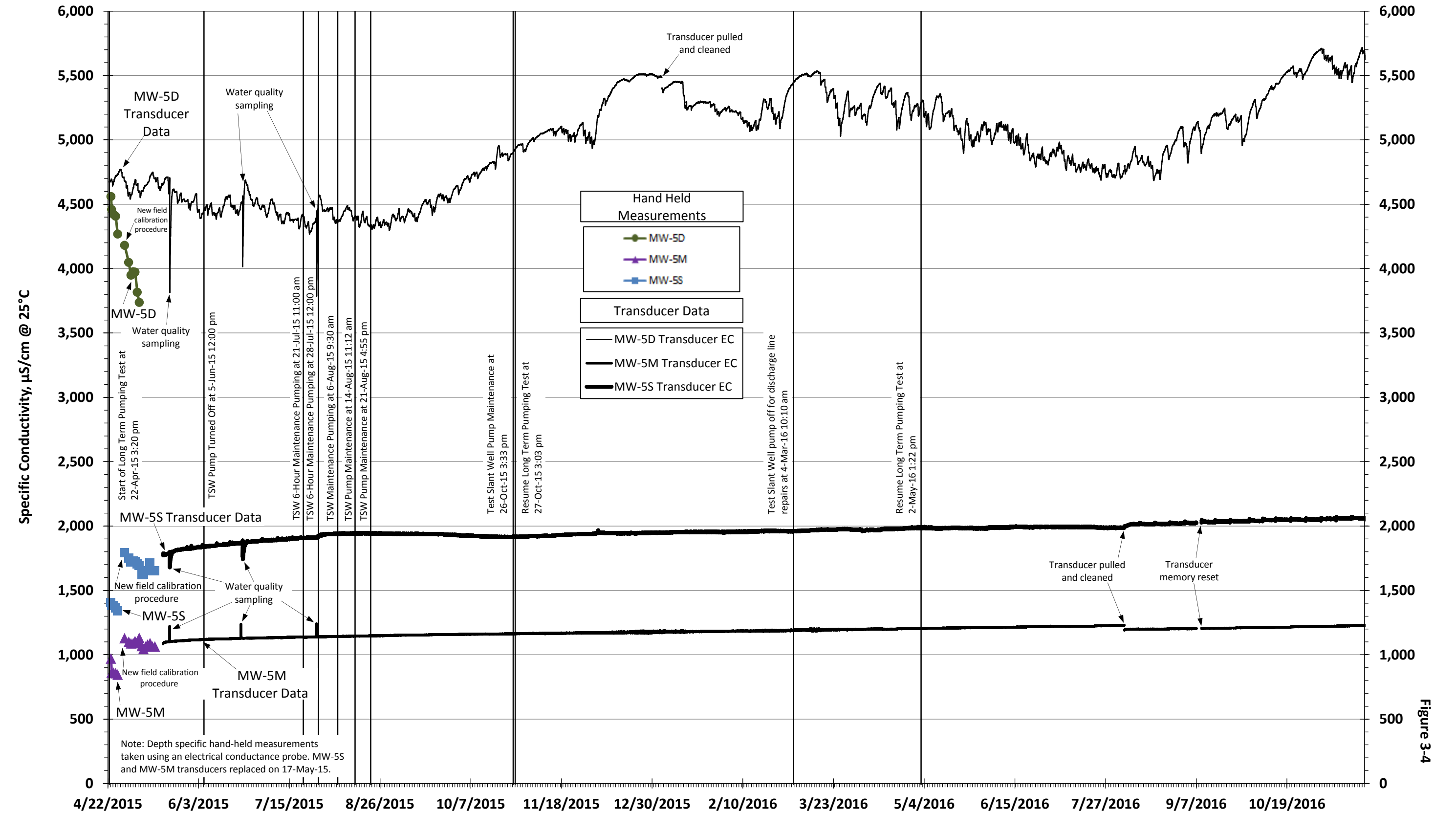


Figure 3-4

Specific Conductivity in MPWSP MW-6

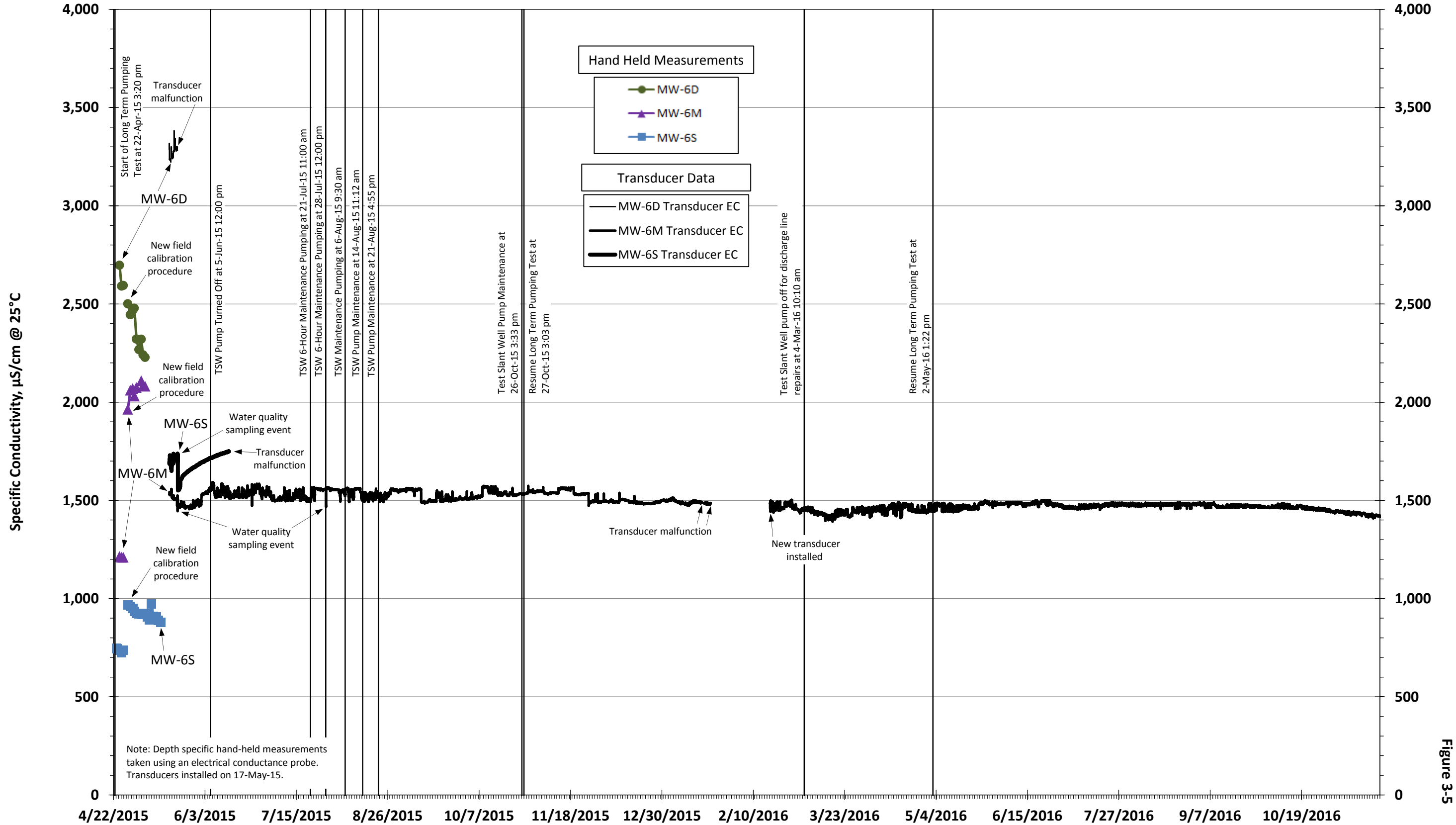


Figure 3-5

Specific Conductivity in MPWSP MW-7

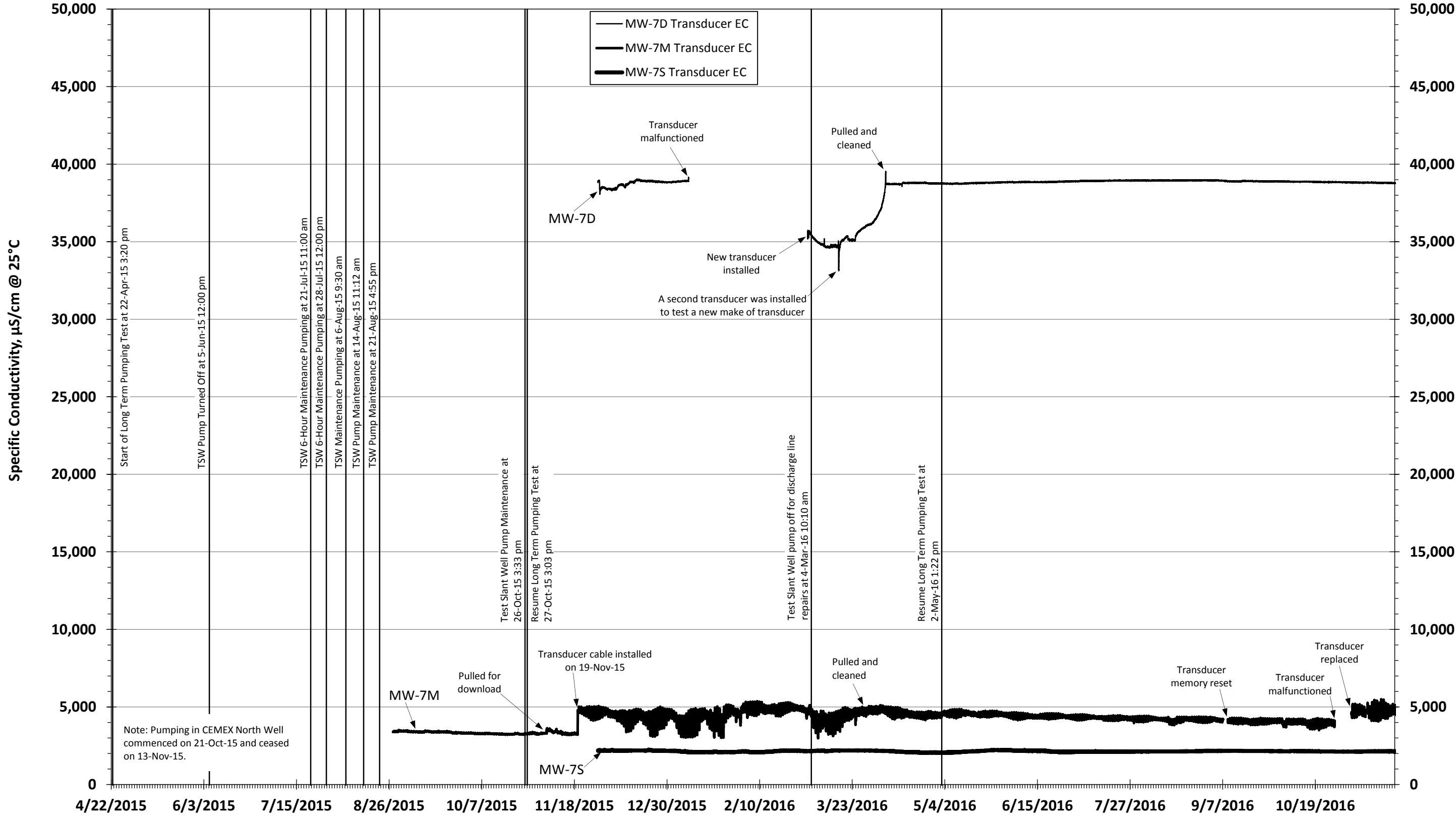


Figure 3-6

Specific Conductivity in MPWSP MW-8

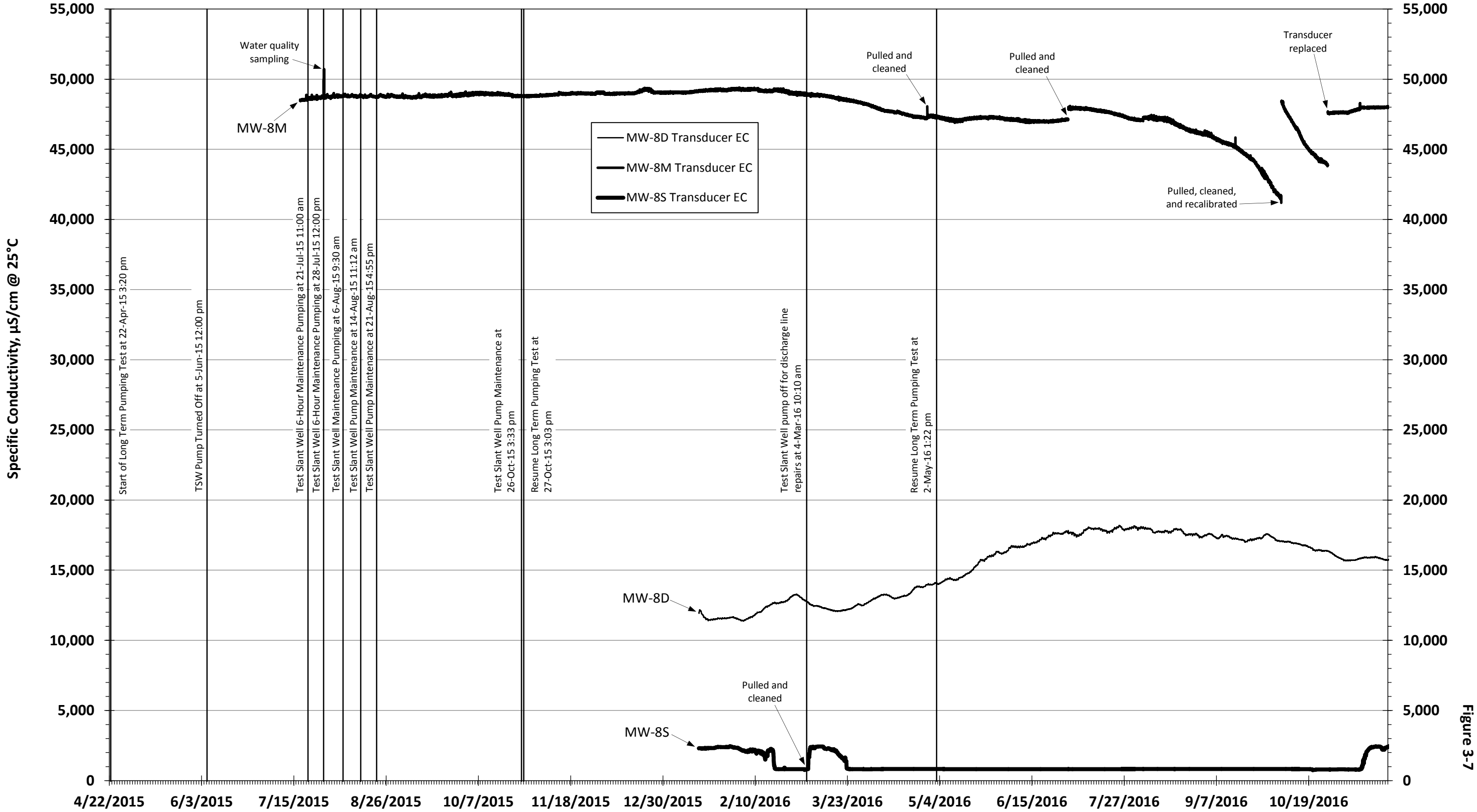


Figure 3-7

Specific Conductivity in MPWSP MW-9

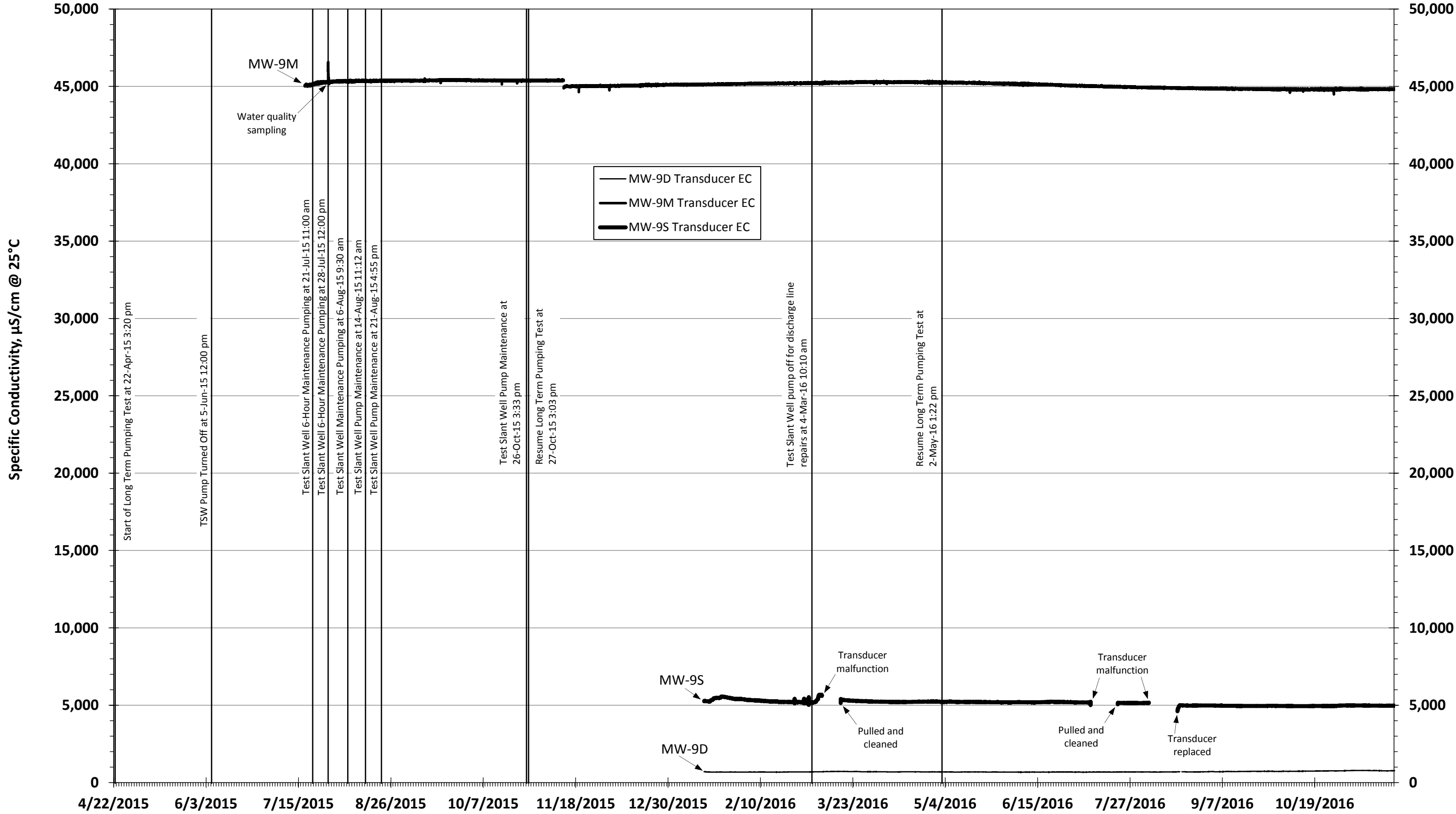


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

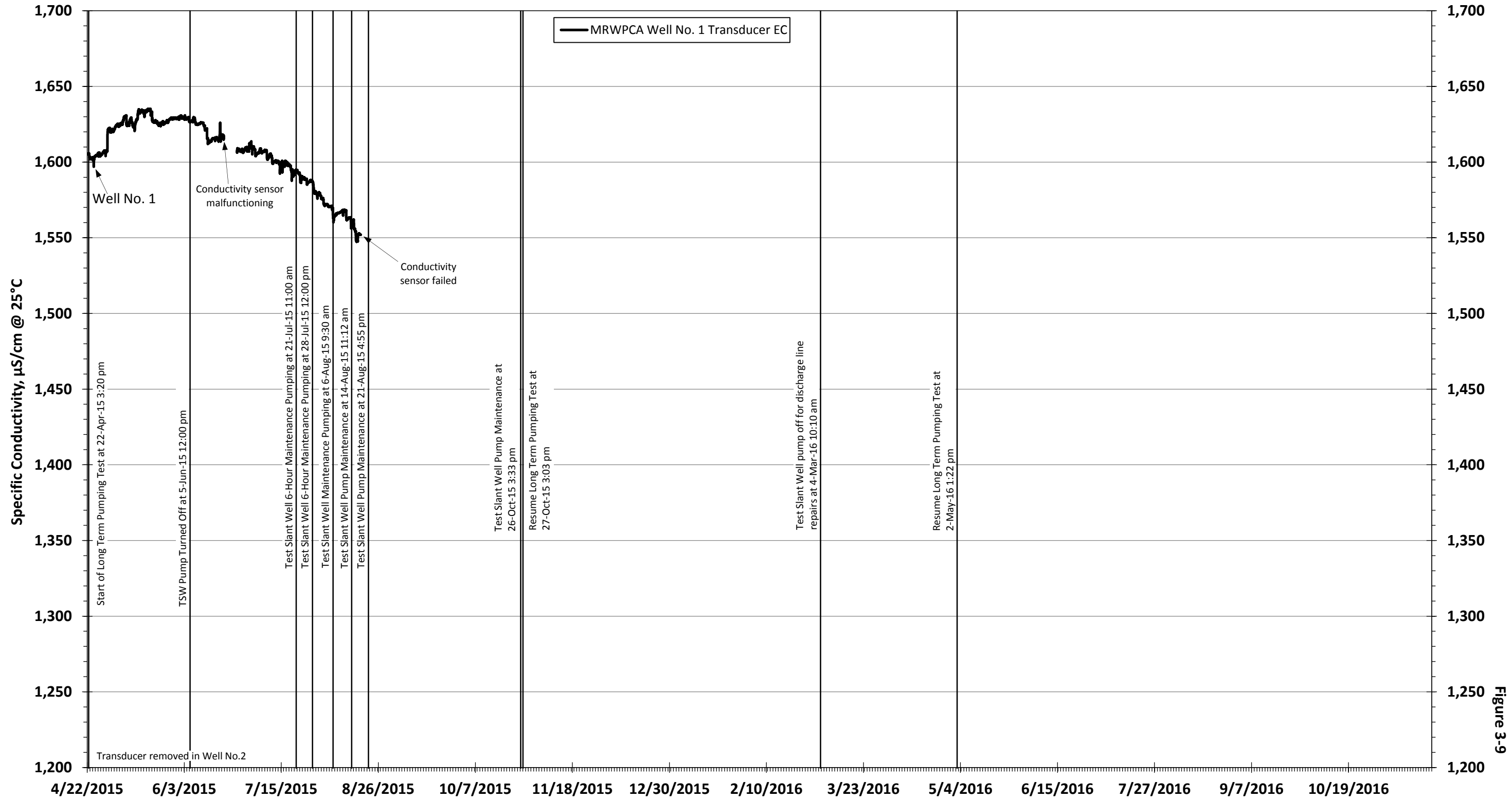


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

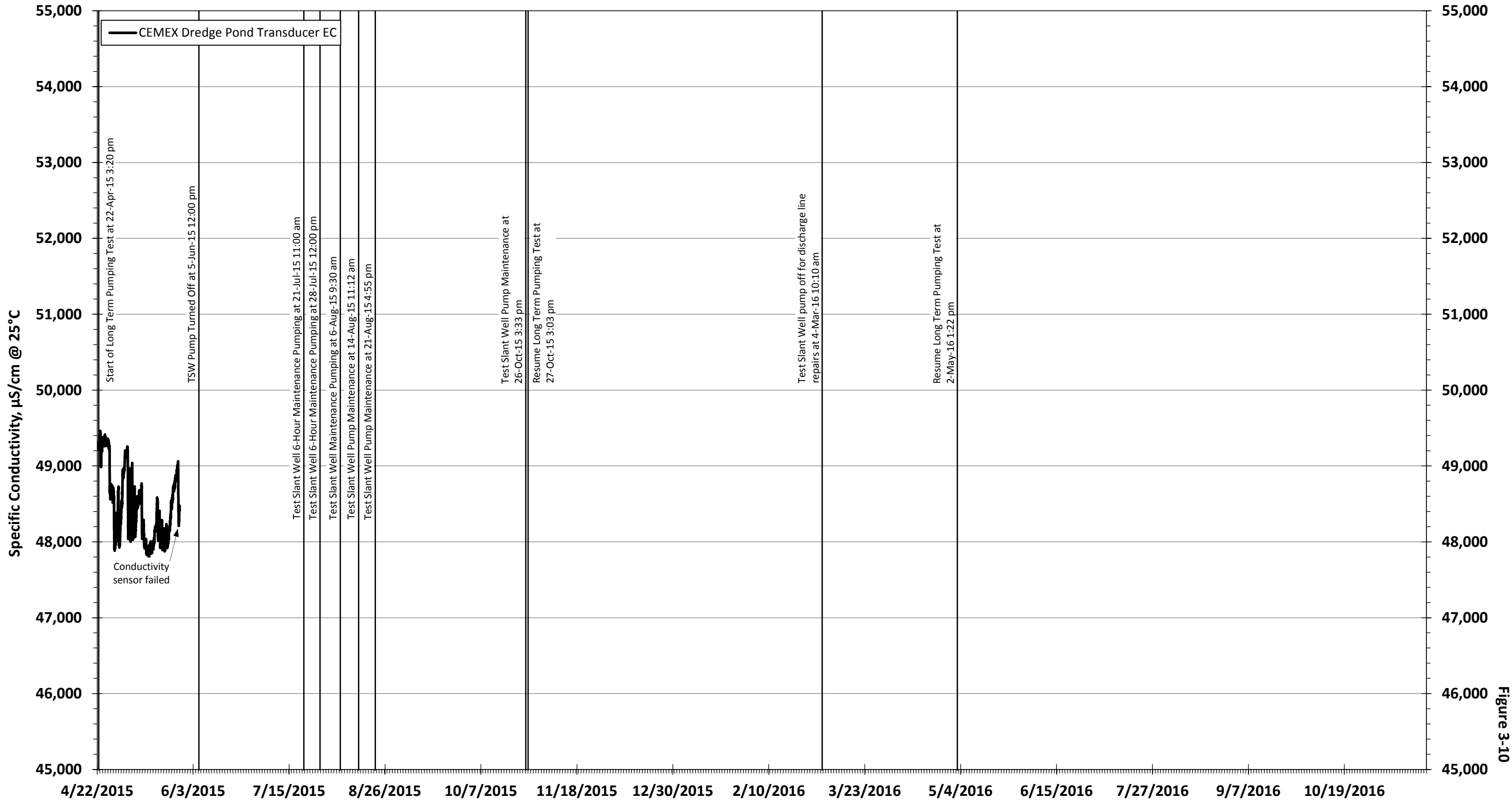
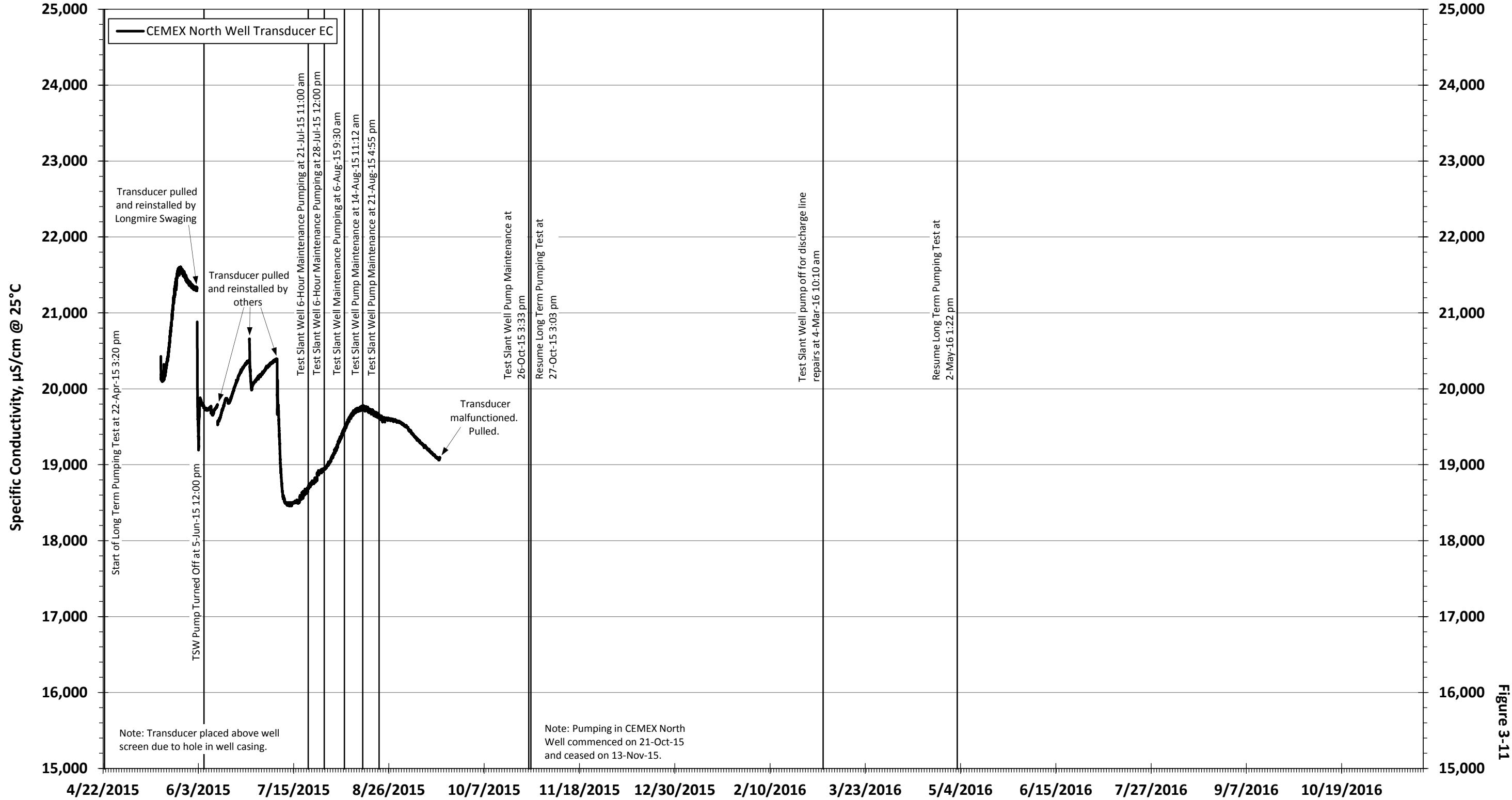
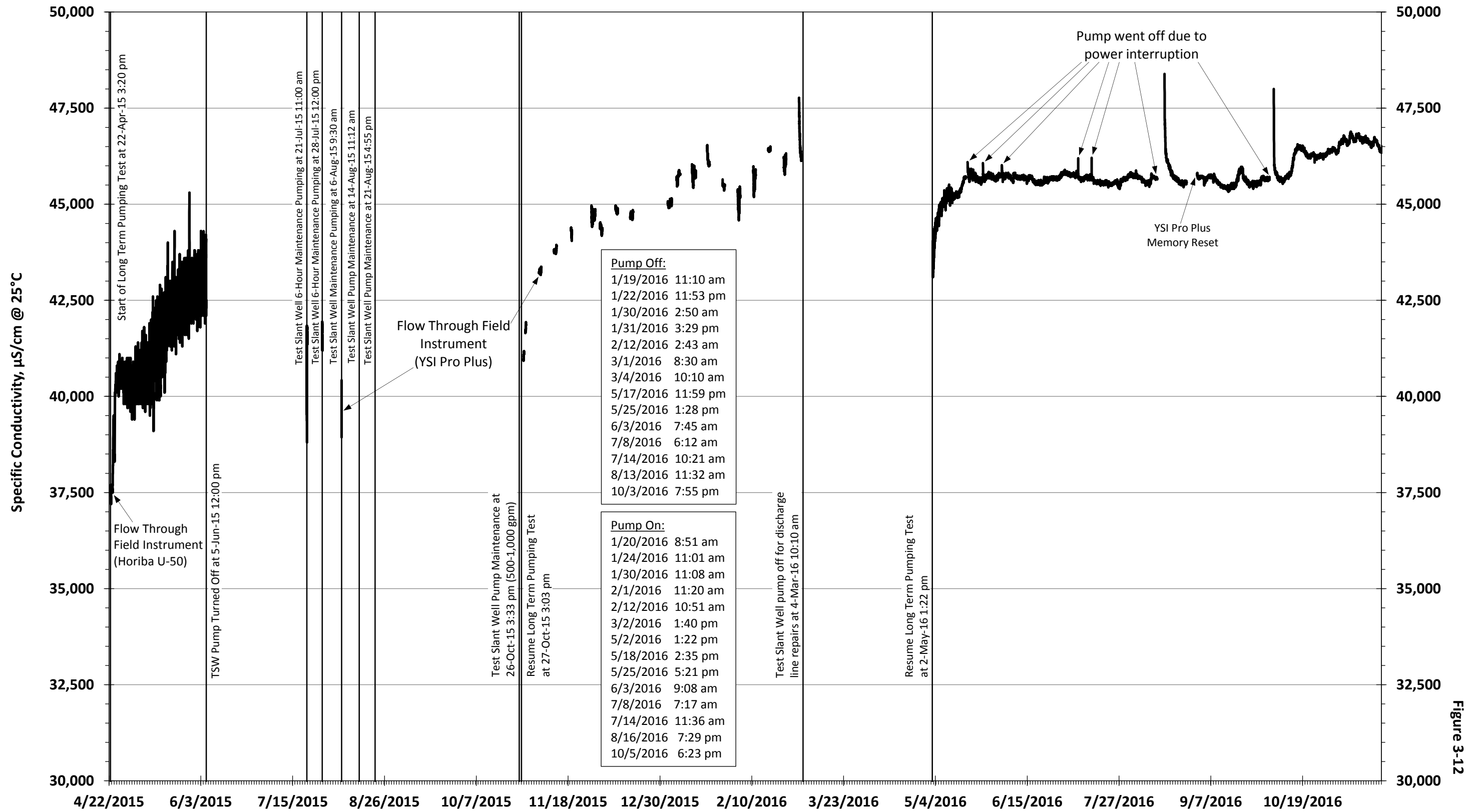


Figure 3-10

Specific Conductivity in CEMEX North Well



Specific Conductivity in MPWSP Test Slant Well



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	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-6D	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.

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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.

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

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

Notes:

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

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

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

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

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

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
mg/L = Milligrams per Liter
NTU = Nephelometric Turbidity Units
pg/L = Picograms per Liter
TON = Threshold Odor Number
µg/L = 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:			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	PENDING
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	PENDING
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.

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:
- 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.
 - 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.
 - 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".

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.

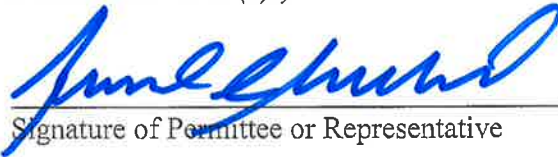
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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

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

APPENDIX B
Groundwater Level and Salinity Instrument Data
16-November-16 - 23-November-16



Report Date: 11/28/2016 8:32:41 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-1D LT Test_2016-11-24_16-01-25-694-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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: 0 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 34.5229 (ft)
Head Pressure: 15.3258 (PSI)
Temperature: 21.9902 (C)

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

TDS Factor: 0.68

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: xMakar 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 5:41:29 PM Log Download - Used Battery: 5% Used Memory: 7% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 4:00:00 PM
7/1/2016 9:13:42 AM Log Download - Used Battery: 6% Used Memory: 9% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:45:00 AM
7/8/2016 9:11:42 AM Log Download - Used Battery: 6% Used Memory: 9% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 9:45:00 AM
7/14/2016 12:33:36 PM Log Download - Used Battery: 6% Used Memory: 10% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:45:00 PM
7/21/2016 1:47:48 PM Log Download - Used Battery: 7% Used Memory: 10% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 2:15:00 PM
7/28/2016 2:39:17 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:15:00 PM
8/4/2016 12:00:20 PM Log Download - Used Battery: 7% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 1:48:32 PM Log Download - Used Battery: 8% Used Memory: 14% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:10:51 AM Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:00:00 AM
8/25/2016 4:46:04 PM Log Download - Used Battery: 8% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:45:00 PM
9/1/2016 1:09:39 PM Log Download - Used Battery: 9% Used Memory: 17% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:00:00 PM
9/8/2016 11:26:51 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:15:00 AM
9/15/2016 6:25:15 PM Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:15:00 PM
9/22/2016 3:53:02 PM Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:45:00 PM
10/2/2016 8:41:47 AM Log Download - Used Battery: 10% Used Memory: 20% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:30:00 AM
10/7/2016 6:15:57 PM Log Download - Used Battery: 11% Used Memory: 20% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 7:00:00 PM
10/13/2016 1:17:34 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:30:00 PM
10/20/2016 12:08:32 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:45:00 PM
10/27/2016 9:42:03 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:00:00 AM
10/3/2016 9:12:43 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: Skuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 11:00:00 AM
11/10/2016 10:44:11 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:35:14 AM Log Download - Used Battery: 13% Used Memory: 25% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM
11/24/2016 4:00:37 PM Log Download - Used Battery: 13% Used Memory: 26% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
11/28/2016 8:32:02 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:
Record Count: 840
Sensors: 2
1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

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)
		Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc				
SN#:		SN#:	SN#:	SN#:	SN#:				
SN#:		SN#:	SN#:	SN#:	SN#:				
Date and Time		Elapsed Time	Corrected	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
(ppm)		Resistivity (ohm-cm)	Pressure (PSI)	Water Density (g/cm3)	Barometric Pressure (PSI)				
11/17/2016 12:00:00 AM	24.470	93600.000	1.021	121.557	19.125	273.819	40865.613	46030.918	31301.027
11/17/2016 12:15:00 AM	24.497	94500.000	1.021	121.587	19.126	273.887	40820.508	45978.797	31265.584
11/17/2016 12:30:00 AM	24.478	95400.000	1.021	121.598	19.129	273.912	40853.168	46013.086	31288.900
11/17/2016 12:45:00 AM	24.504	96300.000	1.021	121.618	19.131	273.956	40809.730	45962.270	31254.346
11/17/2016 1:00:00 AM	24.493	97200.000	1.021	121.639	19.131	274.004	40828.754	45983.430	31268.734
11/17/2016 1:15:00 AM	24.497	98100.000	1.021	121.596	19.137	273.908	40821.641	45969.383	31259.182
11/17/2016 1:30:00 AM	24.484	99000.000	1.021	121.570	19.126	273.849	40842.250	46003.645	31282.480
11/17/2016 1:45:00 AM	24.502	99900.000	1.021	121.558	19.125	273.821	40812.492	45971.504	31260.623
11/17/2016 2:00:00 AM	24.486	100800.000	1.021	121.565	19.127	273.837	40839.184	45999.238	31279.484

11/17/2016 2:15:00 AM	101700.000	121.567	19.141	273.841	40799.566	45940.816	30.058	31239.758
24.510	1.021	14.779						
11/17/2016 2:30:00 AM	102600.000	121.556	19.133	273.816	40848.492	46004.020	30.103	31282.736
24.481	1.021	14.774						
11/17/2016 2:45:00 AM	103500.000	121.532	19.119	273.762	40807.211	45970.559	30.078	31259.980
24.505	1.021	14.766						
11/17/2016 3:00:00 AM	104400.000	121.464	19.120	273.609	40829.820	45995.938	30.097	31277.238
24.492	1.021	14.770						
11/17/2016 3:15:00 AM	105300.000	121.467	19.131	273.617	40800.430	45951.453	30.065	31246.990
24.510	1.021	14.775						
11/17/2016 3:30:00 AM	106200.000	121.425	19.126	273.522	40821.324	45979.809	30.086	31266.271
24.497	1.021	14.776						
11/17/2016 3:45:00 AM	107100.000	121.412	19.119	273.493	40778.629	45938.617	30.055	31238.262
24.523	1.021	14.771						
11/17/2016 4:00:00 AM	108000.000	121.395	19.124	273.454	40848.645	46012.832	30.109	31288.729
24.481	1.021	14.767						
11/17/2016 4:15:00 AM	108900.000	121.361	19.125	273.378	40790.730	45946.910	30.061	31243.900
24.515	1.021	14.773						
11/17/2016 4:30:00 AM	109800.000	121.358	19.128	273.371	40804.410	45959.375	30.071	31252.377
24.507	1.021	14.777						
11/17/2016 4:45:00 AM	110700.000	121.332	19.124	273.311	40814.113	45974.199	30.081	31262.457
24.501	1.021	14.781						
11/17/2016 5:00:00 AM	111600.000	121.305	19.117	273.251	40810.086	45976.293	30.083	31263.879
24.504	1.021	14.780						
11/17/2016 5:15:00 AM	112500.000	121.334	19.124	273.317	40786.199	45942.492	30.058	31240.896
24.518	1.021	14.777						
11/17/2016 5:30:00 AM	113400.000	121.290	19.121	273.218	40814.773	45977.359	30.083	31264.607
24.501	1.021	14.780						
11/17/2016 5:45:00 AM	114300.000	121.290	19.129	273.218	40819.070	45974.508	30.082	31262.666
24.498	1.021	14.781						
11/17/2016 6:00:00 AM	115200.000	121.292	19.133	273.223	40850.180	46005.832	30.105	31283.969
24.490	1.021	14.775						
11/17/2016 6:15:00 AM	116100.000	121.275	19.125	273.183	40794.734	45950.898	30.064	31246.613
24.513	1.021	14.780						
11/17/2016 6:30:00 AM	117000.000	121.289	19.129	273.216	40822.012	45978.086	30.084	31265.100
24.497	1.021	14.781						
11/17/2016 6:45:00 AM	117900.000	121.353	19.135	273.360	40782.141	45926.801	30.047	31230.227
24.521	1.021	14.786						
11/17/2016 7:00:00 AM	118800.000	121.321	19.124	273.288	40834.688	45997.195	30.098	31278.096
24.489	1.021	14.782						
11/17/2016 7:15:00 AM	119700.000	121.354	19.125	273.362	40774.008	45927.289	30.047	31230.559
24.525	1.021	14.790						
11/17/2016 7:30:00 AM	120600.000	121.376	19.121	273.410	40852.762	46019.887	30.115	31293.525
24.478	1.021	14.792						
11/17/2016 7:45:00 AM	121500.000	121.432	19.123	273.537	40790.426	45947.938	30.062	31244.598
24.516	1.021	14.789						
11/17/2016 8:00:00 AM	122400.000	121.465	19.129	273.611	40847.707	46006.504	30.105	31284.426
24.481	1.021	14.795						
11/17/2016 8:15:00 AM	123300.000	121.491	19.126	273.670	40791.227	45945.906	30.061	31243.217
24.515	1.021	14.805						
11/17/2016 8:30:00 AM	124200.000	121.518	19.130	273.730	40837.332	45994.383	30.096	31276.180
24.487	1.021	14.801						
11/17/2016 8:45:00 AM	125100.000	121.575	19.125	273.859	40935.211	46108.781	30.180	31353.971
24.429	1.021	14.790						
11/17/2016 9:00:00 AM	126000.000	121.620	19.122	273.961	40769.605	45925.785	30.046	31229.535
24.528	1.021	14.794						
11/17/2016 9:15:00 AM	126900.000	121.670	19.124	274.074	25622.518	28861.561	17.986	19625.861
39.028	1.012	14.803						
11/17/2016 9:30:00 AM	127800.000	121.722	19.126	274.191	13000.860	14643.717	8.593	9957.729
76.918	1.005	14.793						
11/17/2016 9:45:00 AM	128700.000	121.767	19.124	274.292	7587.387	8546.666	4.812	5811.733
131.798	1.002	14.791						
11/17/2016 10:00:00 AM	129600.000	121.795	19.129	274.354	19275.650	21710.365	13.176	14763.049
51.879	1.008	14.789						
11/17/2016 10:15:00 AM	130500.000	121.843	19.125	274.464	9423.702	10614.931	6.073	7218.153
106.115	1.003	14.788						
11/17/2016 10:30:00 AM	131400.000	121.903	19.123	274.598	17485.871	19696.736	11.852	13393.781
57.189	1.007	14.786						
11/17/2016 10:45:00 AM	132300.000	121.883	19.127	274.553	11003.860	12394.273	7.177	8428.107
90.877	1.004	14.791						
11/17/2016 11:00:00 AM	133200.000	121.959	19.131	274.725	17603.998	19826.301	11.937	13481.885
56.805	1.007	14.791						
11/17/2016 11:15:00 AM	134100.000	121.911	19.132	274.617	12901.970	14530.502	8.522	9880.742
77.508	1.005	14.788						
11/17/2016 11:30:00 AM	135000.000	121.940	19.126	274.682	17806.734	20057.115	12.088	13638.840
56.159	1.008	14.785						
11/17/2016 11:45:00 AM	135900.000	121.921	19.129	274.640	14525.146	16359.700	9.689	11124.598
68.846	1.006	14.783						
11/17/2016 12:00:00 PM	136800.000	121.955	19.123	274.716	15584.651	17555.262	10.459	11937.579
64.166	1.006	14.781						
11/17/2016 12:15:00 PM	137700.000	121.939	19.131	274.681	15602.888	17572.707	10.470	11949.441
64.091	1.006	14.770						
11/17/2016 12:30:00 PM	138600.000	121.950	19.125	274.705	17016.672	19167.600	11.506	13033.968
58.766	1.007	14.770						
11/17/2016 12:45:00 PM	139500.000	121.914	19.126	274.624	14575.898	16417.848	9.726	11164.137
68.606	1.006	14.775						
11/17/2016 1:00:00 PM	140400.000	121.883	19.122	274.575	22278.936	25096.248	15.434	17065.451
44.885	1.010	14.769						
11/17/2016 1:15:00 PM	141300.000	121.852	19.128	274.484	14588.701	16431.561	9.735	11173.462
68.546	1.006	14.759						
11/17/2016 1:30:00 PM	142200.000	121.829	19.126	274.432	22887.660	25780.113	15.894	17530.477
43.692	1.010	14.764						
11/17/2016 1:45:00 PM	143100.000	121.786	19.126	274.335	15848.044	17850.719	10.650	12138.489
63.099	1.006	14.758						
11/17/2016 2:00:00 PM	144000.000	121.702	19.128	274.146	21763.791	24512.830	15.042	16668.727
45.948	1.010	14.763						
11/17/2016 2:15:00 PM	144900.000	121.642	19.134	274.011	14880.462	16757.943	9.945	11395.402
67.202	1.006	14.763						
11/17/2016 2:30:00 PM	145800.000	121.602	19.123	273.920	22205.174	25012.779	15.378	17008.689
45.035	1.010	14.752						
11/17/2016 2:45:00 PM	146700.000	121.564	19.125	273.835	14632.603	16482.275	9.767	11207.947
68.341	1.006	14.752						
11/17/2016 3:00:00 PM	147600.000	121.473	19.120	273.630	22472.357	25315.316	15.581	17214.416
44.499	1.010	14.756						
11/17/2016 3:15:00 PM	148500.000	121.440	19.120	273.555	16109.021	18147.199	10.842	12340.097
62.077	1.007	14.749						
11/17/2016 3:30:00 PM	149400.000	121.394	19.126	273.452	22700.381	25569.254	15.752	17387.094
44.052	1.010	14.751						
11/17/2016 3:45:00 PM	150300.000	121.286	19.137	273.209	15069.649	16970.045	10.081	11539.632
66.359	1.006	14.751						
11/17/2016 4:00:00 PM	151200.000	121.234	19.125	273.092	21259.531	23946.404	14.663	16283.556
47.038	1.010	14.756						
11/17/2016 4:15:00 PM	152100.000	121.178	19.116	272.965	15726.418	17717.686	10.564	12048.027
63.587	1.006	14.750						
11/17/2016 4:30:00 PM	153000.000	121.129	19.128	272.854	23018.969	25926.896	15.993	17630.289
43.442	1.011	14.748						
11/17/2016 4:45:00 PM	153900.000	121.056	19.118	272.691	14750.264	16617.117	9.854	11299.641
67.795	1.006	14.747						
11/17/2016 5:00:00 PM	154800.000	120.993	19.112	272.550	21571.455	24304.730	14.903	16527.219
46.358	1.010	14.751						
11/17/2016 5:15:00 PM	155700.000	120.929	19.114	272.405	16583.818	18684.486	11.191	12705.452
60.300	1.007	14.755						
11/17/2016 5:30:00 PM	156600.000	120.905	19.107	272.351	22566.352	25428.314	15.657	17291.254
44.314	1.010	14.754						
11/17/2016 5:45:00 PM	157500.000	120.877	19.110	272.287	15201.610	17128.482	10.183	11647.368
65.783	1.006	14.754						
11/17/2016 6:00:00 PM	158400.000	120.816	19.122	272.149	21800.740	24557.996	15.073	16699.438
45.870	1.010	14.749						
11/17/2016 6:15:00 PM	159300.000	120.798	19.120	272.110	16541.313	18633.904	11.158	12671.055
60.4								

64.947	1.006	14.760						
11/17/2016 7:00:00 PM	162000.000	120.744	19.114	271.987	21788.283	24547.926	15.066	16692.590
45.896	1.010	14.758						
11/17/2016 7:15:00 PM	162900.000	120.720	19.126	271.933	16394.576	18466.492	11.049	12557.216
60.996	1.007	14.756						
11/17/2016 7:30:00 PM	163800.000	120.740	19.124	271.978	19189.379	21615.430	13.114	14698.493
52.112	1.008	14.754						
11/17/2016 7:45:00 PM	164700.000	120.711	19.109	271.914	15869.104	17881.023	10.669	12159.097
63.016	1.006	14.763						
11/17/2016 8:00:00 PM	165600.000	120.731	19.118	271.959	20395.324	22976.859	14.016	15624.266
49.031	1.009	14.760						
11/17/2016 8:15:00 PM	166500.000	120.755	19.114	272.012	16021.374	18050.695	10.779	12274.474
62.417	1.007	14.746						
11/17/2016 8:30:00 PM	167400.000	120.748	19.109	271.996	21723.043	24476.998	15.018	16644.359
46.034	1.010	14.758						
11/17/2016 8:45:00 PM	168300.000	120.794	19.112	272.100	16635.734	18743.824	11.230	12745.801
60.112	1.007	14.755						
11/17/2016 9:00:00 PM	169200.000	120.860	19.116	272.249	21817.570	24580.047	15.087	16714.432
45.835	1.010	14.758						
11/17/2016 9:15:00 PM	170100.000	120.897	19.114	272.331	16866.689	19002.908	11.398	12921.978
59.288	1.007	14.757						
11/17/2016 9:30:00 PM	171000.000	120.955	19.116	272.463	21319.580	24018.781	14.711	16332.773
46.905	1.010	14.753						
11/17/2016 9:45:00 PM	171900.000	120.971	19.114	272.499	16494.803	18584.057	11.126	12637.158
60.625	1.007	14.752						
11/17/2016 10:00:00 PM	172800.000	121.042	19.119	272.659	22025.105	24812.041	15.243	16872.189
45.403	1.010	14.754						
11/17/2016 10:15:00 PM	173700.000	121.076	19.120	272.736	16963.221	19109.225	11.468	12994.273
58.951	1.007	14.760						
11/17/2016 10:30:00 PM	174600.000	121.138	19.119	272.875	22088.943	24884.240	15.291	16921.283
45.272	1.010	14.757						
11/17/2016 10:45:00 PM	175500.000	121.174	19.127	272.957	17007.893	19156.596	11.499	13026.486
58.796	1.007	14.754						
11/17/2016 11:00:00 PM	176400.000	121.240	19.114	273.106	22370.846	25204.137	15.506	17138.813
44.701	1.010	14.754						
11/17/2016 11:15:00 PM	177300.000	121.280	19.122	273.194	16907.469	19045.848	11.427	12951.178
59.145	1.007	14.754						
11/17/2016 11:30:00 PM	178200.000	121.321	19.121	273.287	21790.824	24547.193	15.065	16692.094
45.891	1.010	14.756						
11/17/2016 11:45:00 PM	179100.000	121.377	19.129	273.414	16190.508	18235.193	10.899	12399.932
61.765	1.007	14.753						
11/18/2016 12:00:00 AM	180000.000	121.398	19.130	273.461	22026.168	24807.604	15.240	16869.172
45.401	1.010	14.756						
11/18/2016 12:15:00 AM	180900.000	121.442	19.127	273.561	17026.012	19177.330	11.512	13040.586
58.734	1.007	14.754						
11/18/2016 12:30:00 AM	181800.000	121.500	19.128	273.690	22227.336	25035.258	15.393	17023.975
44.990	1.010	14.750						
11/18/2016 12:45:00 AM	182700.000	121.507	19.129	273.706	17509.508	19720.770	11.867	13410.124
57.112	1.007	14.750						
11/18/2016 1:00:00 AM	183600.000	121.548	19.127	273.798	22434.455	25268.725	15.550	17182.734
44.574	1.010	14.746						
11/18/2016 1:15:00 AM	184500.000	121.558	19.127	273.821	16447.457	18525.740	11.088	12597.505
60.800	1.007	14.745						
11/18/2016 1:30:00 AM	185400.000	121.589	19.121	273.890	21813.688	24573.135	15.083	16709.734
45.943	1.010	14.742						
11/18/2016 1:45:00 AM	186300.000	121.568	19.128	273.844	16300.447	18359.572	10.980	12484.510
61.348	1.007	14.747						
11/18/2016 2:00:00 AM	187200.000	121.576	19.131	273.862	22405.172	25234.090	15.527	17159.182
44.633	1.010	14.746						
11/18/2016 2:15:00 AM	188100.000	121.578	19.132	273.867	16909.225	19043.498	11.425	12949.580
59.139	1.007	14.747						
11/18/2016 2:30:00 AM	189000.000	121.594	19.125	273.902	21883.943	24650.148	15.134	16762.102
45.696	1.010	14.746						
11/18/2016 2:45:00 AM	189900.000	121.583	19.127	273.877	16927.959	19066.748	11.440	12965.390
59.074	1.007	14.740						
11/18/2016 3:00:00 AM	190800.000	121.571	19.133	273.851	22790.299	25666.252	15.818	17453.053
43.878	1.010	14.742						
11/18/2016 3:15:00 AM	191700.000	121.550	19.132	273.802	16661.273	18764.318	11.243	12759.737
60.019	1.007	14.747						
11/18/2016 3:30:00 AM	192600.000	121.521	19.127	273.738	22761.070	25637.041	15.798	17433.188
43.935	1.010	14.750						
11/18/2016 3:45:00 AM	193500.000	121.535	19.125	273.770	17600.658	19825.107	11.936	13481.074
56.816	1.007	14.740						
11/18/2016 4:00:00 AM	194400.000	121.525	19.136	273.746	21631.492	24359.705	14.940	16564.600
46.229	1.010	14.743						
11/18/2016 4:15:00 AM	195300.000	121.486	19.124	273.658	17919.170	20184.592	12.171	13725.523
55.806	1.008	14.750						
11/18/2016 4:30:00 AM	196200.000	121.462	19.130	273.605	22197.021	24999.793	15.369	16999.861
45.051	1.010	14.749						
11/18/2016 4:45:00 AM	197100.000	121.441	19.129	273.559	16774.188	18892.762	11.327	12847.078
59.615	1.007	14.747						
11/18/2016 5:00:00 AM	198000.000	121.413	19.136	273.495	22190.947	24989.811	15.363	16993.072
45.063	1.010	14.740						
11/18/2016 5:15:00 AM	198900.000	121.392	19.137	273.446	16972.010	19112.342	11.470	12996.394
58.921	1.007	14.743						
11/18/2016 5:30:00 AM	199800.000	121.400	19.129	273.466	22331.883	25152.586	15.472	17103.758
44.779	1.010	14.742						
11/18/2016 5:45:00 AM	200700.000	121.362	19.136	273.380	16193.280	18235.543	10.900	12400.169
61.754	1.007	14.740						
11/18/2016 6:00:00 AM	201600.000	121.346	19.124	273.344	22319.277	25140.891	15.464	17095.809
44.804	1.010	14.739						
11/18/2016 6:15:00 AM	202500.000	121.338	19.122	273.326	16426.893	18504.316	11.074	12582.937
60.876	1.007	14.739						
11/18/2016 6:30:00 AM	203400.000	121.314	19.122	273.273	22345.771	25171.535	15.485	17116.646
44.751	1.010	14.741						
11/18/2016 6:45:00 AM	204300.000	121.325	19.119	273.295	16423.086	18501.453	11.072	12580.989
60.890	1.007	14.740						
11/18/2016 7:00:00 AM	205200.000	121.336	19.118	273.321	22309.043	25132.381	15.458	17090.021
44.825	1.010	14.745						
11/18/2016 7:15:00 AM	206100.000	121.317	19.120	273.278	17370.686	19568.271	11.768	13306.425
57.568	1.007	14.748						
11/18/2016 7:30:00 AM	207000.000	121.332	19.128	273.311	23248.988	26185.973	16.168	17806.461
43.013	1.011	14.749						
11/18/2016 7:45:00 AM	207900.000	121.337	19.125	273.324	15839.416	17841.572	10.644	12132.270
63.134	1.006	14.748						
11/18/2016 8:00:00 AM	208800.000	121.373	19.137	273.405	22335.207	25151.705	15.471	17103.160
44.772	1.010	14.752						
11/18/2016 8:15:00 AM	209700.000	121.379	19.148	273.418	16486.936	18561.813	11.112	12622.033
60.654	1.007	14.757						
11/18/2016 8:30:00 AM	210600.000	121.398	19.139	273.460	23407.799	26358.555	16.285	17923.816
42.721	1.011	14.757						
11/18/2016 8:45:00 AM	211500.000	121.441	19.120	273.557	16608.578	18710.029	11.208	12722.821
60.210	1.007	14.758						
11/18/2016 9:00:00 AM	212400.000	121.472	19.129	273.628	20502.383	23091.916	14.093	15702.503
48.775	1.009	14.756						
11/18/2016 9:15:00 AM	213300.000	121.493	19.124	273.675	16632.363	18734.926	11.224	12739.751
60.124	1.007	14.763						
11/18/2016 9:30:00 AM	214200.000	121.511	19.126	273.715	17328.391	19518.096	11.735	13272.307
57.709	1.007	14.757						
11/18/2016 9:45:00 AM	215100.000	121.543	19.136	273.788	17621.059	19843.689	11.948	13493.710
56.750	1.007	14.759						
11/18/2016 10:00:00 AM	216000.000	121.605	19.131	273.928	17560.574	19777.395	11.905	13448.629
56.946	1.007	14.752						
11/18/2016 10:15:00 AM	216900.000	121.626	19.123	273.974	18130.832	20423.322	12.328	13887.860
55.155	1.008	14.759						
11/18/2016 10:30:00 AM	217800.000	121.675	19.130	274.086	14787.084	16654.471	9.878	11325.041
67.627	1.006	14.750						
11/18/2016 10:45:00 AM	218700.000	121.707	19.122	274.157	17272.074	19456.453	11.695	1323

11/18/2016 11:30:00 AM	221400.000	121.788	19.138	274.340	28242.752	31803.838	20.010	21626.609
35.407	1.014	14.741						
11/18/2016 11:45:00 AM	222300.000	121.815	19.130	274.400	38854.078	43760.605	28.474	29757.213
25.737	1.020	14.746						
11/18/2016 12:00:00 PM	223200.000	121.837	19.125	274.451	43032.715	48471.934	31.910	32960.914
23.238	1.023	14.740						
11/18/2016 12:15:00 PM	224100.000	121.820	19.129	274.412	40704.883	45845.816	29.988	31175.158
24.567	1.021	14.740						
11/18/2016 12:30:00 PM	225000.000	121.865	19.129	274.513	41618.070	46874.254	30.739	31874.494
24.028	1.022	14.732						
11/18/2016 12:45:00 PM	225900.000	121.855	19.128	274.491	40618.383	45749.688	29.918	31109.789
24.619	1.021	14.728						
11/18/2016 1:00:00 PM	226800.000	121.851	19.125	274.481	40542.559	45667.367	29.858	31053.813
24.665	1.021	14.720						
11/18/2016 1:15:00 PM	227700.000	121.852	19.126	274.484	40533.586	45655.543	29.849	31045.771
24.671	1.021	14.716						
11/18/2016 1:30:00 PM	228600.000	121.842	19.126	274.461	40563.754	45689.602	29.874	31068.932
24.653	1.021	14.715						
11/18/2016 1:45:00 PM	229500.000	121.819	19.129	274.410	40533.988	45652.992	29.848	31044.037
24.671	1.021	14.715						
11/18/2016 2:00:00 PM	230400.000	121.788	19.136	274.340	40560.078	45675.953	29.865	31059.650
24.655	1.021	14.715						
11/18/2016 2:15:00 PM	231300.000	121.760	19.139	274.276	40551.305	45663.500	29.856	31051.182
24.660	1.021	14.708						
11/18/2016 2:30:00 PM	232200.000	121.730	19.144	274.208	40568.246	45676.832	29.866	31060.248
24.650	1.021	14.702						
11/18/2016 2:45:00 PM	233100.000	121.689	19.135	274.117	40542.066	45656.785	29.851	31046.615
24.666	1.021	14.699						
11/18/2016 3:00:00 PM	234000.000	121.651	19.138	274.031	40557.262	45670.723	29.861	31056.094
24.656	1.021	14.700						
11/18/2016 3:15:00 PM	234900.000	121.614	19.126	273.948	40492.508	45609.184	29.815	31014.248
24.696	1.021	14.701						
11/18/2016 3:30:00 PM	235800.000	121.551	19.132	273.805	40525.402	45641.180	29.839	31036.004
24.676	1.021	14.698						
11/18/2016 3:45:00 PM	236700.000	121.505	19.127	273.702	40516.500	45635.781	29.835	31032.334
24.681	1.021	14.701						
11/18/2016 4:00:00 PM	237600.000	121.455	19.114	273.590	40527.156	45660.211	29.852	31048.945
24.675	1.021	14.698						
11/18/2016 4:15:00 PM	238500.000	121.395	19.129	273.454	40489.211	45603.160	29.811	31010.148
24.698	1.021	14.708						
11/18/2016 4:30:00 PM	239400.000	121.361	19.121	273.377	40513.930	45638.199	29.836	31033.977
24.683	1.021	14.710						
11/18/2016 4:45:00 PM	240300.000	121.306	19.122	273.254	40512.023	45635.195	29.834	31031.936
24.684	1.021	14.712						
11/18/2016 5:00:00 PM	241200.000	121.226	19.138	273.073	40498.938	45605.297	29.813	31011.602
24.692	1.021	14.707						
11/18/2016 5:15:00 PM	242100.000	121.163	19.132	272.931	40527.410	45643.363	29.841	31037.488
24.675	1.021	14.708						
11/18/2016 5:30:00 PM	243000.000	121.118	19.120	272.829	40489.270	45611.363	29.817	31015.729
24.698	1.021	14.714						
11/18/2016 5:45:00 PM	243900.000	121.072	19.118	272.727	40503.629	45630.281	29.830	31028.594
24.689	1.021	14.711						
11/18/2016 6:00:00 PM	244800.000	121.021	19.121	272.612	40491.520	45613.383	29.818	31017.104
24.697	1.021	14.712						
11/18/2016 6:15:00 PM	245700.000	120.967	19.128	272.491	40474.609	45587.145	29.800	30999.260
24.707	1.021	14.718						
11/18/2016 6:30:00 PM	246600.000	120.933	19.127	272.414	40498.723	45615.594	29.820	31018.604
24.692	1.021	14.720						
11/18/2016 6:45:00 PM	247500.000	120.895	19.134	272.328	40487.750	45596.809	29.807	31005.830
24.689	1.021	14.714						
11/18/2016 7:00:00 PM	248400.000	120.871	19.125	272.274	40498.078	45617.086	29.821	31019.621
24.693	1.021	14.719						
11/18/2016 7:15:00 PM	249300.000	120.831	19.125	272.183	40471.566	45587.141	29.799	30999.258
24.709	1.021	14.718						
11/18/2016 7:30:00 PM	250200.000	120.816	19.126	272.149	40510.223	45629.566	29.830	31028.107
24.685	1.021	14.716						
11/18/2016 7:45:00 PM	251100.000	120.805	19.124	272.124	40518.941	45641.531	29.839	31036.244
24.680	1.021	14.719						
11/18/2016 8:00:00 PM	252000.000	120.794	19.129	272.099	40516.148	45633.324	29.833	31030.662
24.682	1.021	14.720						
11/18/2016 8:15:00 PM	252900.000	120.797	19.132	272.108	40500.254	45612.438	29.818	31016.459
24.691	1.021	14.718						
11/18/2016 8:30:00 PM	253800.000	120.794	19.128	272.100	40522.664	45641.438	29.839	31036.178
24.678	1.021	14.723						
11/18/2016 8:45:00 PM	254700.000	120.810	19.134	272.137	40534.949	45649.277	29.845	31041.512
24.670	1.021	14.719						
11/18/2016 9:00:00 PM	255600.000	120.810	19.134	272.136	40477.227	45584.109	29.798	30997.195
24.705	1.021	14.726						
11/18/2016 9:15:00 PM	256500.000	120.841	19.134	272.205	40510.609	45621.777	29.825	31022.811
24.685	1.021	14.726						
11/18/2016 9:30:00 PM	257400.000	120.884	19.123	272.304	40485.000	45604.230	29.812	31010.877
24.701	1.021	14.726						
11/18/2016 9:45:00 PM	258300.000	120.889	19.118	272.315	40476.789	45599.539	29.808	31007.689
24.706	1.021	14.727						
11/18/2016 10:00:00 PM	259200.000	120.935	19.119	272.419	40455.828	45575.148	29.790	30991.102
24.718	1.021	14.730						
11/18/2016 10:15:00 PM	260100.000	120.965	19.121	272.463	40500.137	45623.168	29.825	31023.756
24.691	1.021	14.733						
11/18/2016 10:30:00 PM	261000.000	121.024	19.122	272.619	40469.129	45587.648	29.800	30999.604
24.710	1.021	14.726						
11/18/2016 10:45:00 PM	261900.000	121.053	19.115	272.684	40477.574	45603.320	29.811	31010.260
24.705	1.021	14.731						
11/18/2016 11:00:00 PM	262800.000	121.118	19.118	272.830	40490.520	45615.086	29.819	31018.260
24.697	1.021	14.719						
11/18/2016 11:15:00 PM	263700.000	121.161	19.120	272.928	40493.836	45616.844	29.821	31019.455
24.695	1.021	14.725						
11/18/2016 11:30:00 PM	264600.000	121.208	19.122	273.034	40478.363	45598.051	29.807	31006.678
24.705	1.021	14.731						
11/18/2016 11:45:00 PM	265500.000	121.254	19.121	273.138	40479.227	45599.707	29.808	31007.803
24.704	1.021	14.722						
11/19/2016 12:00:00 AM	266400.000	121.288	19.127	273.213	40498.488	45615.832	29.820	31018.766
24.692	1.021	14.735						
11/19/2016 12:15:00 AM	267300.000	121.335	19.124	273.318	40492.602	45611.430	29.817	31015.775
24.696	1.021	14.728						
11/19/2016 12:30:00 AM	268200.000	121.401	19.119	273.467	40494.117	45618.449	29.822	31020.547
24.695	1.021	14.725						
11/19/2016 12:45:00 AM	269100.000	121.432	19.120	273.536	40508.418	45633.703	29.833	31030.920
24.686	1.021	14.726						
11/19/2016 1:00:00 AM	270000.000	121.469	19.125	273.620	40507.207	45626.770	29.828	31026.205
24.687	1.021	14.728						
11/19/2016 1:15:00 AM	270900.000	121.510	19.130	273.713	40497.203	45610.789	29.817	31015.338
24.693	1.021	14.724						
11/19/2016 1:30:00 AM	271800.000	121.547	19.131	273.797	40523.395	45639.355	29.838	31034.764
24.677	1.021	14.722						
11/19/2016 1:45:00 AM	272700.000	121.585	19.125	273.881	40503.445	45623.391	29.826	31023.908
24.689	1.021	14.717						
11/19/2016 2:00:00 AM	273600.000	121.604	19.120	273.925	40492.066	45615.113	29.820	31018.277
24.696	1.021	14.724						
11/19/2016 2:15:00 AM	274500.000	121.617	19.126	273.954	40508.148	45627.566	29.829	31026.746
24.686	1.021	14.722						
11/19/2016 2:30:00 AM	275400.000	121.650	19.129	274.028	40530.215	45649.262	29.845	31041.500
24.673	1.021	14.718						
11/19/2016 2:45:00 AM	276300.000	121.648	19.128	274.023	40508.230	45625.441	29.827	31025.303
24.686	1.021	14.717						
11/19/2016 3:00:00 AM	277200.000	121.648	19.136	274.024	40484.254	45590.301	29.802	31001.406
24.701	1.021	14.722						
11/19/2016 3:15:00 AM	278100.000	121.668	19.125	274.068	40499.426	45618.445	29.822	31020.545
24.692	1.021	14.716						
11/19/2016 3:30:00 AM	279000.000	121.659	19.127	274.049	40511.789	45630.129	29.831	

24.691	1.021	14.714						
11/19/2016 4:15:00 AM	281700.000	121.655	19.139	274.040	40513.461	45620.371	29.824	31021.854
24.683	1.021	14.709						
11/19/2016 4:30:00 AM	282600.000	121.661	19.125	274.053	40517.320	45638.676	29.837	31034.301
24.681	1.021	14.713						
11/19/2016 4:45:00 AM	283500.000	121.620	19.125	273.960	40470.676	45585.707	29.798	30998.283
24.709	1.021	14.714						
11/19/2016 5:00:00 AM	284400.000	121.612	19.125	273.943	40490.203	45608.305	29.815	31013.648
24.697	1.021	14.709						
11/19/2016 5:15:00 AM	285300.000	121.586	19.122	273.885	40476.887	45596.215	29.806	31005.426
24.705	1.021	14.716						
11/19/2016 5:30:00 AM	286200.000	121.552	19.126	273.809	40483.219	45598.813	29.808	31007.195
24.702	1.021	14.711						
11/19/2016 5:45:00 AM	287100.000	121.551	19.131	273.806	40489.574	45601.266	29.810	31008.863
24.698	1.021	14.707						
11/19/2016 6:00:00 AM	288000.000	121.538	19.127	273.775	40508.406	45626.574	29.828	31026.072
24.686	1.021	14.705						
11/19/2016 6:15:00 AM	288900.000	121.528	19.124	273.753	40507.125	45628.309	29.829	31027.252
24.687	1.021	14.706						
11/19/2016 6:30:00 AM	289800.000	121.511	19.131	273.715	40492.496	45604.555	29.812	31011.100
24.696	1.021	14.704						
11/19/2016 6:45:00 AM	290700.000	121.477	19.133	273.639	40513.523	45626.094	29.828	31025.746
24.683	1.021	14.713						
11/19/2016 7:00:00 AM	291600.000	121.474	19.124	273.631	40506.887	45627.523	29.829	31026.719
24.687	1.021	14.708						
11/19/2016 7:15:00 AM	292500.000	121.460	19.126	273.600	40512.734	45632.574	29.832	31030.152
24.684	1.021	14.706						
11/19/2016 7:30:00 AM	293400.000	121.454	19.121	273.587	40513.727	45638.570	29.837	31034.229
24.683	1.021	14.703						
11/19/2016 7:45:00 AM	294300.000	121.458	19.118	273.595	40491.172	45615.742	29.820	31018.707
24.697	1.021	14.710						
11/19/2016 8:00:00 AM	295200.000	121.461	19.116	273.603	40500.531	45628.168	29.829	31027.154
24.691	1.021	14.708						
11/19/2016 8:15:00 AM	296100.000	121.442	19.117	273.559	40482.652	45607.762	29.814	31013.279
24.702	1.021	14.709						
11/19/2016 8:30:00 AM	297000.000	121.463	19.121	273.607	40511.031	45635.023	29.834	31031.818
24.685	1.021	14.705						
11/19/2016 8:45:00 AM	297900.000	121.476	19.122	273.636	40475.504	45594.656	29.805	31004.367
24.706	1.021	14.707						
11/19/2016 9:00:00 AM	298800.000	121.484	19.121	273.654	40506.383	45630.559	29.831	31028.779
24.687	1.021	14.709						
11/19/2016 9:15:00 AM	299700.000	121.491	19.123	273.670	40500.672	45622.148	29.825	31023.063
24.691	1.021	14.716						
11/19/2016 9:30:00 AM	300600.000	121.481	19.130	273.647	40484.418	45596.566	29.806	31005.666
24.701	1.021	14.714						
11/19/2016 9:45:00 AM	301500.000	121.516	19.133	273.726	40519.035	45632.129	29.833	31029.850
24.680	1.021	14.710						
11/19/2016 10:00:00 AM	302400.000	121.530	19.117	273.759	40459.520	45580.926	29.794	30995.031
24.716	1.021	14.712						
11/19/2016 10:15:00 AM	303300.000	121.554	19.116	273.813	40444.355	45564.883	29.783	30984.123
24.725	1.021	14.706						
11/19/2016 10:30:00 AM	304200.000	121.609	19.119	273.936	40534.082	45663.223	29.855	31050.992
24.671	1.021	14.710						
11/19/2016 10:45:00 AM	305100.000	121.634	19.124	273.993	40478.879	45596.238	29.806	31005.443
24.704	1.021	14.711						
11/19/2016 11:00:00 AM	306000.000	121.657	19.128	274.045	40518.273	45636.582	29.836	31032.879
24.680	1.021	14.714						
11/19/2016 11:15:00 AM	306900.000	121.686	19.128	274.110	40514.793	45633.172	29.833	31030.559
24.682	1.021	14.709						
11/19/2016 11:30:00 AM	307800.000	121.696	19.125	274.133	40505.977	45625.563	29.827	31025.385
24.688	1.021	14.709						
11/19/2016 11:45:00 AM	308700.000	121.738	19.130	274.227	40493.887	45607.488	29.814	31013.094
24.695	1.021	14.713						
11/19/2016 12:00:00 PM	309600.000	121.749	19.124	274.251	40514.824	45636.379	29.835	31032.740
24.682	1.021	14.702						
11/19/2016 12:15:00 PM	310500.000	121.825	19.125	274.423	40507.750	45627.730	29.829	31026.859
24.687	1.021	14.702						
11/19/2016 12:30:00 PM	311400.000	121.815	19.125	274.400	40484.102	45601.094	29.810	31008.746
24.701	1.021	14.704						
11/19/2016 12:45:00 PM	312300.000	121.821	19.127	274.414	40529.078	45650.039	29.845	31042.029
24.674	1.021	14.704						
11/19/2016 1:00:00 PM	313200.000	121.809	19.128	274.386	40512.063	45630.098	29.831	31028.469
24.684	1.021	14.710						
11/19/2016 1:15:00 PM	314100.000	121.857	19.125	274.495	40487.844	45605.816	29.813	31011.957
24.699	1.021	14.697						
11/19/2016 1:30:00 PM	315000.000	121.876	19.130	274.538	40479.531	45591.141	29.803	31001.979
24.704	1.021	14.699						
11/19/2016 1:45:00 PM	315900.000	121.885	19.121	274.558	40486.734	45608.070	29.814	31013.490
24.699	1.021	14.699						
11/19/2016 2:00:00 PM	316800.000	121.853	19.123	274.485	40482.855	45601.219	29.810	31008.830
24.702	1.021	14.696						
11/19/2016 2:15:00 PM	317700.000	121.835	19.127	274.446	40516.137	45635.281	29.835	31031.994
24.682	1.021	14.700						
11/19/2016 2:30:00 PM	318600.000	121.846	19.128	274.469	40507.555	45624.770	29.827	31024.846
24.687	1.021	14.698						
11/19/2016 2:45:00 PM	319500.000	121.836	19.127	274.447	40510.250	45628.137	29.829	31027.135
24.685	1.021	14.694						
11/19/2016 3:00:00 PM	320400.000	121.805	19.139	274.378	40522.207	45630.563	29.832	31028.783
24.678	1.021	14.699						
11/19/2016 3:15:00 PM	321300.000	121.771	19.135	274.301	40508.770	45618.945	29.823	31020.883
24.686	1.021	14.698						
11/19/2016 3:30:00 PM	322200.000	121.778	19.129	274.318	40496.836	45612.008	29.818	31016.166
24.693	1.021	14.699						
11/19/2016 3:45:00 PM	323100.000	121.710	19.121	274.164	40497.898	45620.820	29.824	31022.160
24.693	1.021	14.699						
11/19/2016 4:00:00 PM	324000.000	121.655	19.124	274.040	40533.473	45657.988	29.851	31047.434
24.671	1.021	14.702						
11/19/2016 4:15:00 PM	324900.000	121.681	19.124	274.097	40486.457	45604.773	29.812	31011.248
24.700	1.021	14.700						
11/19/2016 4:30:00 PM	325800.000	121.602	19.130	273.921	40524.340	45641.266	29.839	31036.063
24.677	1.021	14.696						
11/19/2016 4:45:00 PM	326700.000	121.596	19.126	273.906	40494.211	45611.621	29.817	31015.904
24.695	1.021	14.694						
11/19/2016 5:00:00 PM	327600.000	121.556	19.124	273.817	40458.074	45572.887	29.789	30989.564
24.717	1.021	14.698						
11/19/2016 5:15:00 PM	328500.000	121.455	19.128	273.590	40478.910	45591.902	29.803	31002.494
24.704	1.021	14.693						
11/19/2016 5:30:00 PM	329400.000	121.426	19.136	273.523	40508.789	45618.016	29.822	31020.252
24.686	1.021	14.696						
11/19/2016 5:45:00 PM	330300.000	121.362	19.140	273.380	40518.184	45624.754	29.827	31024.834
24.680	1.021	14.700						
11/19/2016 6:00:00 PM	331200.000	121.331	19.131	273.310	40508.984	45623.379	29.826	31023.898
24.686	1.021	14.699						
11/19/2016 6:15:00 PM	332100.000	121.239	19.127	273.103	40485.883	45601.633	29.810	31009.113
24.700	1.021	14.700						
11/19/2016 6:30:00 PM	333000.000	121.239	19.122	273.104	40513.477	45637.352	29.836	31033.400
24.683	1.021	14.697						
11/19/2016 6:45:00 PM	333900.000	121.229	19.132	273.081	40491.988	45603.547	29.812	31010.414
24.696	1.021	14.706						
11/19/2016 7:00:00 PM	334800.000	121.169	19.142	272.944	40498.563	45601.199	29.810	31008.818
24.692	1.021	14.705						
11/19/2016 7:15:00 PM	335700.000	121.143	19.138	272.885	40509.219	45616.203	29.821	31019.018
24.686	1.021	14.708						
11/19/2016 7:30:00 PM	336600.000	121.098	19.138	272.785	40494.273	45599.617	29.809	31007.742
24.695	1.021	14.706						
11/19/2016 7:45:00 PM	337500.000	121.067	19.136	272.715	40508.680	45617.891	29.822	31020.168
24.686	1.021	14.709						
11/19/2016 8:00:00 PM	338400.000	121.017	19.127	272.603	40471.813	45585.359	29.798	30998.0

11/19/2016 8:45:00 PM	341100.000	120.977	19.134	272.512	40508.039	45619.566	29.823	31021.307
24.686	1.021	14.709						
11/19/2016 9:00:00 PM	342000.000	120.978	19.133	272.515	40499.676	45610.672	29.817	31015.258
24.692	1.021	14.708						
11/19/2016 9:15:00 PM	342900.000	120.944	19.118	272.438	40512.621	45640.500	29.838	31035.543
24.684	1.021	14.714						
11/19/2016 9:30:00 PM	343800.000	120.965	19.116	272.485	40463.879	45586.695	29.799	30998.955
24.713	1.021	14.713						
11/19/2016 9:45:00 PM	344700.000	120.949	19.123	272.450	40475.688	45593.922	29.804	31003.867
24.706	1.021	14.710						
11/19/2016 10:00:00 PM	345600.000	120.971	19.116	272.499	40460.375	45582.930	29.796	30996.393
24.716	1.021	14.711						
11/19/2016 10:15:00 PM	346500.000	121.047	19.112	272.669	40486.270	45616.559	29.820	31019.260
24.700	1.021	14.710						
11/19/2016 10:30:00 PM	347400.000	121.026	19.110	272.623	40451.691	45579.559	29.793	30994.100
24.721	1.021	14.714						
11/19/2016 10:45:00 PM	348300.000	121.045	19.117	272.666	40478.000	45602.262	29.810	31009.541
24.705	1.021	14.716						
11/19/2016 11:00:00 PM	349200.000	121.085	19.126	272.756	40479.695	45594.918	29.805	31004.547
24.704	1.021	14.711						
11/19/2016 11:15:00 PM	350100.000	121.138	19.117	272.876	40474.844	45598.965	29.808	31007.297
24.707	1.021	14.712						
11/19/2016 11:30:00 PM	351000.000	121.163	19.119	272.931	40492.824	45616.992	29.821	31019.557
24.696	1.021	14.706						
11/19/2016 11:45:00 PM	351900.000	121.205	19.117	273.026	40479.379	45603.215	29.811	31010.188
24.704	1.021	14.705						
11/20/2016 12:00:00 AM	352800.000	121.235	19.117	273.093	40471.453	45594.965	29.805	31004.578
24.709	1.021	14.708						
11/20/2016 12:15:00 AM	353700.000	121.297	19.120	273.232	40487.105	45609.695	29.816	31014.596
24.699	1.021	14.705						
11/20/2016 12:30:00 AM	354600.000	121.348	19.126	273.347	40513.598	45633.195	29.833	31030.572
24.683	1.021	14.709						
11/20/2016 12:45:00 AM	355500.000	121.372	19.120	273.402	40461.770	45580.465	29.794	30994.719
24.715	1.021	14.702						
11/20/2016 1:00:00 AM	356400.000	121.438	19.119	273.551	40489.922	45613.559	29.818	31017.221
24.698	1.021	14.701						
11/20/2016 1:15:00 AM	357300.000	121.450	19.129	273.579	40505.961	45621.852	29.825	31022.861
24.688	1.021	14.706						
11/20/2016 1:30:00 AM	358200.000	121.498	19.128	273.687	40479.645	45593.336	29.804	31003.469
24.704	1.021	14.705						
11/20/2016 1:45:00 AM	359100.000	121.548	19.126	273.798	40497.051	45614.301	29.819	31017.727
24.693	1.021	14.702						
11/20/2016 2:00:00 AM	360000.000	121.603	19.129	273.922	40511.406	45628.074	29.829	31027.092
24.684	1.021	14.708						
11/20/2016 2:15:00 AM	360900.000	121.638	19.124	274.001	40474.137	45590.809	29.802	31001.750
24.707	1.021	14.707						
11/20/2016 2:30:00 AM	361800.000	121.648	19.125	274.025	40498.750	45617.160	29.821	31019.670
24.692	1.021	14.706						
11/20/2016 2:45:00 AM	362700.000	121.695	19.130	274.130	40486.211	45598.922	29.808	31007.270
24.700	1.021	14.705						
11/20/2016 3:00:00 AM	363600.000	121.731	19.125	274.210	40515.043	45635.773	29.835	31032.328
24.682	1.021	14.704						
11/20/2016 3:15:00 AM	364500.000	121.765	19.122	274.288	40507.891	45630.715	29.831	31028.889
24.687	1.021	14.703						
11/20/2016 3:30:00 AM	365400.000	121.745	19.118	274.243	40469.418	45591.313	29.802	31002.096
24.710	1.021	14.698						
11/20/2016 3:45:00 AM	366300.000	121.808	19.120	274.384	40481.102	45602.414	29.810	31009.645
24.703	1.021	14.700						
11/20/2016 4:00:00 AM	367200.000	121.827	19.133	274.427	40488.152	45598.031	29.808	31006.664
24.699	1.021	14.697						
11/20/2016 4:15:00 AM	368100.000	121.788	19.131	274.339	40479.543	45590.391	29.802	31001.469
24.704	1.021	14.697						
11/20/2016 4:30:00 AM	369000.000	121.800	19.124	274.367	40469.129	45584.992	29.798	30997.797
24.710	1.021	14.702						
11/20/2016 4:45:00 AM	369900.000	121.779	19.122	274.319	40485.090	45605.457	29.813	31011.713
24.700	1.021	14.697						
11/20/2016 5:00:00 AM	370800.000	121.770	19.123	274.298	40486.680	45605.969	29.813	31012.061
24.699	1.021	14.698						
11/20/2016 5:15:00 AM	371700.000	121.753	19.130	274.261	40481.398	45593.426	29.804	31003.531
24.703	1.021	14.698						
11/20/2016 5:30:00 AM	372600.000	121.702	19.129	274.146	40499.789	45614.391	29.819	31017.785
24.691	1.021	14.697						
11/20/2016 5:45:00 AM	373500.000	121.688	19.130	274.114	40506.961	45622.379	29.825	31023.221
24.687	1.021	14.700						
11/20/2016 6:00:00 AM	374400.000	121.728	19.131	274.203	40476.684	45586.746	29.799	30998.988
24.706	1.021	14.700						
11/20/2016 6:15:00 AM	375300.000	121.762	19.130	274.280	40487.668	45600.398	29.809	31008.271
24.699	1.021	14.707						
11/20/2016 6:30:00 AM	376200.000	121.731	19.122	274.210	40493.488	45614.652	29.819	31017.967
24.695	1.021	14.701						
11/20/2016 6:45:00 AM	377100.000	121.644	19.130	274.014	40467.508	45577.344	29.792	30992.596
24.711	1.021	14.705						
11/20/2016 7:00:00 AM	378000.000	121.652	19.127	274.034	40494.531	45610.945	29.817	31015.445
24.695	1.021	14.703						
11/20/2016 7:15:00 AM	378900.000	121.629	19.124	273.981	40488.270	45606.391	29.813	31012.346
24.699	1.021	14.710						
11/20/2016 7:30:00 AM	379800.000	121.574	19.136	273.858	40475.617	45580.922	29.795	30995.029
24.706	1.021	14.709						
11/20/2016 7:45:00 AM	380700.000	121.518	19.128	273.731	40490.215	45604.887	29.812	31011.326
24.697	1.021	14.704						
11/20/2016 8:00:00 AM	381600.000	121.569	19.123	273.846	40503.684	45625.371	29.827	31025.254
24.689	1.021	14.702						
11/20/2016 8:15:00 AM	382500.000	121.516	19.126	273.727	40457.891	45570.449	29.787	30987.908
24.717	1.021	14.706						
11/20/2016 8:30:00 AM	383400.000	121.503	19.132	273.698	40528.754	45644.879	29.842	31038.520
24.674	1.021	14.711						
11/20/2016 8:45:00 AM	384300.000	121.534	19.137	273.768	40483.879	45589.461	29.802	31000.836
24.701	1.021	14.707						
11/20/2016 9:00:00 AM	385200.000	121.530	19.131	273.759	40483.363	45594.523	29.805	31004.275
24.702	1.021	14.713						
11/20/2016 9:15:00 AM	386100.000	121.482	19.137	273.649	40502.785	45610.238	29.817	31014.965
24.690	1.021	14.710						
11/20/2016 9:30:00 AM	387000.000	121.510	19.127	273.714	40484.363	45599.422	29.808	31007.609
24.701	1.021	14.706						
11/20/2016 9:45:00 AM	387900.000	121.504	19.123	273.699	40468.652	45585.309	29.798	30998.010
24.710	1.021	14.708						
11/20/2016 10:00:00 AM	388800.000	121.495	19.122	273.680	40476.516	45595.969	29.806	31005.260
24.706	1.021	14.711						
11/20/2016 10:15:00 AM	389700.000	121.553	19.134	273.810	40502.305	45613.199	29.819	31016.977
24.690	1.021	14.702						
11/20/2016 10:30:00 AM	390600.000	121.541	19.131	273.783	40516.625	45631.555	29.832	31029.459
24.681	1.021	14.705						
11/20/2016 10:45:00 AM	391500.000	121.508	19.131	273.708	40524.953	45641.020	29.839	31035.896
24.676	1.021	14.713						
11/20/2016 11:00:00 AM	392400.000	121.507	19.123	273.706	40454.844	45569.664	29.787	30987.373
24.719	1.021	14.710						
11/20/2016 11:15:00 AM	393300.000	121.586	19.130	273.884	40467.074	45577.109	29.792	30992.438
24.711	1.021	14.708						
11/20/2016 11:30:00 AM	394200.000	121.582	19.120	273.875	40459.113	45577.391	29.792	30992.627
24.716	1.021	14.704						
11/20/2016 11:45:00 AM	395100.000	121.599	19.134	273.914	40505.406	45616.359	29.821	31019.127
24.688	1.021	14.696						
11/20/2016 12:00:00 PM	396000.000	121.587	19.140	273.886	40469.840	45570.316	29.788	30987.818
24.710	1.021	14.697						
11/20/2016 12:15:00 PM	396900.000	121.586	19.126	273.885	40478.406	45593.820	29.804	31003.799
24.705	1.021	14.700						
11/20/2016 12:30:00 PM	397800.000	121.619	19.127	273.959	40486.598	45602.273	29.810	31009.549
24.700	1.021	14.696						
11/20/2016 12:45:00 PM	398700.000	121.693	19.124	274.125	40484.113	45601.953	29.8	

24.701	1.021	14.697					
11/20/2016 1:30:00 PM	401400.000	121.718	19.131	274.181	40530.113	45646.746	29.843
24.673	1.021	14.685					
11/20/2016 1:45:00 PM	402300.000	121.815	19.121	274.400	40511.031	45635.277	29.834
24.685	1.021	14.684					
11/20/2016 2:00:00 PM	403200.000	121.830	19.123	274.434	40486.828	45606.289	29.813
24.699	1.021	14.680					
11/20/2016 2:15:00 PM	404100.000	121.805	19.112	274.378	40454.090	45580.379	29.794
24.719	1.021	14.676					
11/20/2016 2:30:00 PM	405000.000	121.777	19.118	274.314	40462.852	45583.840	29.797
24.714	1.021	14.680					
11/20/2016 2:45:00 PM	405900.000	121.817	19.122	274.405	40489.699	45610.223	29.816
24.696	1.021	14.679					
11/20/2016 3:00:00 PM	406800.000	121.843	19.123	274.463	40470.352	45587.313	29.799
24.709	1.021	14.674					
11/20/2016 3:15:00 PM	407700.000	121.801	19.126	274.368	40495.355	45612.734	29.818
24.694	1.021	14.683					
11/20/2016 3:30:00 PM	408600.000	121.815	19.122	274.399	40473.289	45591.391	29.802
24.708	1.021	14.681					
11/20/2016 3:45:00 PM	409500.000	121.846	19.122	274.471	40495.594	45617.379	29.821
24.694	1.021	14.682					
11/20/2016 4:00:00 PM	410400.000	121.756	19.121	274.267	40489.176	45610.578	29.816
24.698	1.021	14.681					
11/20/2016 4:15:00 PM	411300.000	121.778	19.131	274.317	40508.227	45622.613	29.825
24.686	1.021	14.680					
11/20/2016 4:30:00 PM	412200.000	121.763	19.130	274.282	40507.734	45622.406	29.825
24.687	1.021	14.682					
11/20/2016 4:45:00 PM	413100.000	121.786	19.123	274.336	40498.680	45619.820	29.823
24.692	1.021	14.674					
11/20/2016 5:00:00 PM	414000.000	121.703	19.121	274.149	40507.832	45631.836	29.832
24.687	1.021	14.677					
11/20/2016 5:15:00 PM	414900.000	121.644	19.121	274.015	40479.008	45598.949	29.808
24.704	1.021	14.678					
11/20/2016 5:30:00 PM	415800.000	121.614	19.113	273.948	40450.105	45574.172	29.789
24.722	1.021	14.680					
11/20/2016 5:45:00 PM	416700.000	121.627	19.117	273.976	40484.918	45610.055	29.816
24.701	1.021	14.684					
11/20/2016 6:00:00 PM	417600.000	121.622	19.115	273.966	40487.082	45614.035	29.819
24.699	1.021	14.685					
11/20/2016 6:15:00 PM	418500.000	121.567	19.120	273.842	40485.891	45607.727	29.814
24.700	1.021	14.689					
11/20/2016 6:30:00 PM	419400.000	121.493	19.123	273.675	40486.004	45605.363	29.813
24.700	1.021	14.684					
11/20/2016 6:45:00 PM	420300.000	121.405	19.116	273.476	40479.922	45605.707	29.812
24.704	1.021	14.685					
11/20/2016 7:00:00 PM	421200.000	121.433	19.118	273.539	40498.531	45624.625	29.826
24.692	1.021	14.689					
11/20/2016 7:15:00 PM	422100.000	121.329	19.137	273.306	40494.793	45601.832	29.811
24.695	1.021	14.689					
11/20/2016 7:30:00 PM	423000.000	121.307	19.127	273.256	40493.238	45609.754	29.816
24.695	1.021	14.686					
11/20/2016 7:45:00 PM	423900.000	121.378	19.119	273.417	40499.625	45624.652	29.826
24.692	1.021	14.683					
11/20/2016 8:00:00 PM	424800.000	121.252	19.132	273.132	40514.621	45628.617	29.830
24.682	1.021	14.695					
11/20/2016 8:15:00 PM	425700.000	121.254	19.121	273.136	40490.598	45612.262	29.817
24.697	1.021	14.691					
11/20/2016 8:30:00 PM	426600.000	121.164	19.122	272.934	40486.664	45606.711	29.813
24.699	1.021	14.691					
11/20/2016 8:45:00 PM	427500.000	121.143	19.124	272.886	40507.988	45628.848	29.830
24.686	1.021	14.693					
11/20/2016 9:00:00 PM	428400.000	121.150	19.116	272.901	40471.711	45595.520	29.805
24.709	1.021	14.694					
11/20/2016 9:15:00 PM	429300.000	121.109	19.123	272.810	40491.820	45612.094	29.817
24.696	1.021	14.693					
11/20/2016 9:30:00 PM	430200.000	121.105	19.120	272.801	40488.488	45610.902	29.816
24.696	1.021	14.687					
11/20/2016 9:45:00 PM	431100.000	121.113	19.120	272.819	40486.965	45609.449	29.815
24.699	1.021	14.693					
11/20/2016 10:00:00 PM	432000.000	121.105	19.120	272.802	40497.035	45620.711	29.824
24.693	1.021	14.691					
11/20/2016 10:15:00 PM	432900.000	121.061	19.128	272.703	40474.586	45587.285	29.800
24.707	1.021	14.696					
11/20/2016 10:30:00 PM	433800.000	121.091	19.116	272.770	40450.160	45571.840	29.788
24.722	1.021	14.696					
11/20/2016 10:45:00 PM	434700.000	121.113	19.115	272.818	40484.125	45610.793	29.816
24.701	1.021	14.696					
11/20/2016 11:00:00 PM	435600.000	121.119	19.112	272.833	40469.723	45597.559	29.806
24.710	1.021	14.703					
11/20/2016 11:15:00 PM	436500.000	121.106	19.114	272.803	40450.547	45573.988	29.789
24.722	1.021	14.708					
11/20/2016 11:30:00 PM	437400.000	121.131	19.117	272.860	40483.398	45608.344	29.814
24.701	1.021	14.705					
11/20/2016 11:45:00 PM	438300.000	121.169	19.117	272.945	40497.074	45623.492	29.825
24.693	1.021	14.701					
11/21/2016 12:00:00 AM	439200.000	121.238	19.115	273.101	40466.926	45591.844	29.802
24.712	1.021	14.701					
11/21/2016 12:15:00 AM	440100.000	121.256	19.116	273.141	40489.090	45615.875	29.820
24.698	1.021	14.701					
11/21/2016 12:30:00 AM	441000.000	121.288	19.115	273.213	40483.301	45610.293	29.816
24.702	1.021	14.707					
11/21/2016 12:45:00 AM	441900.000	121.305	19.116	273.251	40494.855	45621.773	29.824
24.694	1.021	14.704					
11/21/2016 1:00:00 AM	442800.000	121.357	19.120	273.369	40523.902	45650.547	29.845
24.677	1.021	14.699					
11/21/2016 1:15:00 AM	443700.000	121.392	19.120	273.448	40444.813	45562.141	29.781
24.725	1.021	14.707					
11/21/2016 1:30:00 AM	444600.000	121.485	19.118	273.658	40495.613	45621.250	29.824
24.694	1.021	14.711					
11/21/2016 1:45:00 AM	445500.000	121.483	19.118	273.653	40486.578	45610.727	29.816
24.700	1.021	14.706					
11/21/2016 2:00:00 AM	446400.000	121.495	19.123	273.680	40479.484	45597.934	29.807
24.704	1.021	14.711					
11/21/2016 2:15:00 AM	447300.000	121.556	19.126	273.816	40513.281	45633.438	29.833
24.683	1.021	14.706					
11/21/2016 2:30:00 AM	448200.000	121.611	19.117	273.942	40511.371	45639.766	29.837
24.684	1.021	14.711					
11/21/2016 2:45:00 AM	449100.000	121.698	19.120	274.136	40487.004	45609.328	29.815
24.699	1.021	14.711					
11/21/2016 3:00:00 AM	450000.000	121.684	19.121	274.105	40465.320	45583.531	29.797
24.713	1.021	14.722					
11/21/2016 3:15:00 AM	450900.000	121.716	19.121	274.177	40459.984	45577.773	29.792
24.716	1.021	14.710					
11/21/2016 3:30:00 AM	451800.000	121.745	19.118	274.242	40497.059	45622.375	29.825
24.693	1.021	14.713					
11/21/2016 3:45:00 AM	452700.000	121.792	19.118	274.349	40485.668	45609.965	29.816
24.700	1.021	14.711					
11/21/2016 4:00:00 AM	453600.000	121.812	19.120	274.393	40476.652	45597.750	29.807
24.706	1.021	14.712					
11/21/2016 4:15:00 AM	454500.000	121.809	19.122	274.387	40485.605	45605.520	29.813
24.700	1.021	14.721					
11/21/2016 4:30:00 AM	455400.000	121.865	19.118	274.513	40507.535	45634.082	29.833
24.687	1.021	14.718					
11/21/2016 4:45:00 AM	456300.000	121.853	19.122	274.486	40465.383	45583.086	29.796
24.712	1.021	14.718					
11/21/2016 5:00:00 AM	457200.000	121.886	19.118	274.561	40509.801	45636.809	29.835
24.685	1.021	14.716					
11/21/2016 5:15:00 AM	458100.000	121.835	19.118	274.445	40481.344	45604.672	29.812
24.703	1.021	14.725					
11/21/2016 5:30:00 AM	459000.000	121.878	19.123	274.543	40480.277	45598.492	29.808
24.703	1.021	14.724					
11/21/2016 5:45:00 AM	459900.000	121.849	19.125	274.477	40499.973	45619.398	29.823
24.691	1.021	14.722					

31039.789

31031.990

31012.279

30994.660

30997.014

31014.951

30999.375

31016.660

31002.148

31019.818

31015.193

31023.379

31023.236

31021.480

31029.650

31007.285

30990.438

31014.840

31017.545

11/21/2016 6:00:00 AM	460800.000	121.832	19.131	274.440	40485.902	45597.637	29.807	31006.393
24.700	1.021	14.731						
11/21/2016 6:15:00 AM	461700.000	121.827	19.135	274.427	40480.125	45586.594	29.799	30998.887
24.703	1.021	14.730						
11/21/2016 6:30:00 AM	462600.000	121.838	19.137	274.452	40518.848	45628.578	29.830	31027.436
24.680	1.021	14.733						
11/21/2016 6:45:00 AM	463500.000	121.818	19.124	274.407	40519.371	45641.848	29.839	31036.459
24.680	1.021	14.738						
11/21/2016 7:00:00 AM	464400.000	121.781	19.119	274.324	40497.535	45621.789	29.824	31022.818
24.693	1.021	14.742						
11/21/2016 7:15:00 AM	465300.000	121.739	19.122	274.228	40499.063	45621.113	29.824	31022.359
24.692	1.021	14.746						
11/21/2016 7:30:00 AM	466200.000	121.755	19.125	274.264	40492.184	45610.027	29.816	31014.820
24.696	1.021	14.746						
11/21/2016 7:45:00 AM	467100.000	121.706	19.135	274.154	40491.691	45599.539	29.809	31007.689
24.696	1.021	14.745						
11/21/2016 8:00:00 AM	468000.000	121.684	19.126	274.106	40474.188	45588.715	29.801	31000.328
24.707	1.021	14.752						
11/21/2016 8:15:00 AM	468900.000	121.659	19.122	274.048	40493.008	45614.465	29.819	31017.838
24.696	1.021	14.755						
11/21/2016 8:30:00 AM	469800.000	121.655	19.123	274.039	40509.887	45632.355	29.832	31030.002
24.685	1.021	14.756						
11/21/2016 8:45:00 AM	470700.000	121.607	19.112	273.931	40508.020	45640.367	29.838	31035.449
24.686	1.021	14.758						
11/21/2016 9:00:00 AM	471600.000	121.587	19.114	273.886	40516.750	45649.176	29.844	31041.441
24.681	1.021	14.763						
11/21/2016 9:15:00 AM	472500.000	121.570	19.122	273.849	40485.641	45606.250	29.813	31012.250
24.700	1.021	14.756						
11/21/2016 9:30:00 AM	473400.000	121.566	19.116	273.840	40506.250	45635.211	29.834	31031.943
24.688	1.021	14.760						
11/21/2016 9:45:00 AM	474300.000	121.553	19.119	273.810	40476.109	45598.164	29.807	31006.754
24.706	1.021	14.764						
11/21/2016 10:00:00 AM	475200.000	121.531	19.113	273.760	40462.520	45588.676	29.800	31000.301
24.714	1.021	14.761						
11/21/2016 10:15:00 AM	476100.000	121.518	19.110	273.731	40479.344	45610.715	29.816	31015.289
24.704	1.021	14.764						
11/21/2016 10:30:00 AM	477000.000	121.507	19.115	273.706	40484.617	45611.438	29.817	31015.779
24.701	1.021	14.764						
11/21/2016 10:45:00 AM	477900.000	121.511	19.112	273.715	40478.289	45606.867	29.813	31012.670
24.705	1.021	14.766						
11/21/2016 11:00:00 AM	478800.000	121.520	19.110	273.735	40464.945	45594.148	29.804	31004.023
24.713	1.021	14.765						
11/21/2016 11:15:00 AM	479700.000	121.507	19.121	273.707	40500.273	45622.813	29.825	31023.516
24.691	1.021	14.764						
11/21/2016 11:30:00 AM	480600.000	121.496	19.120	273.681	40507.375	45632.617	29.832	31030.182
24.687	1.021	14.766						
11/21/2016 11:45:00 AM	481500.000	121.523	19.109	273.742	40500.625	45635.121	29.834	31031.885
24.691	1.021	14.761						
11/21/2016 12:00:00 PM	482400.000	121.510	19.116	273.713	40464.770	45588.477	29.800	31000.166
24.713	1.021	14.760						
11/21/2016 12:15:00 PM	483300.000	121.546	19.117	273.795	40489.215	45614.297	29.819	31017.725
24.686	1.021	14.759						
11/21/2016 12:30:00 PM	484200.000	121.554	19.112	273.812	40504.453	45636.953	29.835	31033.131
24.689	1.021	14.759						
11/21/2016 12:45:00 PM	485100.000	121.572	19.114	273.853	40478.117	45605.215	29.812	31011.549
24.705	1.021	14.762						
11/21/2016 1:00:00 PM	486000.000	121.582	19.121	273.876	40514.578	45639.355	29.837	31034.764
24.682	1.021	14.757						
11/21/2016 1:15:00 PM	486900.000	121.602	19.123	273.921	40470.012	45587.527	29.800	30999.521
24.710	1.021	14.758						
11/21/2016 1:30:00 PM	487800.000	121.611	19.110	273.940	40430.918	45556.324	29.776	30978.303
24.734	1.021	14.755						
11/21/2016 1:45:00 PM	488700.000	121.633	19.113	273.990	40497.746	45627.930	29.829	31026.992
24.683	1.021	14.759						
11/21/2016 2:00:00 PM	489600.000	121.667	19.111	274.067	40465.766	45594.555	29.804	31004.299
24.712	1.021	14.761						
11/21/2016 2:15:00 PM	490500.000	121.680	19.127	274.096	40481.586	45595.852	29.806	31005.180
24.703	1.021	14.756						
11/21/2016 2:30:00 PM	491400.000	121.717	19.117	274.180	40496.977	45623.813	29.826	31024.195
24.693	1.021	14.759						
11/21/2016 2:45:00 PM	492300.000	121.731	19.111	274.211	40497.027	45629.098	29.829	31027.789
24.693	1.021	14.759						
11/21/2016 3:00:00 PM	493200.000	121.741	19.113	274.234	40486.715	45615.418	29.819	31018.486
24.699	1.021	14.763						
11/21/2016 3:15:00 PM	494100.000	121.772	19.123	274.303	40503.895	45625.180	29.827	31025.123
24.689	1.021	14.760						
11/21/2016 3:30:00 PM	495000.000	121.740	19.123	274.231	40494.273	45614.859	29.819	31018.107
24.695	1.021	14.762						
11/21/2016 3:45:00 PM	495900.000	121.791	19.124	274.346	40465.984	45581.879	29.795	30995.680
24.712	1.021	14.769						
11/21/2016 4:00:00 PM	496800.000	121.771	19.130	274.301	40525.129	45641.996	29.840	31036.561
24.676	1.021	14.766						
11/21/2016 4:15:00 PM	497700.000	121.793	19.123	274.350	40473.621	45591.676	29.803	31002.342
24.707	1.021	14.766						
11/21/2016 4:30:00 PM	498600.000	121.785	19.124	274.332	40526.809	45650.137	29.845	31042.096
24.675	1.021	14.771						
11/21/2016 4:45:00 PM	499500.000	121.794	19.122	274.353	40476.828	45595.723	29.805	31005.092
24.705	1.021	14.765						
11/21/2016 5:00:00 PM	500400.000	121.792	19.120	274.349	40480.129	45601.836	29.810	31009.248
24.703	1.021	14.762						
11/21/2016 5:15:00 PM	501300.000	121.784	19.122	274.330	40493.793	45614.836	29.819	31018.090
24.695	1.021	14.768						
11/21/2016 5:30:00 PM	502200.000	121.754	19.112	274.262	40478.453	45607.832	29.814	31013.328
24.705	1.021	14.775						
11/21/2016 5:45:00 PM	503100.000	121.741	19.116	274.234	40512.133	45641.914	29.839	31036.502
24.684	1.021	14.775						
11/21/2016 6:00:00 PM	504000.000	121.735	19.117	274.221	40487.395	45612.508	29.817	31016.508
24.699	1.021	14.781						
11/21/2016 6:15:00 PM	504900.000	121.675	19.125	274.086	40510.738	45630.926	29.831	31029.029
24.685	1.021	14.783						
11/21/2016 6:30:00 PM	505800.000	121.656	19.119	274.042	40479.215	45601.832	29.810	31009.246
24.704	1.021	14.787						
11/21/2016 6:45:00 PM	506700.000	121.624	19.117	273.969	40466.945	45589.469	29.801	31000.842
24.712	1.021	14.786						
11/21/2016 7:00:00 PM	507600.000	121.595	19.123	273.905	40483.586	45602.301	29.810	31009.564
24.701	1.021	14.788						
11/21/2016 7:15:00 PM	508500.000	121.566	19.128	273.840	40481.203	45594.574	29.805	31004.313
24.703	1.021	14.789						
11/21/2016 7:30:00 PM	509400.000	121.537	19.134	273.774	40499.570	45609.273	29.816	31014.309
24.682	1.021	14.791						
11/21/2016 7:45:00 PM	510300.000	121.486	19.136	273.660	40530.598	45642.406	29.840	31036.836
24.673	1.021	14.799						
11/21/2016 8:00:00 PM	511200.000	121.457	19.125	273.593	40499.117	45617.836	29.822	31020.131
24.682	1.021	14.799						
11/21/2016 8:15:00 PM	512100.000	121.417	19.121	273.504	40502.496	45626.090	29.828	31025.744
24.690	1.021	14.799						
11/21/2016 8:30:00 PM	513000.000	121.383	19.119	273.427	40465.531	45586.508	29.799	30998.826
24.712	1.021	14.798						
11/21/2016 8:45:00 PM	513900.000	121.357	19.116	273.369	40506.434	45634.977	29.834	31031.785
24.687	1.021	14.807						
11/21/2016 9:00:00 PM	514800.000	121.325	19.112	273.297	40477.352	45605.984	29.813	31012.072
24.705	1.021	14.805						
11/21/2016 9:15:00 PM	515700.000	121.299	19.123	273.239	40472.098	45589.961	29.801	31001.176
24.708	1.021	14.804						
11/21/2016 9:30:00 PM	516600.000	121.261	19.120	273.152	40492.117	45614.742	29.819	31018.025
24.696	1.021	14.810						
11/21/2016 9:45:00 PM	517500.000	121.234	19.122	273.091	40489.465	45610.039	29.816	31014.828
24.698	1.021	14.810						

24.710	1.021	14.809						
11/21/2016 10:45:00 PM	521100.000	121.163	19.116	272.931	40450.023	45571.941	29.788	30988.922
24.722	1.021	14.818						
11/21/2016 11:00:00 PM	522000.000	121.156	19.112	272.915	40509.500	45642.734	29.839	31037.063
24.686	1.021	14.812						
11/21/2016 11:15:00 PM	522900.000	121.167	19.131	272.940	40503.574	45616.855	29.821	31019.465
24.689	1.021	14.811						
11/21/2016 11:30:00 PM	523800.000	121.183	19.124	272.978	40472.629	45589.449	29.801	31000.828
24.708	1.021	14.814						
11/21/2016 11:45:00 PM	524700.000	121.188	19.118	272.988	40495.309	45620.223	29.823	31021.754
24.694	1.021	14.809						
11/22/2016 12:00:00 AM	525600.000	121.197	19.120	273.009	40469.504	45589.352	29.801	31000.762
24.710	1.021	14.809						
11/22/2016 12:15:00 AM	526500.000	121.202	19.122	273.020	40504.070	45626.926	29.828	31026.313
24.689	1.021	14.815						
11/22/2016 12:30:00 AM	527400.000	121.231	19.116	273.084	40484.402	45610.594	29.816	31015.205
24.701	1.021	14.819						
11/22/2016 12:45:00 AM	528300.000	121.270	19.120	273.172	40478.766	45599.867	29.808	31007.912
24.704	1.021	14.815						
11/22/2016 1:00:00 AM	529200.000	121.272	19.124	273.177	40494.672	45614.191	29.819	31017.652
24.695	1.021	14.812						
11/22/2016 1:15:00 AM	530100.000	121.311	19.120	273.266	40472.012	45592.340	29.803	31002.793
24.708	1.021	14.810						
11/22/2016 1:30:00 AM	531000.000	121.364	19.121	273.384	40469.625	45588.637	29.800	31000.275
24.710	1.021	14.800						
11/22/2016 1:45:00 AM	531900.000	121.400	19.117	273.465	40497.805	45624.316	29.826	31024.535
24.693	1.021	14.809						
11/22/2016 2:00:00 AM	532800.000	121.444	19.115	273.565	40470.074	45595.473	29.805	31004.924
24.710	1.021	14.819						
11/22/2016 2:15:00 AM	533700.000	121.463	19.116	273.608	40480.828	45606.391	29.813	31012.346
24.703	1.021	14.816						
11/22/2016 2:30:00 AM	534600.000	121.517	19.115	273.728	40480.141	45606.133	29.813	31012.170
24.703	1.021	14.808						
11/22/2016 2:45:00 AM	535500.000	121.548	19.113	273.799	40479.738	45607.820	29.814	31013.318
24.704	1.021	14.817						
11/22/2016 3:00:00 AM	536400.000	121.593	19.117	273.901	40472.863	45596.137	29.806	31005.375
24.708	1.021	14.817						
11/22/2016 3:15:00 AM	537300.000	121.647	19.124	274.022	40479.289	45596.520	29.806	31005.635
24.704	1.021	14.809						
11/22/2016 3:30:00 AM	538200.000	121.692	19.122	274.124	40479.918	45599.457	29.808	31007.633
24.704	1.021	14.810						
11/22/2016 3:45:00 AM	539100.000	121.727	19.120	274.203	40483.191	45605.113	29.812	31011.479
24.702	1.021	14.812						
11/22/2016 4:00:00 AM	540000.000	121.755	19.133	274.264	40533.586	45649.371	29.845	31041.574
24.671	1.021	14.814						
11/22/2016 4:15:00 AM	540900.000	121.791	19.126	274.345	40521.363	45642.375	29.840	31036.816
24.678	1.021	14.814						
11/22/2016 4:30:00 AM	541800.000	121.824	19.124	274.421	40485.277	45603.180	29.811	31010.164
24.700	1.021	14.813						
11/22/2016 4:45:00 AM	542700.000	121.847	19.121	274.471	40479.484	45599.996	29.809	31008.000
24.704	1.021	14.814						
11/22/2016 5:00:00 AM	543600.000	121.862	19.125	274.507	40504.113	45623.199	29.826	31023.777
24.689	1.021	14.814						
11/22/2016 5:15:00 AM	544500.000	121.893	19.123	274.576	40506.813	45628.895	29.830	31027.650
24.687	1.021	14.820						
11/22/2016 5:30:00 AM	545400.000	121.922	19.128	274.641	40514.164	45631.863	29.832	31029.668
24.683	1.021	14.815						
11/22/2016 5:45:00 AM	546300.000	121.919	19.123	274.635	40504.004	45625.395	29.827	31025.270
24.689	1.021	14.817						
11/22/2016 6:00:00 AM	547200.000	121.908	19.124	274.609	40484.008	45602.355	29.810	31009.604
24.701	1.021	14.822						
11/22/2016 6:15:00 AM	548100.000	121.921	19.125	274.639	40503.594	45623.477	29.826	31023.967
24.689	1.021	14.816						
11/22/2016 6:30:00 AM	549000.000	121.916	19.126	274.628	40493.609	45610.516	29.816	31015.152
24.695	1.021	14.824						
11/22/2016 6:45:00 AM	549900.000	121.902	19.124	274.597	40472.488	45588.773	29.801	31000.367
24.708	1.021	14.818						
11/22/2016 7:00:00 AM	550800.000	121.883	19.125	274.553	40523.273	45645.555	29.842	31038.979
24.677	1.021	14.822						
11/22/2016 7:15:00 AM	551700.000	121.863	19.130	274.508	40509.414	45624.977	29.827	31024.986
24.686	1.021	14.826						
11/22/2016 7:30:00 AM	552600.000	121.863	19.125	274.508	40507.043	45627.273	29.829	31026.549
24.687	1.021	14.829						
11/22/2016 7:45:00 AM	553500.000	121.830	19.121	274.433	40484.227	45605.508	29.813	31011.748
24.701	1.021	14.830						
11/22/2016 8:00:00 AM	554400.000	121.808	19.116	274.383	40490.840	45617.406	29.821	31019.838
24.697	1.021	14.830						
11/22/2016 8:15:00 AM	555300.000	121.777	19.118	274.314	40490.594	45614.910	29.819	31018.141
24.687	1.021	14.829						
11/22/2016 8:30:00 AM	556200.000	121.746	19.131	274.246	40512.004	45626.434	29.828	31025.977
24.684	1.021	14.834						
11/22/2016 8:45:00 AM	557100.000	121.719	19.128	274.183	40501.984	45618.668	29.822	31020.697
24.690	1.021	14.837						
11/22/2016 9:00:00 AM	558000.000	121.692	19.138	274.124	40512.582	45620.664	29.824	31022.055
24.684	1.021	14.836						
11/22/2016 9:15:00 AM	558900.000	121.671	19.121	274.075	40493.031	45614.656	29.819	31017.969
24.696	1.021	14.838						
11/22/2016 9:30:00 AM	559800.000	121.676	19.115	274.088	40505.770	45634.926	29.834	31031.752
24.688	1.021	14.829						
11/22/2016 9:45:00 AM	560700.000	121.617	19.112	273.954	40504.043	45636.492	29.835	31032.816
24.689	1.021	14.833						
11/22/2016 10:00:00 AM	561600.000	121.579	19.121	273.868	40481.949	45602.520	29.810	31009.715
24.702	1.021	14.838						
11/22/2016 10:15:00 AM	562500.000	121.547	19.127	273.797	40519.035	45638.809	29.837	31034.391
24.680	1.021	14.836						
11/22/2016 10:30:00 AM	563400.000	121.530	19.124	273.757	40486.727	45604.895	29.812	31011.330
24.699	1.021	14.835						
11/22/2016 10:45:00 AM	564300.000	121.506	19.127	273.704	40466.512	45579.480	29.794	30994.049
24.712	1.021	14.830						
11/22/2016 11:00:00 AM	565200.000	121.495	19.124	273.679	40478.613	45595.848	29.806	31005.176
24.704	1.021	14.826						
11/22/2016 11:15:00 AM	566100.000	121.473	19.124	273.630	40519.680	45641.934	29.839	31036.516
24.679	1.021	14.829						
11/22/2016 11:30:00 AM	567000.000	121.467	19.118	273.616	40466.824	45588.391	29.800	31000.107
24.712	1.021	14.818						
11/22/2016 11:45:00 AM	567900.000	121.467	19.125	273.615	40504.863	45624.309	29.826	31024.531
24.688	1.021	14.817						
11/22/2016 12:00:00 PM	568800.000	121.440	19.123	273.556	40528.969	45653.516	29.848	31044.393
24.674	1.021	14.814						
11/22/2016 12:15:00 PM	569700.000	121.437	19.128	273.549	40490.629	45605.879	29.813	31012.000
24.697	1.021	14.807						
11/22/2016 12:30:00 PM	570600.000	121.446	19.118	273.570	40486.086	45609.832	29.816	31014.688
24.700	1.021	14.810						
11/22/2016 12:45:00 PM	571500.000	121.443	19.118	273.563	40474.961	45597.383	29.807	31006.223
24.707	1.021	14.811						
11/22/2016 1:00:00 PM	572400.000	121.461	19.116	273.602	40483.332	45609.039	29.815	31014.148
24.702	1.021	14.810						
11/22/2016 1:15:00 PM	573300.000	121.466	19.109	273.614	40472.293	45603.887	29.811	31010.645
24.708	1.021	14.808						
11/22/2016 1:30:00 PM	574200.000	121.491	19.114	273.670	40484.000	45611.758	29.817	31015.996
24.701	1.021	14.807						
11/22/2016 1:45:00 PM	575100.000	121.492	19.131	273.672	40509.473	45623.762	29.826	31024.160
24.686	1.021	14.802						
11/22/2016 2:00:00 PM	576000.000	121.529	19.128	273.757	40492.781	45608.043	29.815	31013.469
24.696	1.021	14.800						
11/22/2016 2:15:00 PM	576900.000	121.548	19.122	273.799	40487.785	45607.809	29.814	31013.311
24.699	1.021	14.803						
11/22/2016 2:30:00 PM	577800.000	121.549	19.122	273.800	40511.605	45635.152	29.834	

11/22/2016 3:15:00 PM	580500.000	1.021	121.633	19.130	273.989	40496.582	45609.930	29.816	31014.754
24.683	1.021	14.809							
11/22/2016 3:30:00 PM	581400.000	1.021	121.647	19.126	274.022	40480.953	45596.512	29.806	31005.631
24.703	1.021	14.811							
11/22/2016 3:45:00 PM	582300.000	1.021	121.681	19.123	274.098	40511.641	45633.820	29.833	31031.000
24.684	1.021	14.805							
11/22/2016 4:00:00 PM	583200.000	1.021	121.695	19.119	274.129	40472.055	45593.684	29.804	31003.705
24.708	1.021	14.807							
11/22/2016 4:15:00 PM	584100.000	1.021	121.710	19.131	274.163	40517.953	45633.316	29.833	31030.656
24.680	1.021	14.809							
11/22/2016 4:30:00 PM	585000.000	1.021	121.737	19.124	274.226	40479.531	45597.316	29.807	31006.178
24.704	1.021	14.809							
11/22/2016 4:45:00 PM	585900.000	1.021	121.754	19.125	274.262	40489.281	45607.355	29.814	31013.004
24.698	1.021	14.813							
11/22/2016 5:00:00 PM	586800.000	1.021	121.759	19.126	274.274	40506.051	45624.695	29.827	31024.793
24.688	1.021	14.809							
11/22/2016 5:15:00 PM	587700.000	1.021	121.771	19.125	274.300	40480.840	45597.848	29.807	31006.539
24.703	1.021	14.812							
11/22/2016 5:30:00 PM	588600.000	1.021	121.766	19.125	274.289	40483.465	45600.805	29.809	31008.549
24.701	1.021	14.809							
11/22/2016 5:45:00 PM	589500.000	1.021	121.784	19.129	274.330	40463.281	45574.043	29.790	30990.352
24.714	1.021	14.811							
11/22/2016 6:00:00 PM	590400.000	1.021	121.762	19.137	274.281	40499.750	45606.902	29.814	31012.695
24.692	1.021	14.814							
11/22/2016 6:15:00 PM	591300.000	1.021	121.766	19.144	274.290	40506.016	45607.281	29.815	31012.953
24.688	1.021	14.813							
11/22/2016 6:30:00 PM	592200.000	1.021	121.754	19.134	274.262	40538.262	45653.605	29.848	31044.453
24.668	1.021	14.814							
11/22/2016 6:45:00 PM	593100.000	1.021	121.747	19.125	274.246	40473.930	45590.145	29.802	31001.301
24.707	1.021	14.807							
11/22/2016 7:00:00 PM	594000.000	1.021	121.732	19.122	274.213	40492.219	45613.063	29.818	31016.885
24.696	1.021	14.809							
11/22/2016 7:15:00 PM	594900.000	1.021	121.691	19.122	274.121	40509.406	45632.422	29.832	31030.049
24.686	1.021	14.813							
11/22/2016 7:30:00 PM	595800.000	1.021	121.660	19.132	274.051	40482.797	45593.031	29.804	31003.264
24.702	1.021	14.815							
11/22/2016 7:45:00 PM	596700.000	1.021	121.652	19.133	274.034	40513.098	45625.945	29.828	31025.645
24.683	1.021	14.810							
11/22/2016 8:00:00 PM	597600.000	1.021	121.631	19.118	273.987	40490.113	45615.055	29.819	31018.240
24.697	1.021	14.814							
11/22/2016 8:15:00 PM	598500.000	1.021	121.585	19.119	273.882	40480.516	45603.125	29.811	31010.127
24.703	1.021	14.814							
11/22/2016 8:30:00 PM	599400.000	1.021	121.556	19.118	273.818	40508.660	45635.266	29.834	31031.982
24.686	1.021	14.808							
11/22/2016 8:45:00 PM	600300.000	1.021	121.524	19.123	273.744	40503.469	45624.438	29.826	31024.617
24.689	1.021	14.813							
11/22/2016 9:00:00 PM	601200.000	1.021	121.496	19.129	273.682	40510.406	45626.777	29.828	31026.211
24.685	1.021	14.807							
11/22/2016 9:15:00 PM	602100.000	1.021	121.463	19.129	273.608	40515.852	45632.910	29.833	31030.381
24.682	1.021	14.812							
11/22/2016 9:30:00 PM	603000.000	1.021	121.429	19.126	273.531	40495.754	45613.094	29.818	31016.904
24.694	1.021	14.809							
11/22/2016 9:45:00 PM	603900.000	1.021	121.402	19.124	273.469	40489.934	45608.855	29.815	31014.023
24.697	1.021	14.807							
11/22/2016 10:00:00 PM	604800.000	1.021	121.388	19.121	273.438	40481.484	45601.828	29.810	31009.244
24.703	1.021	14.809							
11/22/2016 10:15:00 PM	605700.000	1.021	121.345	19.129	273.342	40477.457	45589.320	29.801	31000.740
24.705	1.021	14.815							
11/22/2016 10:30:00 PM	606600.000	1.021	121.328	19.137	273.303	40517.855	45626.945	29.829	31026.324
24.680	1.021	14.811							
11/22/2016 10:45:00 PM	607500.000	1.021	121.300	19.140	273.240	40513.348	45619.465	29.824	31021.238
24.683	1.021	14.814							
11/22/2016 11:00:00 PM	608400.000	1.021	121.268	19.128	273.169	40527.008	45646.594	29.843	31039.684
24.675	1.021	14.816							
11/22/2016 11:15:00 PM	609300.000	1.021	121.257	19.136	273.144	40529.320	45641.137	29.839	31035.975
24.673	1.021	14.814							
11/22/2016 11:30:00 PM	610200.000	1.021	121.257	19.133	273.144	40530.699	45645.766	29.842	31039.121
24.673	1.021	14.810							
11/22/2016 11:45:00 PM	611100.000	1.021	121.253	19.120	273.134	40507.418	45632.742	29.832	31030.268
24.687	1.021	14.807							
11/23/2016 12:00:00 AM	612000.000	1.021	121.261	19.117	273.153	40464.695	45587.531	29.799	30999.523
24.713	1.021	14.808							
11/23/2016 12:15:00 AM	612900.000	1.021	121.244	19.117	273.115	40499.020	45625.340	29.827	31025.232
24.692	1.021	14.818							
11/23/2016 12:30:00 AM	613800.000	1.021	121.255	19.120	273.139	40479.746	45601.570	29.810	31009.070
24.704	1.021	14.812							
11/23/2016 12:45:00 AM	614700.000	1.021	121.272	19.122	273.176	40452.152	45568.352	29.786	30986.480
24.721	1.021	14.805							
11/23/2016 1:00:00 AM	615600.000	1.021	121.287	19.126	273.212	40504.695	45623.430	29.826	31023.934
24.688	1.021	14.801							
11/23/2016 1:15:00 AM	616500.000	1.021	121.310	19.119	273.263	40494.734	45619.055	29.822	31020.957
24.695	1.021	14.804							
11/23/2016 1:30:00 AM	617400.000	1.021	121.333	19.120	273.315	40482.715	45604.398	29.812	31010.994
24.702	1.021	14.803							
11/23/2016 1:45:00 AM	618300.000	1.021	121.356	19.120	273.366	40488.059	45610.168	29.816	31014.916
24.699	1.021	14.810							
11/23/2016 2:00:00 AM	619200.000	1.021	121.407	19.113	273.482	40477.383	45605.766	29.812	31011.922
24.705	1.021	14.809							
11/23/2016 2:15:00 AM	620100.000	1.021	121.408	19.119	273.484	40472.227	45593.359	29.804	31003.486
24.706	1.021	14.818							
11/23/2016 2:30:00 AM	621000.000	1.021	121.466	19.121	273.613	40516.902	45641.547	29.839	31036.254
24.681	1.021	14.818							
11/23/2016 2:45:00 AM	621900.000	1.021	121.494	19.123	273.677	40504.410	45625.941	29.828	31025.643
24.689	1.021	14.812							
11/23/2016 3:00:00 AM	622800.000	1.021	121.531	19.125	273.760	40491.172	45608.797	29.815	31013.984
24.697	1.021	14.814							
11/23/2016 3:15:00 AM	623700.000	1.021	121.574	19.122	273.858	40488.965	45609.820	29.816	31014.680
24.696	1.021	14.814							
11/23/2016 3:30:00 AM	624600.000	1.021	121.637	19.120	273.999	40495.637	45618.535	29.822	31020.605
24.694	1.021	14.827							
11/23/2016 3:45:00 AM	625500.000	1.021	121.650	19.116	274.029	40487.813	45613.996	29.819	31017.520
24.699	1.021	14.831							
11/23/2016 4:00:00 AM	626400.000	1.021	121.680	19.117	274.095	40516.316	45645.090	29.841	31038.664
24.681	1.021	14.837							
11/23/2016 4:15:00 AM	627300.000	1.021	121.718	19.119	274.182	40469.477	45590.090	29.801	31001.262
24.710	1.021	14.839							
11/23/2016 4:30:00 AM	628200.000	1.021	121.763	19.119	274.284	40509.836	45635.910	29.835	31032.422
24.685	1.021	14.846							
11/23/2016 4:45:00 AM	629100.000	1.021	121.793	19.122	274.350	40511.703	45635.352	29.834	31032.039
24.684	1.021	14.845							
11/23/2016 5:00:00 AM	630000.000	1.021	121.821	19.127	274.413	40495.453	45612.250	29.818	31016.330
24.694	1.021	14.842							
11/23/2016 5:15:00 AM	630900.000	1.021	121.858	19.124	274.498	40484.188	45602.383	29.810	31009.623
24.701	1.021	14.852							
11/23/2016 5:30:00 AM	631800.000	1.021	121.860	19.125	274.502	40461.813	45576.324	29.791	30991.902
24.715	1.021	14.851							
11/23/2016 5:45:00 AM	632700.000	1.021	121.893	19.129	274.576	40485.367	45598.832	29.808	31007.207
24.700	1.021	14.853							
11/23/2016 6:00:00 AM	633600.000	1.021	121.903	19.131	274.599	40524.012	45640.215	29.838	3103

24.703	1.021	14.872						
11/23/2016 8:00:00 AM	640800.000	121.870	19.140	274.524	40487.852	45590.164	29.802	31001.314
24.699	1.021	14.877						
11/23/2016 8:15:00 AM	641700.000	121.838	19.140	274.453	40496.266	45599.891	29.809	31007.928
24.694	1.021	14.884						
11/23/2016 8:30:00 AM	642600.000	121.819	19.143	274.410	40485.781	45585.688	29.799	30998.268
24.700	1.021	14.878						
11/23/2016 8:45:00 AM	643500.000	121.789	19.128	274.342	40518.438	45636.594	29.836	31032.887
24.680	1.021	14.886						
11/23/2016 9:00:00 AM	644400.000	121.760	19.136	274.277	40536.359	45649.496	29.845	31041.660
24.669	1.021	14.887						
11/23/2016 9:15:00 AM	645300.000	121.714	19.133	274.173	40506.293	45618.281	29.822	31020.434
24.688	1.021	14.892						
11/23/2016 9:30:00 AM	646200.000	121.682	19.137	274.101	40482.469	45587.957	29.800	30999.811
24.702	1.021	14.893						
11/23/2016 9:45:00 AM	647100.000	121.672	19.134	274.079	40501.695	45612.004	29.818	31016.162
24.690	1.021	14.888						
11/23/2016 10:00:00 AM	648000.000	121.621	19.124	273.964	40492.605	45611.352	29.817	31015.721
24.696	1.021	14.894						
11/23/2016 10:15:00 AM	648900.000	121.587	19.120	273.888	40502.770	45627.430	29.828	31026.652
24.690	1.021	14.905						
11/23/2016 10:30:00 AM	649800.000	121.543	19.116	273.787	40497.109	45624.563	29.826	31024.703
24.693	1.021	14.900						
11/23/2016 10:45:00 AM	650700.000	121.510	19.117	273.714	40483.996	45608.500	29.815	31013.783
24.701	1.021	14.901						
11/23/2016 11:00:00 AM	651600.000	121.484	19.117	273.654	40485.602	45611.086	29.816	31015.541
24.700	1.021	14.897						
11/23/2016 11:15:00 AM	652500.000	121.451	19.122	273.579	40509.082	45632.484	29.832	31030.092
24.686	1.021	14.896						
11/23/2016 11:30:00 AM	653400.000	121.425	19.114	273.521	40480.211	45607.492	29.814	31013.098
24.703	1.021	14.891						
11/23/2016 11:45:00 AM	654300.000	121.394	19.110	273.452	40476.262	45606.980	29.813	31012.746
24.706	1.021	14.891						
11/23/2016 12:00:00 PM	655200.000	121.386	19.109	273.433	40471.102	45602.625	29.810	31009.787
24.709	1.021	14.890						
11/23/2016 12:15:00 PM	656100.000	121.370	19.118	273.398	40468.645	45591.039	29.802	31001.908
24.710	1.021	14.886						
11/23/2016 12:30:00 PM	657000.000	121.338	19.125	273.325	40473.254	45588.703	29.801	31000.320
24.708	1.021	14.883						
11/23/2016 12:45:00 PM	657900.000	121.339	19.120	273.327	40497.051	45620.301	29.823	31021.807
24.693	1.021	14.878						
11/23/2016 1:00:00 PM	658800.000	121.330	19.131	273.308	40476.070	45585.965	29.799	30998.459
24.706	1.021	14.873						
11/23/2016 1:15:00 PM	659700.000	121.320	19.135	273.286	40508.828	45619.609	29.823	31021.336
24.686	1.021	14.876						
11/23/2016 1:30:00 PM	660600.000	121.332	19.136	273.313	40518.281	45629.137	29.830	31027.814
24.680	1.021	14.871						
11/23/2016 1:45:00 PM	661500.000	121.344	19.137	273.339	40495.875	45602.191	29.811	31009.490
24.694	1.021	14.873						
11/23/2016 2:00:00 PM	662400.000	121.326	19.142	273.298	40517.965	45622.957	29.826	31023.613
24.680	1.021	14.877						
11/23/2016 2:15:00 PM	663300.000	121.367	19.132	273.391	40489.594	45599.996	29.809	31008.000
24.698	1.021	14.879						
11/23/2016 2:30:00 PM	664200.000	121.359	19.125	273.372	40482.863	45600.125	29.809	31008.088
24.702	1.021	14.874						
11/23/2016 2:45:00 PM	665100.000	121.385	19.137	273.432	40490.820	45597.277	29.807	31006.148
24.697	1.021	14.870						
11/23/2016 3:00:00 PM	666000.000	121.431	19.140	273.536	40473.215	45573.855	29.790	30990.225
24.708	1.021	14.872						
11/23/2016 3:15:00 PM	666900.000	121.448	19.131	273.573	40480.000	45590.391	29.802	31001.469
24.704	1.021	14.874						
11/23/2016 3:30:00 PM	667800.000	121.476	19.142	273.637	40520.246	45624.664	29.827	31024.773
24.679	1.021	14.875						
11/23/2016 3:45:00 PM	668700.000	121.505	19.136	273.702	40541.676	45654.883	29.849	31045.322
24.666	1.021	14.872						
11/23/2016 4:00:00 PM	669600.000	121.532	19.118	273.763	40479.836	45603.129	29.811	31010.131
24.704	1.021	14.871						
11/23/2016 4:15:00 PM	670500.000	121.548	19.116	273.799	40487.602	45613.422	29.818	31017.129
24.699	1.021	14.874						
11/23/2016 4:30:00 PM	671400.000	121.594	19.122	273.902	40502.258	45624.449	29.826	31024.625
24.690	1.021	14.874						
11/23/2016 4:45:00 PM	672300.000	121.597	19.117	273.910	40468.734	45591.566	29.802	31002.268
24.710	1.021	14.866						
11/23/2016 5:00:00 PM	673200.000	121.626	19.119	273.974	40456.926	45576.207	29.791	30991.820
24.718	1.021	14.875						
11/23/2016 5:15:00 PM	674100.000	121.638	19.135	274.001	40481.711	45588.637	29.801	31000.275
24.703	1.021	14.877						
11/23/2016 5:30:00 PM	675000.000	121.687	19.128	274.111	40506.176	45622.699	29.825	31023.438
24.688	1.021	14.877						
11/23/2016 5:45:00 PM	675900.000	121.691	19.124	274.122	40518.281	45640.355	29.838	31035.441
24.680	1.021	14.879						
11/23/2016 6:00:00 PM	676800.000	121.698	19.135	274.138	40476.996	45583.758	29.797	30996.955
24.705	1.021	14.892						
11/23/2016 6:15:00 PM	677700.000	121.724	19.136	274.195	40490.586	45597.695	29.808	31006.436
24.697	1.021	14.881						
11/23/2016 6:30:00 PM	678600.000	121.709	19.124	274.162	40504.270	45625.258	29.827	31025.178
24.689	1.021	14.888						
11/23/2016 6:45:00 PM	679500.000	121.733	19.128	274.215	40437.094	45544.805	29.769	30970.469
24.730	1.021	14.886						
11/23/2016 7:00:00 PM	680400.000	121.690	19.129	274.119	40505.066	45620.336	29.824	31021.830
24.688	1.021	14.889						
11/23/2016 7:15:00 PM	681300.000	121.701	19.125	274.142	40496.082	45614.926	29.820	31018.152
24.694	1.021	14.886						
11/23/2016 7:30:00 PM	682200.000	121.732	19.127	274.214	40494.160	45610.621	29.817	31015.225
24.695	1.021	14.891						
11/23/2016 7:45:00 PM	683100.000	121.669	19.133	274.070	40519.086	45632.270	29.833	31029.945
24.680	1.021	14.892						
11/23/2016 8:00:00 PM	684000.000	121.693	19.138	274.126	40538.375	45649.277	29.845	31041.512
24.668	1.021	14.891						
11/23/2016 8:15:00 PM	684900.000	121.672	19.142	274.078	40505.387	45608.625	29.816	31013.867
24.688	1.021	14.896						
11/23/2016 8:30:00 PM	685800.000	121.634	19.129	273.993	40524.121	45642.656	29.840	31037.008
24.677	1.021	14.891						
11/23/2016 8:45:00 PM	686700.000	121.595	19.120	273.904	40503.074	45627.430	29.828	31026.652
24.689	1.021	14.895						
11/23/2016 9:00:00 PM	687600.000	121.611	19.116	273.940	40469.387	45593.238	29.803	31003.404
24.710	1.021	14.892						
11/23/2016 9:15:00 PM	688500.000	121.553	19.118	273.811	40494.758	45620.113	29.823	31021.680
24.695	1.021	14.893						
11/23/2016 9:30:00 PM	689400.000	121.529	19.119	273.756	40501.000	45626.203	29.828	31025.820
24.691	1.021	14.898						
11/23/2016 9:45:00 PM	690300.000	121.515	19.133	273.725	40492.270	45602.930	29.811	31009.994
24.696	1.021	14.899						
11/23/2016 10:00:00 PM	691200.000	121.465	19.134	273.611	40505.566	45616.539	29.821	31019.246
24.688	1.021	14.896						
11/23/2016 10:15:00 PM	692100.000	121.486	19.125	273.658	40508.188	45628.734	29.830	31027.541
24.686	1.021	14.903						
11/23/2016 10:30:00 PM	693000.000	121.406	19.118	273.479	40488.730	45613.496	29.818	31017.180
24.698	1.021	14.900						
11/23/2016 10:45:00 PM	693900.000	121.399	19.119	273.463	40478.324	45600.746	29.809	31008.508
24.705	1.021	14.900						
11/23/2016 11:00:00 PM	694800.000	121.342	19.123	273.334	40479.254	45597.250	29.807	31006.133
24.704	1.021	14.905						
11/23/2016 11:15:00 PM	695700.000	121.339	19.127	273.328	40494.961	45610.918	29.817	31015.424
24.694	1.021	14.907						
11/23/2016 11:30:00 PM	696600.000	121.282	19.119	273.200	40455.297	45574.551	29.790	30990.695
24.719	1.021	14.904						
11/23/2016 11:45:00 PM	697500.000	121.305	19.114	273.251	40468.648	45594.293	29.804	

Report Date: 11/28/2016 8:32:46 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_2016-11-24_16-03-24-447-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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
11/28/2016 8:32:02 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:
Record Count: 840
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)	
	SN#: 469248		SN#: 469248		SN#: 469248		SN#: 469248		SN#: 469248		SN#: 469248	
Date and Time (ppt)	Elapsed Time	Corrected Pressure (PSI)	Water Density (g/cm3)	Temperature (C)	Corrected Depth (ft)	Barometric Pressure (PSI)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)		Total Dissolved Solids	
												Resistivity (ohm-cm)
11/17/2016 12:00:00 AM	93600.000		68.343		15.376		153.949	41574.926	50938.609	33.485	34.638	
24.053	1.025		14.771		15.376		153.968	41528.160	50881.313	33.443	34.599	
11/17/2016 12:15:00 AM	94500.000		68.351		15.376		153.968	41528.160	50881.313	33.443	34.599	
24.080	1.025		14.775		15.375		153.934	41552.156	50911.223	33.465	34.620	
11/17/2016 12:30:00 AM	95400.000		68.336		15.375		153.934	41552.156	50911.223	33.465	34.620	
24.066	1.025		14.775		15.375		154.001	41551.434	50910.645	33.465	34.619	
11/17/2016 12:45:00 AM	96300.000		68.366		15.375		154.001	41551.434	50910.645	33.465	34.619	
24.067	1.025		14.774		15.374		154.016	41524.090	50878.305	33.441	34.597	
11/17/2016 1:00:00 AM	97200.000		68.372		15.374		154.016	41524.090	50878.305	33.441	34.597	
24.082	1.025		14.770		15.375		153.983	41573.371	50938.059	33.485	34.638	
11/17/2016 1:15:00 AM	98100.000		68.358		15.375		153.983	41573.371	50938.059	33.485	34.638	
24.054	1.025		14.772		15.374		154.004	41518.453	50871.934	33.436	34.593	
11/17/2016 1:30:00 AM	99000.000		68.367		15.374		154.004	41518.453	50871.934	33.436	34.593	
24.086	1.025		14.769		15.373		153.998	41554.719	50917.105	33.469	34.624	
11/17/2016 1:45:00 AM	99900.000		68.365		15.373		153.998	41554.719	50917.105	33.469	34.624	
24.065	1.025		14.770		15.373		153.978	41533.020	50890.090	33.449	34.605	
11/17/2016 2:00:00 AM	100800.000		68.356		15.373		153.978	41533.020	50890.090	33.449	34.605	
24.077	1.025		14.774		15.373		154.010	41524.090	50879.477	33.442	34.598	
11/17/2016 2:15:00 AM	101700.000		68.370		15.373		154.010	41524.090	50879.477	33.442	34.598	
24.082	1.025		14.779		15.373		154.039	41552.730	50914.879	33.467	34.622	
11/17/2016 2:30:00 AM	102600.000		68.383		15.373		154.039	41552.730	50914.879	33.467	34.622	
24.066	1.025		14.774		15.373		154.053	41546.277	50906.762	33.462	34.617	
11/17/2016 2:45:00 AM	103500.000		68.389		15.373		154.053	41546.277	50906.762	33.462	34.617	
24.070	1.025		14.766		15.371		153.971	41531.586	50890.754	33.450	34.606	
11/17/2016 3:00:00 AM	104400.000		68.352		15.371		153.971	41531.586	50890.754	33.450	34.606	
24.078	1.025		14.770		15.372		153.996	41537.012	50896.453	33.454	34.610	
11/17/2016 3:15:00 AM	105300.000		68.364		15.372		153.996	41537.012	50896.453	33.454	34.610	
24.075	1.025		14.775		15.372		154.020	41567.844	50934.035	33.481	34.635	
11/17/2016 3:30:00 AM	106200.000		68.375		15.372		154.020	41567.844	50934.035	33.481	34.635	
24.057	1.025		14.776		15.372		154.029	41567.008	50933.637	33.481	34.635	
11/17/2016 3:45:00 AM	107100.000		68.378		15.372		154.029	41567.008	50933.637	33.481	34.635	
24.058	1.025		14.771		15.370		153.995	41523.023	50881.434	33.443	34.599	
11/17/2016 4:00:00 AM	108000.000		68.363		15.370		153.995	41523.023	50881.434	33.443	34.599	
24.083	1.025		14.767		15.371		153.982	41526.090	50884.227	33.445	34.601	
11/17/2016 4:15:00 AM	108900.000		68.357		15.371		153.982	41526.090	50884.227	33.445	34.601	
24.081	1.025		14.773		15.372		153.962	41544.648	50906.352	33.461	34.616	
11/17/2016 4:30:00 AM	109800.000		68.349		15.372		153.962	41544.648	50906.352	33.461	34.616	
24.070	1.025		14.777		15.370		154.006	41570.352	50939.320	33.485	34.639	
11/17/2016 4:45:00 AM	110700.000		68.368		15.370		154.006	41570.352	50939.320	33.485	34.639	
24.056	1.025		14.781		15.372		153.990	41524.949	50882.309	33.443	34.600	
11/17/2016 5:00:00 AM	111600.000		68.361		15.372		153.990	41524.949	50882.309	33.443	34.600	
24.082	1.025		14.780		15.372		153.966	41566.727	50932.766	33.481	34.634	
11/17/2016 5:15:00 AM	112500.000		68.351		15.372		153.966	41566.727	50932.766	33.481	34.634	
24.058	1.025		14.777		15.372		153.973	41558.371	50923.164	33.473	34.628	
11/17/2016 5:30:00 AM	113400.000		68.353		15.372		153.973	41558.371	50923.164	33.473	34.628	
24.063	1.025		14.780		15.372		153.965	41572.438	50940.082	33.486	34.639	
11/17/2016 5:45:00 AM	114300.000		68.350		15.372		153.965	41572.438	50940.082	33.486	34.639	

24.054	1.025	14.781						
11/17/2016 6:00:00 AM	115200.000	68.342	15.372	153.947	41525.805	50883.457	33.444	34.601
24.081	1.025	14.775						
11/17/2016 6:15:00 AM	116100.000	68.336	15.372	153.933	41561.090	50926.066	33.476	34.630
24.061	1.025	14.780						
11/17/2016 6:30:00 AM	117000.000	68.338	15.373	153.934	41566.078	50931.547	33.480	34.633
24.058	1.025	14.781						
11/17/2016 6:45:00 AM	117900.000	68.348	15.373	153.960	41557.926	50921.453	33.472	34.627
24.063	1.025	14.786						
11/17/2016 7:00:00 AM	118800.000	68.341	15.372	153.944	41583.004	50952.500	33.495	34.648
24.048	1.025	14.782						
11/17/2016 7:15:00 AM	119700.000	68.332	15.373	153.925	41561.082	50925.520	33.475	34.629
24.061	1.025	14.790						
11/17/2016 7:30:00 AM	120600.000	68.338	15.374	153.939	41554.785	50915.816	33.468	34.623
24.065	1.025	14.792						
11/17/2016 7:45:00 AM	121500.000	68.353	15.374	153.972	41538.020	50896.020	33.454	34.609
24.074	1.025	14.789						
11/17/2016 8:00:00 AM	122400.000	68.347	15.373	153.959	41546.520	50907.266	33.462	34.617
24.069	1.025	14.795						
11/17/2016 8:15:00 AM	123300.000	68.353	15.373	153.971	41559.020	50922.273	33.473	34.627
24.062	1.025	14.805						
11/17/2016 8:30:00 AM	124200.000	68.345	15.373	153.955	41506.113	50857.859	33.426	34.583
24.093	1.025	14.801						
11/17/2016 8:45:00 AM	125100.000	68.390	15.373	154.055	41514.742	50868.332	33.433	34.590
24.088	1.025	14.790						
11/17/2016 9:00:00 AM	126000.000	68.400	15.372	154.077	41541.805	50902.129	33.458	34.613
24.072	1.025	14.794						
11/17/2016 9:15:00 AM	126900.000	68.413	15.373	154.107	41498.480	50848.098	33.418	34.577
24.087	1.025	14.803						
11/17/2016 9:30:00 AM	127800.000	68.424	15.372	154.131	41539.594	50899.727	33.456	34.612
24.073	1.025	14.793						
11/17/2016 9:45:00 AM	128700.000	68.446	15.372	154.180	41505.820	50858.555	33.426	34.584
24.093	1.025	14.791						
11/17/2016 10:00:00 AM	129600.000	68.443	15.370	154.174	41541.789	50904.629	33.460	34.615
24.072	1.025	14.789						
11/17/2016 10:15:00 AM	130500.000	68.487	15.371	154.273	41547.520	50911.223	33.465	34.620
24.069	1.025	14.788						
11/17/2016 10:30:00 AM	131400.000	68.507	15.369	154.318	41530.875	50892.199	33.451	34.607
24.078	1.025	14.786						
11/17/2016 10:45:00 AM	132300.000	68.479	15.368	154.256	41524.953	50886.211	33.446	34.603
24.082	1.025	14.791						
11/17/2016 11:00:00 AM	133200.000	68.520	15.367	154.347	41508.613	50867.559	33.432	34.590
24.091	1.025	14.791						
11/17/2016 11:15:00 AM	134100.000	68.535	15.365	154.383	41508.250	50869.313	33.433	34.591
24.092	1.025	14.788						
11/17/2016 11:30:00 AM	135000.000	68.557	15.364	154.430	41503.547	50864.605	33.430	34.588
24.094	1.025	14.785						
11/17/2016 11:45:00 AM	135900.000	68.559	15.364	154.436	41553.164	50926.469	33.475	34.630
24.066	1.025	14.783						
11/17/2016 12:00:00 PM	136800.000	68.582	15.364	154.488	41523.664	50889.895	33.448	34.605
24.083	1.025	14.781						
11/17/2016 12:15:00 PM	137700.000	68.595	15.363	154.517	41519.738	50886.563	33.446	34.603
24.085	1.025	14.770						
11/17/2016 12:30:00 PM	138600.000	68.616	15.361	154.563	41518.453	50887.277	33.446	34.603
24.086	1.025	14.770						
11/17/2016 12:45:00 PM	139500.000	68.605	15.360	154.539	41508.469	50876.004	33.438	34.596
24.091	1.025	14.775						
11/17/2016 1:00:00 PM	140400.000	68.620	15.360	154.573	41517.742	50887.480	33.446	34.603
24.086	1.025	14.769						
11/17/2016 1:15:00 PM	141300.000	68.599	15.357	154.525	41533.594	50909.738	33.463	34.619
24.077	1.025	14.759						
11/17/2016 1:30:00 PM	142200.000	68.604	15.358	154.538	41514.246	50885.188	33.445	34.602
24.088	1.025	14.764						
11/17/2016 1:45:00 PM	143100.000	68.594	15.358	154.515	41538.090	50915.047	33.466	34.622
24.074	1.025	14.758						
11/17/2016 2:00:00 PM	144000.000	68.580	15.357	154.484	41532.520	50909.156	33.462	34.618
24.078	1.025	14.763						
11/17/2016 2:15:00 PM	144900.000	68.570	15.356	154.460	41491.695	50860.078	33.426	34.585
24.101	1.025	14.763						
11/17/2016 2:30:00 PM	145800.000	68.581	15.357	154.485	41509.746	50881.680	33.442	34.600
24.091	1.025	14.752						
11/17/2016 2:45:00 PM	146700.000	68.558	15.356	154.433	41556.098	50938.906	33.484	34.638
24.064	1.025	14.752						
11/17/2016 3:00:00 PM	147600.000	68.551	15.357	154.419	41530.445	50906.840	33.460	34.617
24.079	1.025	14.756						
11/17/2016 3:15:00 PM	148500.000	68.529	15.356	154.367	41523.594	50899.063	33.455	34.611
24.083	1.025	14.749						
11/17/2016 3:30:00 PM	149400.000	68.540	15.356	154.394	41515.457	50888.988	33.447	34.605
24.087	1.025	14.751						
11/17/2016 3:45:00 PM	150300.000	68.486	15.357	154.270	41494.117	50861.348	33.427	34.586
24.100	1.025	14.761						
11/17/2016 4:00:00 PM	151200.000	68.477	15.357	154.252	41535.508	50912.934	33.465	34.621
24.076	1.025	14.756						
11/17/2016 4:15:00 PM	152100.000	68.479	15.357	154.257	41517.023	50889.652	33.448	34.605
24.087	1.025	14.750						
11/17/2016 4:30:00 PM	153000.000	68.455	15.358	154.201	41525.023	50896.824	33.455	34.611
24.082	1.025	14.748						
11/17/2016 4:45:00 PM	153900.000	68.450	15.358	154.190	41516.242	50887.324	33.446	34.603
24.087	1.025	14.747						
11/17/2016 5:00:00 PM	154800.000	68.423	15.360	154.130	41551.453	50928.492	33.476	34.631
24.067	1.025	14.751						
11/17/2016 5:15:00 PM	155700.000	68.408	15.359	154.095	41515.742	50885.656	33.445	34.602
24.087	1.025	14.755						
11/17/2016 5:30:00 PM	156600.000	68.413	15.362	154.107	41521.379	50889.820	33.448	34.605
24.084	1.025	14.754						
11/17/2016 5:45:00 PM	157500.000	68.396	15.361	154.068	41517.523	50885.313	33.445	34.602
24.086	1.025	14.754						
11/17/2016 6:00:00 PM	158400.000	68.356	15.363	153.978	41525.664	50893.711	33.451	34.608
24.081	1.025	14.749						
11/17/2016 6:15:00 PM	159300.000	68.367	15.363	154.003	41571.551	50949.629	33.492	34.646
24.055	1.025	14.757						
11/17/2016 6:30:00 PM	160200.000	68.351	15.364	153.967	41533.797	50901.988	33.457	34.613
24.077	1.025	14.756						
11/17/2016 6:45:00 PM	161100.000	68.310	15.366	153.874	41502.691	50862.195	33.428	34.586
24.095	1.025	14.760						
11/17/2016 7:00:00 PM	162000.000	68.324	15.365	153.906	41539.016	50907.555	33.461	34.617
24.074	1.025	14.758						
11/17/2016 7:15:00 PM	162900.000	68.293	15.366	153.836	41531.371	50896.496	33.453	34.610
24.078	1.025	14.756						
11/17/2016 7:30:00 PM	163800.000	68.288	15.367	153.825	41520.879	50882.363	33.443	34.600
24.084	1.025	14.754						
11/17/2016 7:45:00 PM	164700.000	68.263	15.368	153.768	41550.223	50917.586	33.469	34.624
24.067	1.025	14.763						
11/17/2016 8:00:00 PM	165600.000	68.270	15.369	153.785	41519.031	50877.684	33.440	34.597
24.085	1.025	14.760						
11/17/2016 8:15:00 PM	166500.000	68.278	15.370	153.803	41537.867	50900.129	33.456	34.612
24.074	1.025	14.746						
11/17/2016 8:30:00 PM	167400.000	68.252	15.372	153.744	41523.813	50881.016	33.443	34.599
24.083	1.025	14.758						
11/17/2016 8:45:00 PM	168300.000	68.254	15.371	153.748	41543.293	50904.996	33.460	34.615
24.071	1.025	14.755						
11/17/2016 9:00:00 PM	169200.000	68.248	15.371	153.734	41513.813	50868.871	33.434	34.591
24.088	1.025	14.758						
11/17/2016 9:15:00 PM	170100.000	68.227	15.372	153.688	41543.223	50904.063	33.459	34.615
24.071	1.025	14.757						
11/17/2016 9:30:00 PM	171000.000	68.248	15.372	153.736	41526.086	50882.965	33.444	34.600
24.081	1.025	14.753						
11/17/2016 9:45:00 PM	171900.000	68.236	15.373	153.709	41542.430	50901.520	33.458	34.613
24.072	1.025	14.752						
11/17/2016 10:00:00 PM	172800.000	68.237	15.373	153.710	41539.730	50898.539	33.456	34.611
24.073	1.025	14.754						

11/17/2016 10:30:00 PM	174600.000	68.241	15.375	153.721	41518.242	50870.305	33.435	34.592
24.086	1.025	14.757						
11/17/2016 10:45:00 PM	175500.000	68.241	15.375	153.720	41571.859	50935.270	33.483	34.636
24.055	1.025	14.754						
11/17/2016 11:00:00 PM	176400.000	68.245	15.377	153.728	41572.094	50934.176	33.482	34.635
24.055	1.025	14.754						
11/17/2016 11:15:00 PM	177300.000	68.243	15.376	153.725	41543.590	50899.879	33.457	34.612
24.071	1.025	14.754						
11/17/2016 11:30:00 PM	178200.000	68.247	15.376	153.734	41562.742	50923.027	33.474	34.628
24.060	1.025	14.756						
11/17/2016 11:45:00 PM	179100.000	68.240	15.377	153.716	41558.461	50916.738	33.469	34.623
24.062	1.025	14.753						
11/18/2016 12:00:00 AM	180000.000	68.250	15.376	153.739	41543.801	50899.938	33.457	34.612
24.071	1.025	14.756						
11/18/2016 12:15:00 AM	180900.000	68.263	15.377	153.768	41537.727	50891.023	33.450	34.606
24.074	1.025	14.754						
11/18/2016 12:30:00 AM	181800.000	68.275	15.377	153.795	41513.320	50861.320	33.429	34.586
24.089	1.025	14.750						
11/18/2016 12:45:00 AM	182700.000	68.278	15.377	153.803	41565.730	50926.070	33.476	34.630
24.058	1.025	14.750						
11/18/2016 1:00:00 AM	183600.000	68.288	15.378	153.826	41563.582	50921.754	33.473	34.627
24.060	1.025	14.746						
11/18/2016 1:15:00 AM	184500.000	68.269	15.377	153.782	41509.746	50857.688	33.426	34.583
24.091	1.025	14.745						
11/18/2016 1:30:00 AM	185400.000	68.306	15.378	153.867	41566.637	50926.336	33.476	34.630
24.058	1.025	14.742						
11/18/2016 1:45:00 AM	186300.000	68.297	15.377	153.845	41527.730	50879.195	33.442	34.598
24.080	1.025	14.747						
11/18/2016 2:00:00 AM	187200.000	68.301	15.377	153.854	41540.508	50895.379	33.453	34.609
24.073	1.025	14.746						
11/18/2016 2:15:00 AM	188100.000	68.309	15.376	153.872	41558.730	50918.227	33.470	34.624
24.062	1.025	14.747						
11/18/2016 2:30:00 AM	189000.000	68.305	15.376	153.865	41562.387	50922.707	33.473	34.627
24.060	1.025	14.746						
11/18/2016 2:45:00 AM	189900.000	68.310	15.376	153.875	41541.512	50897.016	33.455	34.610
24.072	1.025	14.740						
11/18/2016 3:00:00 AM	190800.000	68.309	15.376	153.872	41559.934	50920.121	33.472	34.626
24.062	1.025	14.742						
11/18/2016 3:15:00 AM	191700.000	68.312	15.376	153.879	41551.727	50910.188	33.464	34.619
24.066	1.025	14.747						
11/18/2016 3:30:00 AM	192600.000	68.301	15.376	153.854	41561.855	50922.906	33.474	34.628
24.061	1.025	14.750						
11/18/2016 3:45:00 AM	193500.000	68.320	15.375	153.898	41561.789	50923.660	33.474	34.628
24.061	1.025	14.740						
11/18/2016 4:00:00 AM	194400.000	68.319	15.376	153.896	41573.406	50936.750	33.484	34.637
24.054	1.025	14.743						
11/18/2016 4:15:00 AM	195300.000	68.301	15.375	153.855	41525.164	50878.258	33.441	34.597
24.082	1.025	14.750						
11/18/2016 4:30:00 AM	196200.000	68.313	15.375	153.881	41555.090	50915.043	33.468	34.622
24.064	1.025	14.749						
11/18/2016 4:45:00 AM	197100.000	68.310	15.375	153.875	41518.313	50869.863	33.435	34.592
24.086	1.025	14.747						
11/18/2016 5:00:00 AM	198000.000	68.314	15.375	153.885	41577.648	50943.301	33.488	34.641
24.051	1.025	14.740						
11/18/2016 5:15:00 AM	198900.000	68.312	15.374	153.880	41565.137	50928.289	33.477	34.631
24.059	1.025	14.743						
11/18/2016 5:30:00 AM	199800.000	68.304	15.375	153.860	41550.723	50910.203	33.464	34.619
24.067	1.025	14.742						
11/18/2016 5:45:00 AM	200700.000	68.301	15.375	153.854	41568.645	50932.059	33.480	34.634
24.057	1.025	14.740						
11/18/2016 6:00:00 AM	201600.000	68.290	15.374	153.831	41538.012	50895.055	33.453	34.609
24.074	1.025	14.739						
11/18/2016 6:15:00 AM	202500.000	68.291	15.375	153.832	41542.012	50898.793	33.456	34.611
24.072	1.025	14.739						
11/18/2016 6:30:00 AM	203400.000	68.273	15.375	153.792	41547.504	50905.750	33.461	34.616
24.069	1.025	14.741						
11/18/2016 6:45:00 AM	204300.000	68.281	15.375	153.810	41535.941	50891.355	33.450	34.606
24.076	1.025	14.740						
11/18/2016 7:00:00 AM	205200.000	68.276	15.375	153.799	41555.512	50915.641	33.468	34.623
24.064	1.025	14.745						
11/18/2016 7:15:00 AM	206100.000	68.266	15.375	153.775	41576.746	50941.660	33.487	34.640
24.052	1.025	14.748						
11/18/2016 7:30:00 AM	207000.000	68.273	15.375	153.791	41558.703	50919.152	33.471	34.625
24.062	1.025	14.749						
11/18/2016 7:45:00 AM	207900.000	68.273	15.375	153.793	41525.305	50878.324	33.441	34.597
24.082	1.025	14.748						
11/18/2016 8:00:00 AM	208800.000	68.282	15.376	153.811	41554.801	50913.953	33.467	34.621
24.065	1.025	14.752						
11/18/2016 8:15:00 AM	209700.000	68.275	15.377	153.796	41520.168	50870.039	33.435	34.592
24.085	1.025	14.757						
11/18/2016 8:30:00 AM	210600.000	68.281	15.376	153.809	41520.598	50872.047	33.436	34.593
24.084	1.025	14.757						
11/18/2016 8:45:00 AM	211500.000	68.294	15.377	153.839	41521.164	50871.148	33.436	34.592
24.084	1.025	14.758						
11/18/2016 9:00:00 AM	212400.000	68.307	15.376	153.868	41590.344	50956.961	33.499	34.651
24.044	1.025	14.756						
11/18/2016 9:15:00 AM	213300.000	68.308	15.376	153.871	41565.016	50925.813	33.476	34.630
24.059	1.025	14.763						
11/18/2016 9:30:00 AM	214200.000	68.297	15.376	153.845	41561.313	50922.031	33.473	34.627
24.061	1.025	14.757						
11/18/2016 9:45:00 AM	215100.000	68.321	15.376	153.901	41516.383	50866.543	33.432	34.589
24.087	1.025	14.759						
11/18/2016 10:00:00 AM	216000.000	68.341	15.375	153.945	41521.457	50873.516	33.437	34.594
24.084	1.025	14.752						
11/18/2016 10:15:00 AM	216900.000	68.341	15.376	153.944	41522.160	50873.840	33.438	34.594
24.084	1.025	14.759						
11/18/2016 10:30:00 AM	217800.000	68.352	15.376	153.969	41550.645	50908.859	33.463	34.618
24.067	1.025	14.750						
11/18/2016 10:45:00 AM	218700.000	68.356	15.375	153.979	41557.434	50918.324	33.470	34.624
24.063	1.025	14.755						
11/18/2016 11:00:00 AM	219600.000	68.358	15.374	153.984	41532.234	50888.184	33.448	34.604
24.078	1.025	14.750						
11/18/2016 11:15:00 AM	220500.000	68.385	15.374	154.004	41536.809	50894.305	33.452	34.608
24.075	1.025	14.752						
11/18/2016 11:30:00 AM	221400.000	68.398	15.373	154.073	41512.961	50866.555	33.432	34.589
24.089	1.025	14.741						
11/18/2016 11:45:00 AM	222300.000	68.401	15.373	154.080	41513.320	50866.180	33.432	34.589
24.089	1.025	14.746						
11/18/2016 12:00:00 PM	223200.000	68.422	15.372	154.127	41531.734	50889.988	33.449	34.605
24.078	1.025	14.740						
11/18/2016 12:15:00 PM	224100.000	68.419	15.371	154.120	41520.023	50877.020	33.440	34.596
24.085	1.025	14.740						
11/18/2016 12:30:00 PM	225000.000	68.441	15.369	154.171	41526.090	50886.660	33.446	34.603
24.081	1.025	14.732						
11/18/2016 12:45:00 PM	225900.000	68.446	15.370	154.182	41537.738	50900.199	33.456	34.612
24.074	1.025	14.728						
11/18/2016 1:00:00 PM	226800.000	68.463	15.368	154.221	41519.242	50879.426	33.441	34.598
24.085	1.025	14.720						
11/18/2016 1:15:00 PM	227700.000	68.450	15.367	154.191	41535.379	50900.672	33.457	34.612
24.076	1.025	14.716						
11/18/2016 1:30:00 PM	228600.000	68.474	15.367	154.244	41552.086	50921.035	33.472	34.626
24.066	1.025	14.715						
11/18/2016 1:45:00 PM	229500.000	68.474	15.366	154.245	41509.176	50869.086	33.433	34.591
24.091	1.025	14.715						
11/18/2016 2:00:00 PM	230400.000	68.478	15.366	154.254	41510.746	50871.844	33.435	34.593
24.090	1.025	14.715						
11/18/2016 2:15:00 PM	231300.000	68.475	15.366	154.247	41516.957	50879.141	33.441	34.598
24.087	1.025	14.708						
11/18/2016 2:30:00 PM	232200.000	68.476	15.364	154.250	41521.523	50887.273	33.447	34.603
24.084	1.025	14.702						
11/18/2016 2:45:00 PM	233100.000	68.455						

24.097	1.025	14.700						
11/18/2016 3:15:00 PM	234900.000	68.458	15.364	154.209	41531.727	50899.984	33.456	34.612
24.078	1.025	14.701						
11/18/2016 3:30:00 PM	235800.000	68.435	15.364	154.156	41527.809	50894.977	33.452	34.609
24.080	1.025	14.698						
11/18/2016 3:45:00 PM	236700.000	68.422	15.363	154.127	41515.598	50880.746	33.442	34.599
24.087	1.025	14.701						
11/18/2016 4:00:00 PM	237600.000	68.434	15.364	154.154	41558.934	50932.691	33.480	34.634
24.062	1.025	14.698						
11/18/2016 4:15:00 PM	238500.000	68.390	15.364	154.055	41525.805	50892.191	33.450	34.607
24.081	1.025	14.708						
11/18/2016 4:30:00 PM	239400.000	68.377	15.365	154.026	41525.020	50890.602	33.449	34.606
24.082	1.025	14.710						
11/18/2016 4:45:00 PM	240300.000	68.361	15.365	153.990	41522.879	50888.199	33.447	34.604
24.083	1.025	14.712						
11/18/2016 5:00:00 PM	241200.000	68.344	15.366	153.951	41546.734	50916.168	33.468	34.623
24.069	1.025	14.707						
11/18/2016 5:15:00 PM	242100.000	68.350	15.366	153.966	41555.227	50926.270	33.475	34.630
24.064	1.025	14.708						
11/18/2016 5:30:00 PM	243000.000	68.329	15.366	153.919	41533.586	50899.211	33.455	34.611
24.077	1.025	14.714						
11/18/2016 5:45:00 PM	243900.000	68.327	15.368	153.913	41537.938	50902.531	33.458	34.614
24.074	1.025	14.711						
11/18/2016 6:00:00 PM	244800.000	68.295	15.368	153.841	41520.668	50881.590	33.443	34.599
24.084	1.025	14.712						
11/18/2016 6:15:00 PM	245700.000	68.293	15.368	153.838	41538.148	50902.383	33.458	34.614
24.074	1.025	14.718						
11/18/2016 6:30:00 PM	246600.000	68.260	15.370	153.763	41508.320	50864.352	33.430	34.588
24.082	1.025	14.720						
11/18/2016 6:45:00 PM	247500.000	68.263	15.371	153.769	41539.375	50900.832	33.457	34.613
24.074	1.025	14.714						
11/18/2016 7:00:00 PM	248400.000	68.231	15.371	153.697	41547.223	50910.656	33.464	34.619
24.069	1.025	14.719						
11/18/2016 7:15:00 PM	249300.000	68.235	15.372	153.706	41527.445	50885.160	33.446	34.602
24.080	1.025	14.718						
11/18/2016 7:30:00 PM	250200.000	68.208	15.372	153.645	41534.520	50893.301	33.452	34.607
24.076	1.025	14.716						
11/18/2016 7:45:00 PM	251100.000	68.204	15.373	153.635	41521.098	50875.383	33.439	34.595
24.084	1.025	14.719						
11/18/2016 8:00:00 PM	252000.000	68.190	15.375	153.606	41524.164	50877.875	33.440	34.597
24.082	1.025	14.720						
11/18/2016 8:15:00 PM	252900.000	68.182	15.375	153.587	41517.242	50869.078	33.434	34.591
24.086	1.025	14.718						
11/18/2016 8:30:00 PM	253800.000	68.166	15.376	153.550	41533.801	50887.887	33.448	34.604
24.077	1.025	14.723						
11/18/2016 8:45:00 PM	254700.000	68.166	15.377	153.551	41550.301	50906.848	33.462	34.617
24.067	1.025	14.719						
11/18/2016 9:00:00 PM	255600.000	68.148	15.377	153.511	41545.363	50900.906	33.458	34.613
24.070	1.025	14.726						
11/18/2016 9:15:00 PM	256500.000	68.138	15.379	153.488	41521.734	50869.852	33.435	34.592
24.084	1.025	14.726						
11/18/2016 9:30:00 PM	257400.000	68.130	15.379	153.469	41567.875	50926.488	33.476	34.630
24.057	1.025	14.726						
11/18/2016 9:45:00 PM	258300.000	68.122	15.380	153.452	41555.363	50909.777	33.464	34.619
24.064	1.025	14.727						
11/18/2016 10:00:00 PM	259200.000	68.121	15.382	153.448	41500.836	50840.879	33.414	34.572
24.096	1.025	14.730						
11/18/2016 10:15:00 PM	260100.000	68.106	15.382	153.414	41592.680	50953.184	33.496	34.648
24.043	1.025	14.733						
11/18/2016 10:30:00 PM	261000.000	68.116	15.382	153.438	41557.055	50909.016	33.464	34.618
24.063	1.025	14.726						
11/18/2016 10:45:00 PM	261900.000	68.106	15.383	153.415	41543.512	50891.809	33.451	34.606
24.071	1.025	14.731						
11/18/2016 11:00:00 PM	262800.000	68.121	15.383	153.449	41597.750	50957.824	33.500	34.651
24.040	1.025	14.719						
11/18/2016 11:15:00 PM	263700.000	68.112	15.384	153.428	41543.086	50890.016	33.450	34.605
24.071	1.025	14.725						
11/18/2016 11:30:00 PM	264600.000	68.100	15.384	153.403	41562.355	50913.191	33.467	34.621
24.060	1.025	14.731						
11/18/2016 11:45:00 PM	265500.000	68.126	15.384	153.460	41568.086	50919.902	33.472	34.626
24.057	1.025	14.722						
11/19/2016 12:00:00 AM	266400.000	68.119	15.386	153.444	41572.336	50923.426	33.475	34.628
24.054	1.025	14.735						
11/19/2016 12:15:00 AM	267300.000	68.127	15.386	153.464	41559.148	50906.855	33.463	34.617
24.062	1.025	14.728						
11/19/2016 12:30:00 AM	268200.000	68.139	15.386	153.490	41566.313	50915.410	33.469	34.622
24.058	1.025	14.725						
11/19/2016 12:45:00 AM	269100.000	68.139	15.387	153.490	41537.148	50879.262	33.442	34.598
24.075	1.025	14.726						
11/19/2016 1:00:00 AM	270000.000	68.142	15.387	153.496	41559.500	50906.121	33.462	34.616
24.062	1.025	14.728						
11/19/2016 1:15:00 AM	270900.000	68.154	15.387	153.523	41535.438	50876.430	33.440	34.596
24.076	1.025	14.724						
11/19/2016 1:30:00 AM	271800.000	68.160	15.388	153.536	41540.719	50882.055	33.445	34.600
24.073	1.025	14.722						
11/19/2016 1:45:00 AM	272700.000	68.172	15.387	153.564	41555.215	50901.082	33.458	34.613
24.064	1.025	14.717						
11/19/2016 2:00:00 AM	273600.000	68.165	15.388	153.548	41587.906	50939.961	33.487	34.639
24.045	1.025	14.724						
11/19/2016 2:15:00 AM	274500.000	68.169	15.388	153.558	41571.008	50919.480	33.472	34.625
24.055	1.025	14.722						
11/19/2016 2:30:00 AM	275400.000	68.186	15.387	153.596	41570.801	50920.375	33.473	34.626
24.055	1.025	14.718						
11/19/2016 2:45:00 AM	276300.000	68.184	15.388	153.591	41545.645	50888.734	33.449	34.604
24.070	1.025	14.717						
11/19/2016 3:00:00 AM	277200.000	68.170	15.388	153.560	41533.223	50872.875	33.438	34.594
24.077	1.025	14.722						
11/19/2016 3:15:00 AM	278100.000	68.194	15.387	153.615	41579.238	50930.707	33.480	34.633
24.050	1.025	14.716						
11/19/2016 3:30:00 AM	279000.000	68.191	15.386	153.607	41585.277	50939.379	33.486	34.639
24.047	1.025	14.724						
11/19/2016 3:45:00 AM	279900.000	68.203	15.386	153.634	41564.563	50913.160	33.467	34.621
24.059	1.025	14.716						
11/19/2016 4:00:00 AM	280800.000	68.202	15.386	153.632	41569.699	50920.195	33.472	34.626
24.056	1.025	14.714						
11/19/2016 4:15:00 AM	281700.000	68.214	15.387	153.659	41563.281	50911.391	33.466	34.620
24.060	1.025	14.709						
11/19/2016 4:30:00 AM	282600.000	68.220	15.385	153.673	41595.320	50952.316	33.496	34.648
24.041	1.025	14.713						
11/19/2016 4:45:00 AM	283500.000	68.217	15.386	153.666	41571.801	50922.871	33.474	34.628
24.055	1.025	14.714						
11/19/2016 5:00:00 AM	284400.000	68.220	15.385	153.671	41578.195	50931.238	33.480	34.633
24.051	1.025	14.709						
11/19/2016 5:15:00 AM	285300.000	68.218	15.384	153.668	41560.648	50910.891	33.465	34.619
24.061	1.025	14.716						
11/19/2016 5:30:00 AM	286200.000	68.200	15.385	153.628	41570.855	50923.078	33.474	34.628
24.055	1.025	14.711						
11/19/2016 5:45:00 AM	287100.000	68.213	15.384	153.656	41551.652	50899.773	33.457	34.612
24.066	1.025	14.707						
11/19/2016 6:00:00 AM	288000.000	68.228	15.384	153.691	41534.293	50878.508	33.442	34.597
24.076	1.025	14.705						
11/19/2016 6:15:00 AM	288900.000	68.228	15.384	153.691	41584.629	50940.691	33.487	34.640
24.047	1.025	14.706						
11/19/2016 6:30:00 AM	289800.000	68.231	15.384	153.698	41567.590	50919.391	33.472	34.625
24.057	1.025	14.704						
11/19/2016 6:45:00 AM	290700.000	68.224	15.383	153.682	41579.078	50934.730	33.483	34.636
24.051	1.025	14.713						
11/19/2016 7:00:00 AM	291600.000	68.224	15.383	153.681	41565.266	50917.609	33.470	34.624
24.059	1.025	14.708						
11/19/2016 7:15:00 AM	292500.000	68.224	15.383	153.681	41544.070	50891.727	33.451	34.606
24.071	1.025	14.706						
11/19/2016 7:30:00 AM	293400.000	68.228	15.383	153.690	41579.625	50935.398	33.483	34.636

11/19/2016 7:45:00 AM	294300.000	68.228	15.383	153.690	41548.574	50898.008	33.456	34.611
24.068	1.025	14.710						
11/19/2016 8:00:00 AM	295200.000	68.235	15.383	153.705	41572.223	50926.441	33.477	34.630
24.055	1.025	14.708						
11/19/2016 8:15:00 AM	296100.000	68.227	15.381	153.688	41553.434	50905.633	33.461	34.616
24.065	1.025	14.709						
11/19/2016 8:30:00 AM	297000.000	68.240	15.382	153.716	41542.004	50891.313	33.451	34.606
24.072	1.025	14.705						
11/19/2016 8:45:00 AM	297900.000	68.250	15.382	153.740	41592.711	50953.430	33.496	34.648
24.043	1.025	14.707						
11/19/2016 9:00:00 AM	298800.000	68.246	15.382	153.730	41549.078	50899.242	33.457	34.611
24.068	1.025	14.709						
11/19/2016 9:15:00 AM	299700.000	68.247	15.381	153.733	41545.215	50895.566	33.454	34.609
24.070	1.025	14.716						
11/19/2016 9:30:00 AM	300600.000	68.253	15.381	153.745	41546.945	50898.320	33.456	34.611
24.069	1.025	14.714						
11/19/2016 9:45:00 AM	301500.000	68.267	15.381	153.779	41540.863	50890.969	33.451	34.606
24.073	1.025	14.710						
11/19/2016 10:00:00 AM	302400.000	68.273	15.383	153.791	41554.730	50905.652	33.461	34.616
24.065	1.025	14.712						
11/19/2016 10:15:00 AM	303300.000	68.287	15.379	153.823	41559.004	50914.773	33.468	34.622
24.062	1.025	14.706						
11/19/2016 10:30:00 AM	304200.000	68.303	15.380	153.858	41557.875	50913.184	33.467	34.621
24.063	1.025	14.710						
11/19/2016 10:45:00 AM	305100.000	68.313	15.379	153.881	41535.938	50886.625	33.447	34.603
24.076	1.025	14.711						
11/19/2016 11:00:00 AM	306000.000	68.324	15.379	153.906	41542.230	50895.160	33.453	34.609
24.072	1.025	14.714						
11/19/2016 11:15:00 AM	306900.000	68.338	15.379	153.938	41547.793	50901.555	33.458	34.613
24.069	1.025	14.709						
11/19/2016 11:30:00 AM	307800.000	68.338	15.378	153.937	41535.797	50888.551	33.449	34.604
24.076	1.025	14.709						
11/19/2016 11:45:00 AM	308700.000	68.354	15.377	153.974	41522.598	50873.016	33.437	34.594
24.083	1.025	14.713						
11/19/2016 12:00:00 PM	309600.000	68.368	15.377	154.005	41567.137	50928.105	33.477	34.631
24.057	1.025	14.702						
11/19/2016 12:15:00 PM	310500.000	68.402	15.375	154.082	41564.227	50926.320	33.476	34.630
24.059	1.025	14.702						
11/19/2016 12:30:00 PM	311400.000	68.408	15.374	154.096	41554.164	50915.055	33.468	34.622
24.065	1.025	14.704						
11/19/2016 12:45:00 PM	312300.000	68.411	15.372	154.103	41556.441	50919.953	33.471	34.626
24.064	1.025	14.704						
11/19/2016 1:00:00 PM	313200.000	68.415	15.372	154.112	41547.000	50908.691	33.463	34.618
24.069	1.025	14.710						
11/19/2016 1:15:00 PM	314100.000	68.448	15.371	154.186	41552.574	50916.906	33.469	34.623
24.066	1.025	14.697						
11/19/2016 1:30:00 PM	315000.000	68.466	15.371	154.226	41564.441	50931.875	33.480	34.634
24.059	1.025	14.699						
11/19/2016 1:45:00 PM	315900.000	68.462	15.370	154.216	41564.309	50932.859	33.480	34.634
24.059	1.025	14.699						
11/19/2016 2:00:00 PM	316800.000	68.503	15.368	154.310	41532.438	50896.219	33.453	34.609
24.078	1.025	14.696						
11/19/2016 2:15:00 PM	317700.000	68.508	15.367	154.322	41579.500	50954.949	33.496	34.649
24.050	1.025	14.700						
11/19/2016 2:30:00 PM	318600.000	68.515	15.366	154.336	41575.430	50951.336	33.494	34.647
24.053	1.025	14.698						
11/19/2016 2:45:00 PM	319500.000	68.529	15.364	154.368	41535.230	50903.645	33.459	34.614
24.076	1.025	14.694						
11/19/2016 3:00:00 PM	320400.000	68.534	15.363	154.379	41550.434	50924.070	33.473	34.628
24.067	1.025	14.699						
11/19/2016 3:15:00 PM	321300.000	68.528	15.362	154.366	41539.160	50910.988	33.464	34.619
24.074	1.025	14.698						
11/19/2016 3:30:00 PM	322200.000	68.539	15.361	154.390	41555.734	50933.199	33.480	34.635
24.064	1.025	14.699						
11/19/2016 3:45:00 PM	323100.000	68.531	15.360	154.373	41571.969	50953.309	33.495	34.648
24.055	1.025	14.699						
11/19/2016 4:00:00 PM	324000.000	68.531	15.360	154.374	41542.012	50916.691	33.468	34.623
24.072	1.025	14.702						
11/19/2016 4:15:00 PM	324900.000	68.541	15.359	154.395	41546.453	50924.047	33.473	34.628
24.069	1.025	14.700						
11/19/2016 4:30:00 PM	325800.000	68.532	15.359	154.375	41562.148	50942.848	33.487	34.641
24.060	1.025	14.696						
11/19/2016 4:45:00 PM	326700.000	68.525	15.357	154.360	41559.855	50942.355	33.486	34.641
24.062	1.025	14.694						
11/19/2016 5:00:00 PM	327600.000	68.534	15.357	154.379	41578.012	50964.609	33.503	34.656
24.051	1.025	14.698						
11/19/2016 5:15:00 PM	328500.000	68.493	15.357	154.287	41515.102	50887.500	33.446	34.604
24.088	1.025	14.693						
11/19/2016 5:30:00 PM	329400.000	68.507	15.357	154.319	41508.246	50878.996	33.440	34.598
24.092	1.025	14.696						
11/19/2016 5:45:00 PM	330300.000	68.476	15.357	154.250	41578.637	50964.949	33.503	34.656
24.051	1.025	14.700						
11/19/2016 6:00:00 PM	331200.000	68.467	15.357	154.228	41539.797	50918.305	33.469	34.624
24.073	1.025	14.699						
11/19/2016 6:15:00 PM	332100.000	68.469	15.357	154.233	41527.016	50902.211	33.457	34.614
24.081	1.025	14.700						
11/19/2016 6:30:00 PM	333000.000	68.457	15.357	154.205	41564.230	50947.719	33.490	34.644
24.059	1.025	14.697						
11/19/2016 6:45:00 PM	333900.000	68.435	15.357	154.157	41565.945	50950.129	33.492	34.646
24.058	1.025	14.706						
11/19/2016 7:00:00 PM	334800.000	68.431	15.358	154.148	41533.504	50909.117	33.462	34.618
24.077	1.025	14.705						
11/19/2016 7:15:00 PM	335700.000	68.433	15.358	154.151	41556.234	50936.551	33.482	34.637
24.064	1.025	14.708						
11/19/2016 7:30:00 PM	336600.000	68.407	15.359	154.094	41541.793	50917.898	33.469	34.624
24.072	1.025	14.706						
11/19/2016 7:45:00 PM	337500.000	68.389	15.359	154.053	41533.441	50907.348	33.461	34.617
24.077	1.025	14.709						
11/19/2016 8:00:00 PM	338400.000	68.388	15.360	154.051	41569.996	50951.730	33.493	34.647
24.056	1.025	14.711						
11/19/2016 8:15:00 PM	339300.000	68.381	15.362	154.036	41531.297	50901.238	33.457	34.613
24.078	1.025	14.710						
11/19/2016 8:30:00 PM	340200.000	68.356	15.362	153.980	41559.434	50936.262	33.482	34.637
24.062	1.025	14.704						
11/19/2016 8:45:00 PM	341100.000	68.360	15.363	153.988	41545.012	50916.895	33.468	34.623
24.070	1.025	14.709						
11/19/2016 9:00:00 PM	342000.000	68.351	15.362	153.968	41542.004	50914.789	33.467	34.622
24.072	1.025	14.708						
11/19/2016 9:15:00 PM	342900.000	68.338	15.363	153.937	41581.273	50961.867	33.501	34.654
24.049	1.025	14.714						
11/19/2016 9:30:00 PM	343800.000	68.337	15.365	153.935	41549.926	50921.125	33.471	34.626
24.067	1.025	14.713						
11/19/2016 9:45:00 PM	344700.000	68.332	15.365	153.925	41573.672	50949.918	33.493	34.646
24.054	1.025	14.710						
11/19/2016 10:00:00 PM	345600.000	68.323	15.365	153.904	41563.164	50936.719	33.483	34.637
24.060	1.025	14.711						
11/19/2016 10:15:00 PM	346500.000	68.332	15.365	153.925	41571.758	50948.000	33.491	34.645
24.055	1.025	14.710						
11/19/2016 10:30:00 PM	347400.000	68.321	15.366	153.899	41562.359	50934.473	33.481	34.635
24.060	1.025	14.714						
11/19/2016 10:45:00 PM	348300.000	68.291	15.367	153.832	41520.023	50881.961	33.443	34.600
24.085	1.025	14.716						
11/19/2016 11:00:00 PM	349200.000	68.313	15.367	153.882	41547.875	50915.785	33.468	34.623
24.069	1.025	14.711						
11/19/2016 11:15:00 PM	350100.000	68.296	15.367	153.844	41557.137	50926.797	33.476	34.630
24.063	1.025	14.712						
11/19/2016 11:30:00 PM	351000.000	68.315	15.368	153.886	41561.777	50932.285	33.480	34.634
24.061	1.025	14.706						
11/19/2016 11:45:00 PM	351900.000	68.317	15.368	153.890	41525.586	50886.887	33.447	34.603
24.082	1.025	14.705						
11/20/2016 12:00:00 AM	352800.000	68.318</						

24.053	1.025	14.705					
11/20/2016 12:30:00 AM	354600.000	68.306	15.369	153.867	41614.469	50995.480	33.526
24.030	1.025	14.709					34.677
11/20/2016 12:45:00 AM	355500.000	68.324	15.369	153.906	41542.090	50906.355	33.461
24.072	1.025	14.702					34.616
11/20/2016 1:00:00 AM	356400.000	68.338	15.369	153.939	41558.875	50926.719	33.476
24.062	1.025	14.701					34.630
11/20/2016 1:15:00 AM	357300.000	68.343	15.368	153.948	41552.363	50919.703	33.471
24.066	1.025	14.706					34.625
11/20/2016 1:30:00 AM	358200.000	68.343	15.370	153.950	41567.871	50937.125	33.484
24.057	1.025	14.705					34.637
11/20/2016 1:45:00 AM	359100.000	68.354	15.370	153.974	41547.297	50911.805	33.465
24.069	1.025	14.702					34.620
11/20/2016 2:00:00 AM	360000.000	68.370	15.370	154.011	41565.637	50934.586	33.482
24.058	1.025	14.708					34.636
11/20/2016 2:15:00 AM	360900.000	68.385	15.369	154.045	41550.363	50916.078	33.468
24.067	1.025	14.707					34.623
11/20/2016 2:30:00 AM	361800.000	68.378	15.370	154.027	41559.059	50926.426	33.476
24.062	1.025	14.706					34.630
11/20/2016 2:45:00 AM	362700.000	68.398	15.369	154.072	41530.371	50891.906	33.450
24.079	1.025	14.705					34.606
11/20/2016 3:00:00 AM	363600.000	68.414	15.368	154.110	41549.730	50916.984	33.469
24.068	1.025	14.704					34.624
11/20/2016 3:15:00 AM	364500.000	68.422	15.368	154.127	41583.457	50958.434	33.499
24.048	1.025	14.703					34.652
11/20/2016 3:30:00 AM	365400.000	68.421	15.367	154.125	41566.270	50938.098	33.484
24.058	1.025	14.698					34.638
11/20/2016 3:45:00 AM	366300.000	68.459	15.366	154.211	41596.359	50975.930	33.512
24.041	1.025	14.700					34.664
11/20/2016 4:00:00 AM	367200.000	68.474	15.366	154.244	41548.730	50918.508	33.470
24.068	1.025	14.697					34.625
11/20/2016 4:15:00 AM	368100.000	68.479	15.364	154.256	41557.992	50931.969	33.479
24.063	1.025	14.697					34.634
11/20/2016 4:30:00 AM	369000.000	68.489	15.363	154.279	41573.988	50952.410	33.479
24.054	1.025	14.702					34.648
11/20/2016 4:45:00 AM	369900.000	68.498	15.363	154.299	41542.797	50913.973	33.466
24.072	1.025	14.697					34.622
11/20/2016 5:00:00 AM	370800.000	68.501	15.363	154.304	41561.016	50936.820	33.483
24.061	1.025	14.698					34.637
11/20/2016 5:15:00 AM	371700.000	68.520	15.362	154.349	41520.238	50888.320	33.466
24.085	1.025	14.698					34.604
11/20/2016 5:30:00 AM	372600.000	68.506	15.361	154.315	41526.020	50896.355	33.447
24.081	1.025	14.697					33.453
11/20/2016 5:45:00 AM	373500.000	68.531	15.359	154.373	41553.410	50931.938	33.479
24.065	1.025	14.700					34.634
11/20/2016 6:00:00 AM	374400.000	68.561	15.360	154.441	41551.723	50929.539	33.477
24.066	1.025	14.700					34.632
11/20/2016 6:15:00 AM	375300.000	68.553	15.358	154.422	41564.289	50947.273	33.490
24.059	1.025	14.707					34.644
11/20/2016 6:30:00 AM	376200.000	68.588	15.358	154.502	41511.746	50882.648	33.490
24.090	1.025	14.701					34.643
11/20/2016 6:45:00 AM	377100.000	68.581	15.355	154.485	41563.652	50949.133	33.491
24.059	1.025	14.705					34.645
11/20/2016 7:00:00 AM	378000.000	68.626	15.354	154.587	41569.809	50945.895	33.489
24.062	1.025	14.703					34.643
11/20/2016 7:15:00 AM	378900.000	68.593	15.355	154.513	41565.348	50952.027	33.489
24.059	1.025	14.710					33.493
11/20/2016 7:30:00 AM	379800.000	68.610	15.352	154.550	41567.223	50956.980	33.497
24.057	1.025	14.709					34.651
11/20/2016 7:45:00 AM	380700.000	68.623	15.352	154.581	41541.660	50925.848	33.497
24.072	1.025	14.704					34.630
11/20/2016 8:00:00 AM	381600.000	68.643	15.350	154.626	41555.227	50945.426	33.474
24.064	1.025	14.702					33.488
11/20/2016 8:15:00 AM	382500.000	68.631	15.350	154.598	41552.352	50941.805	33.485
24.066	1.025	14.706					34.640
11/20/2016 8:30:00 AM	383400.000	68.638	15.350	154.614	41577.711	50972.164	33.508
24.051	1.025	14.711					34.661
11/20/2016 8:45:00 AM	384300.000	68.681	15.349	154.711	41542.363	50930.934	33.477
24.072	1.025	14.707					34.633
11/20/2016 9:00:00 AM	385200.000	68.689	15.347	154.729	41546.727	50938.070	33.482
24.069	1.025	14.713					34.638
11/20/2016 9:15:00 AM	386100.000	68.653	15.347	154.647	41542.215	50933.277	33.479
24.072	1.025	14.710					34.635
11/20/2016 9:30:00 AM	387000.000	68.673	15.346	154.693	41514.313	50899.586	33.479
24.088	1.025	14.706					33.454
11/20/2016 9:45:00 AM	387900.000	68.681	15.345	154.711	41555.641	50951.117	33.492
24.064	1.025	14.708					34.647
11/20/2016 10:00:00 AM	388800.000	68.671	15.345	154.689	41555.438	50951.594	33.492
24.064	1.025	14.711					34.647
11/20/2016 10:15:00 AM	389700.000	68.712	15.344	154.782	41583.098	50986.773	33.518
24.048	1.025	14.702					34.671
11/20/2016 10:30:00 AM	390600.000	68.695	15.343	154.741	41575.008	50977.289	33.511
24.053	1.025	14.705					34.665
11/20/2016 10:45:00 AM	391500.000	68.674	15.343	154.696	41521.953	50913.055	33.464
24.084	1.025	14.713					34.621
11/20/2016 11:00:00 AM	392400.000	68.678	15.342	154.704	41500.762	50888.039	33.445
24.086	1.025	14.710					34.604
11/20/2016 11:15:00 AM	393300.000	68.695	15.343	154.743	41533.016	50926.211	33.473
24.077	1.025	14.708					34.630
11/20/2016 11:30:00 AM	394200.000	68.704	15.343	154.763	41549.152	50946.098	33.488
24.088	1.025	14.704					34.643
11/20/2016 11:45:00 AM	395100.000	68.709	15.341	154.775	41507.824	50897.434	33.452
24.092	1.025	14.696					33.507
11/20/2016 12:00:00 PM	396000.000	68.707	15.341	154.770	41568.578	50972.777	33.507
24.057	1.025	14.697					34.661
11/20/2016 12:15:00 PM	396900.000	68.702	15.341	154.757	41568.504	50972.688	33.507
24.057	1.025	14.700					34.661
11/20/2016 12:30:00 PM	397800.000	68.716	15.341	154.790	41535.582	50931.891	33.477
24.076	1.025	14.696					34.634
11/20/2016 12:45:00 PM	398700.000	68.737	15.340	154.837	41565.145	50969.824	33.505
24.059	1.025	14.695					33.505
11/20/2016 1:00:00 PM	399600.000	68.744	15.339	154.853	41582.102	50991.563	33.521
24.049	1.025	14.691					34.674
11/20/2016 1:15:00 PM	400500.000	68.735	15.339	154.832	41556.598	50959.762	33.521
24.064	1.025	14.697					33.498
11/20/2016 1:30:00 PM	401400.000	68.750	15.339	154.866	41549.871	50951.195	33.492
24.067	1.025	14.685					34.647
11/20/2016 1:45:00 PM	402300.000	68.793	15.338	154.962	41568.926	50976.363	33.510
24.056	1.025	14.684					34.664
11/20/2016 2:00:00 PM	403200.000	68.812	15.337	155.005	41522.664	50921.117	33.469
24.083	1.025	14.680					34.626
11/20/2016 2:15:00 PM	404100.000	68.799	15.337	154.976	41511.957	50907.867	33.459
24.089	1.025	14.676					34.617
11/20/2016 2:30:00 PM	405000.000	68.793	15.336	154.963	41561.016	50969.090	33.504
24.061	1.025	14.680					34.659
11/20/2016 2:45:00 PM	405900.000	68.801	15.335	154.981	41560.582	50969.184	33.504
24.061	1.025	14.679					34.659
11/20/2016 3:00:00 PM	406800.000	68.818	15.333	155.018	41563.496	50975.090	33.509
24.060	1.025	14.674					34.663
11/20/2016 3:15:00 PM	407700.000	68.812	15.334	155.006	41534.230	50938.242	33.482
24.077	1.025	14.683					34.638
11/20/2016 3:30:00 PM	408600.000	68.826	15.332	155.036	41478.656	50872.203	33.433
24.109	1.025	14.681					34.593
11/20/2016 3:45:00 PM	409500.000	68.845	15.332	155.081	41566.879	50980.914	33.513
24.058	1.025	14.682					34.667
11/20/2016 4:00:00 PM	410400.000	68.820	15.332	155.024	41476.023	50869.910	33.431
24.110	1.025	14.681					34.592
11/20/2016 4:15:00 PM	411300.000	68.830	15.332	155.046	41541.945	50950.227	33.490
24.072	1.025	14.680					34.646
11/20/2016 4:30:00 PM	412200.000	68.822	15.330	155.027	41575.242	50993.508	33.522
24.053	1.025	14.682					34.676
11/20/2016 4:45:00 PM	413100.000	68.851	15.330	155.094	41551.934	50964.500	33.501
24.066	1.025	14.674					34.656

11/20/2016 5:00:00 PM	414000.000	68.812	15.329	155.005	41554.641	50969.504	33.504	34.659
24.065	1.025	14.677						
11/20/2016 5:15:00 PM	414900.000	68.800	15.329	154.980	41547.867	50960.883	33.498	34.653
24.069	1.025	14.678						
11/20/2016 5:30:00 PM	415800.000	68.796	15.330	154.970	41534.164	50943.340	33.485	34.641
24.077	1.025	14.680						
11/20/2016 5:45:00 PM	416700.000	68.796	15.330	154.970	41556.934	50970.949	33.505	34.660
24.063	1.025	14.684						
11/20/2016 6:00:00 PM	417600.000	68.806	15.330	154.993	41536.512	50945.902	33.487	34.643
24.075	1.025	14.685						
11/20/2016 6:15:00 PM	418500.000	68.779	15.329	154.931	41548.574	50961.637	33.498	34.654
24.068	1.025	14.689						
11/20/2016 6:30:00 PM	419400.000	68.767	15.330	154.905	41540.871	50951.348	33.491	34.647
24.073	1.025	14.684						
11/20/2016 6:45:00 PM	420300.000	68.736	15.330	154.834	41538.012	50947.742	33.488	34.644
24.074	1.025	14.685						
11/20/2016 7:00:00 PM	421200.000	68.738	15.331	154.840	41520.379	50924.730	33.471	34.629
24.085	1.025	14.689						
11/20/2016 7:15:00 PM	422100.000	68.701	15.331	154.756	41551.637	50963.922	33.500	34.655
24.066	1.025	14.689						
11/20/2016 7:30:00 PM	423000.000	68.691	15.331	154.733	41561.652	50975.570	33.509	34.663
24.061	1.025	14.686						
11/20/2016 7:45:00 PM	423900.000	68.725	15.332	154.809	41596.406	51017.559	33.540	34.692
24.041	1.025	14.683						
11/20/2016 8:00:00 PM	424800.000	68.674	15.333	154.694	41527.016	50930.348	33.476	34.633
24.081	1.025	14.695						
11/20/2016 8:15:00 PM	425700.000	68.663	15.333	154.670	41567.629	50980.246	33.512	34.667
24.057	1.025	14.691						
11/20/2016 8:30:00 PM	426600.000	68.662	15.334	154.668	41539.715	50945.078	33.487	34.643
24.073	1.025	14.691						
11/20/2016 8:45:00 PM	427500.000	68.623	15.335	154.580	41540.801	50945.461	33.487	34.643
24.073	1.025	14.693						
11/20/2016 9:00:00 PM	428400.000	68.626	15.336	154.586	41562.859	50971.137	33.506	34.660
24.060	1.025	14.694						
11/20/2016 9:15:00 PM	429300.000	68.597	15.335	154.521	41507.176	50904.750	33.457	34.615
24.092	1.025	14.693						
11/20/2016 9:30:00 PM	430200.000	68.615	15.338	154.561	41534.449	50934.602	33.479	34.636
24.076	1.025	14.687						
11/20/2016 9:45:00 PM	431100.000	68.586	15.338	154.496	41591.703	51004.297	33.530	34.683
24.043	1.025	14.693						
11/20/2016 10:00:00 PM	432000.000	68.596	15.339	154.518	41566.793	50973.023	33.507	34.662
24.058	1.025	14.691						
11/20/2016 10:15:00 PM	432900.000	68.549	15.339	154.414	41528.664	50926.152	33.473	34.630
24.080	1.025	14.696						
11/20/2016 10:30:00 PM	433800.000	68.558	15.340	154.434	41547.074	50946.820	33.488	34.644
24.069	1.025	14.696						
11/20/2016 10:45:00 PM	434700.000	68.548	15.340	154.410	41514.742	50907.379	33.459	34.617
24.088	1.025	14.696						
11/20/2016 11:00:00 PM	435600.000	68.535	15.340	154.382	41575.160	50981.586	33.514	34.667
24.053	1.025	14.703						
11/20/2016 11:15:00 PM	436500.000	68.521	15.342	154.351	41563.508	50965.395	33.502	34.656
24.060	1.025	14.708						
11/20/2016 11:30:00 PM	437400.000	68.522	15.341	154.353	41553.371	50953.168	33.493	34.648
24.065	1.025	14.705						
11/20/2016 11:45:00 PM	438300.000	68.539	15.342	154.391	41521.457	50913.316	33.464	34.621
24.084	1.025	14.701						
11/21/2016 12:00:00 AM	439200.000	68.526	15.342	154.362	41537.805	50933.027	33.478	34.634
24.074	1.025	14.701						
11/21/2016 12:15:00 AM	440100.000	68.511	15.343	154.329	41569.789	50971.203	33.506	34.660
24.056	1.025	14.701						
11/21/2016 12:30:00 AM	441000.000	68.517	15.344	154.340	41543.867	50938.145	33.482	34.638
24.071	1.025	14.707						
11/21/2016 12:45:00 AM	441900.000	68.506	15.344	154.316	41566.504	50965.703	33.503	34.657
24.058	1.025	14.704						
11/21/2016 1:00:00 AM	442800.000	68.526	15.344	154.361	41544.574	50939.746	33.483	34.639
24.071	1.025	14.699						
11/21/2016 1:15:00 AM	443700.000	68.514	15.345	154.335	41540.230	50932.945	33.479	34.634
24.073	1.025	14.707						
11/21/2016 1:30:00 AM	444600.000	68.545	15.346	154.404	41530.152	50919.746	33.469	34.625
24.079	1.025	14.711						
11/21/2016 1:45:00 AM	445500.000	68.534	15.345	154.379	41523.168	50911.609	33.463	34.620
24.083	1.025	14.706						
11/21/2016 2:00:00 AM	446400.000	68.525	15.346	154.360	41569.113	50967.313	33.504	34.658
24.056	1.025	14.711						
11/21/2016 2:15:00 AM	447300.000	68.535	15.345	154.382	41535.156	50926.945	33.474	34.630
24.076	1.025	14.706						
11/21/2016 2:30:00 AM	448200.000	68.567	15.347	154.454	41540.797	50931.641	33.478	34.634
24.073	1.025	14.711						
11/21/2016 2:45:00 AM	449100.000	68.567	15.346	154.453	41508.820	50892.547	33.449	34.607
24.091	1.025	14.711						
11/21/2016 3:00:00 AM	450000.000	68.547	15.346	154.408	41538.082	50928.523	33.475	34.631
24.074	1.025	14.722						
11/21/2016 3:15:00 AM	450900.000	68.556	15.345	154.430	41536.445	50927.996	33.475	34.631
24.075	1.025	14.710						
11/21/2016 3:30:00 AM	451800.000	68.583	15.345	154.490	41566.523	50964.656	33.502	34.656
24.058	1.025	14.713						
11/21/2016 3:45:00 AM	452700.000	68.577	15.345	154.476	41531.586	50921.730	33.470	34.627
24.078	1.025	14.711						
11/21/2016 4:00:00 AM	453600.000	68.585	15.344	154.495	41508.680	50894.691	33.450	34.608
24.091	1.025	14.712						
11/21/2016 4:15:00 AM	454500.000	68.587	15.345	154.499	41556.074	50952.695	33.493	34.648
24.064	1.025	14.721						
11/21/2016 4:30:00 AM	455400.000	68.609	15.344	154.549	41578.086	50979.789	33.513	34.666
24.051	1.025	14.718						
11/21/2016 4:45:00 AM	456300.000	68.603	15.344	154.534	41586.969	50991.520	33.521	34.674
24.046	1.025	14.718						
11/21/2016 5:00:00 AM	457200.000	68.632	15.344	154.600	41546.355	50942.039	33.485	34.641
24.069	1.025	14.716						
11/21/2016 5:15:00 AM	458100.000	68.623	15.343	154.579	41583.727	50988.184	33.519	34.672
24.048	1.025	14.725						
11/21/2016 5:30:00 AM	459000.000	68.631	15.343	154.599	41559.727	50959.605	33.498	34.653
24.062	1.025	14.724						
11/21/2016 5:45:00 AM	459900.000	68.627	15.343	154.589	41532.582	50925.781	33.473	34.630
24.077	1.025	14.722						
11/21/2016 6:00:00 AM	460800.000	68.632	15.342	154.601	41533.875	50928.750	33.475	34.632
24.077	1.025	14.731						
11/21/2016 6:15:00 AM	461700.000	68.643	15.341	154.625	41521.598	50914.633	33.465	34.622
24.084	1.025	14.730						
11/21/2016 6:30:00 AM	462600.000	68.652	15.342	154.644	41521.734	50913.965	33.464	34.621
24.084	1.025	14.733						
11/21/2016 6:45:00 AM	463500.000	68.654	15.341	154.649	41549.004	50948.777	33.490	34.645
24.068	1.025	14.738						
11/21/2016 7:00:00 AM	464400.000	68.665	15.341	154.674	41560.707	50962.590	33.500	34.655
24.061	1.025	14.742						
11/21/2016 7:15:00 AM	465300.000	68.641	15.340	154.620	41556.215	50958.234	33.497	34.652
24.064	1.025	14.746						
11/21/2016 7:30:00 AM	466200.000	68.660	15.339	154.662	41553.930	50956.391	33.495	34.650
24.065	1.025	14.746						
11/21/2016 7:45:00 AM	467100.000	68.651	15.340	154.643	41534.020	50930.711	33.477	34.633
24.077	1.025	14.745						
11/21/2016 8:00:00 AM	468000.000	68.645	15.340	154.629	41571.289	50977.262	33.511	34.665
24.055	1.025	14.752						
11/21/2016 8:15:00 AM	468900.000	68.640	15.340	154.617	41543.422	50942.777	33.485	34.641
24.071	1.025	14.755						
11/21/2016 8:30:00 AM	469800.000	68.639	15.340	154.616	41549.094	50949.730	33.490	34.646
24.068	1.025	14.756						
11/21/2016 8:45:00 AM	470700.000	68.626	15.340	154.588	41553.285	50954.336	33.494	34.649
24.065	1.025	14.758						
11/21/2016 9:00:00 AM	471600.000	68.623	15.339	154.580	41540.230	50939.371	33.483	34.639
24.073	1.025	14.763						
11/21/2016 9:15:00 AM	472500.000	68.627	15.34					

24.046	1.025	14.760						
11/21/2016 9:45:00 AM	474300.000	68.619	15.340	154.570	41582.004	50990.398	33.520	34.673
24.049	1.025	14.764						
11/21/2016 10:00:00 AM	475200.000	68.613	15.339	154.558	41572.984	50979.539	33.512	34.666
24.054	1.025	14.761						
11/21/2016 10:15:00 AM	476100.000	68.604	15.340	154.536	41571.719	50977.477	33.511	34.665
24.055	1.025	14.764						
11/21/2016 10:30:00 AM	477000.000	68.601	15.340	154.531	41564.664	50968.387	33.504	34.659
24.059	1.025	14.764						
11/21/2016 10:45:00 AM	477900.000	68.606	15.341	154.541	41514.176	50905.840	33.458	34.616
24.088	1.025	14.766						
11/21/2016 11:00:00 AM	478800.000	68.611	15.341	154.552	41528.945	50924.070	33.472	34.628
24.080	1.025	14.765						
11/21/2016 11:15:00 AM	479700.000	68.581	15.341	154.486	41547.734	50946.254	33.488	34.643
24.069	1.025	14.764						
11/21/2016 11:30:00 AM	480600.000	68.568	15.341	154.457	41557.199	50958.188	33.497	34.652
24.063	1.025	14.766						
11/21/2016 11:45:00 AM	481500.000	68.572	15.341	154.465	41521.953	50914.641	33.465	34.622
24.084	1.025	14.761						
11/21/2016 12:00:00 PM	482400.000	68.562	15.342	154.443	41528.164	50922.055	33.470	34.627
24.080	1.025	14.760						
11/21/2016 12:15:00 PM	483300.000	68.556	15.342	154.429	41544.004	50941.371	33.484	34.640
24.071	1.025	14.759						
11/21/2016 12:30:00 PM	484200.000	68.551	15.343	154.418	41564.430	50965.141	33.502	34.656
24.059	1.025	14.759						
11/21/2016 12:45:00 PM	485100.000	68.561	15.343	154.440	41562.867	50963.344	33.501	34.655
24.060	1.025	14.762						
11/21/2016 1:00:00 PM	486000.000	68.562	15.343	154.443	41516.527	50905.586	33.458	34.616
24.087	1.025	14.757						
11/21/2016 1:15:00 PM	486900.000	68.544	15.343	154.401	41508.035	50895.789	33.451	34.609
24.092	1.025	14.758						
11/21/2016 1:30:00 PM	487800.000	68.540	15.342	154.392	41552.508	50951.059	33.492	34.647
24.066	1.025	14.755						
11/21/2016 1:45:00 PM	488700.000	68.537	15.344	154.387	41553.781	50950.828	33.492	34.647
24.065	1.025	14.759						
11/21/2016 2:00:00 PM	489600.000	68.537	15.344	154.387	41552.988	50949.328	33.491	34.646
24.066	1.025	14.761						
11/21/2016 2:15:00 PM	490500.000	68.538	15.344	154.389	41541.148	50935.547	33.480	34.636
24.073	1.025	14.756						
11/21/2016 2:30:00 PM	491400.000	68.545	15.344	154.405	41536.086	50929.031	33.476	34.632
24.075	1.025	14.759						
11/21/2016 2:45:00 PM	492300.000	68.545	15.344	154.403	41526.375	50916.816	33.467	34.623
24.081	1.025	14.759						
11/21/2016 3:00:00 PM	493200.000	68.545	15.344	154.404	41519.523	50908.723	33.461	34.618
24.085	1.025	14.763						
11/21/2016 3:15:00 PM	494100.000	68.550	15.344	154.415	41559.520	50957.453	33.496	34.651
24.062	1.025	14.760						
11/21/2016 3:30:00 PM	495000.000	68.548	15.344	154.411	41565.730	50964.754	33.502	34.656
24.058	1.025	14.762						
11/21/2016 3:45:00 PM	495900.000	68.540	15.344	154.393	41533.230	50925.730	33.473	34.629
24.077	1.025	14.769						
11/21/2016 4:00:00 PM	496800.000	68.546	15.344	154.408	41511.246	50898.348	33.453	34.611
24.090	1.025	14.766						
11/21/2016 4:15:00 PM	497700.000	68.545	15.343	154.404	41542.797	50938.305	33.482	34.638
24.072	1.025	14.766						
11/21/2016 4:30:00 PM	498600.000	68.540	15.344	154.392	41546.152	50940.836	33.484	34.640
24.070	1.025	14.771						
11/21/2016 4:45:00 PM	499500.000	68.546	15.344	154.406	41524.164	50913.875	33.465	34.621
24.082	1.025	14.765						
11/21/2016 5:00:00 PM	500400.000	68.554	15.344	154.425	41552.371	50949.000	33.490	34.645
24.066	1.025	14.762						
11/21/2016 5:15:00 PM	501300.000	68.544	15.344	154.402	41537.738	50931.055	33.477	34.633
24.074	1.025	14.768						
11/21/2016 5:30:00 PM	502200.000	68.531	15.345	154.373	41554.730	50951.047	33.492	34.647
24.065	1.025	14.775						
11/21/2016 5:45:00 PM	503100.000	68.552	15.345	154.419	41552.930	50948.840	33.490	34.645
24.066	1.025	14.775						
11/21/2016 6:00:00 PM	504000.000	68.546	15.344	154.407	41555.309	50951.973	33.492	34.647
24.064	1.025	14.781						
11/21/2016 6:15:00 PM	504900.000	68.517	15.344	154.341	41550.070	50945.750	33.488	34.643
24.067	1.025	14.783						
11/21/2016 6:30:00 PM	505800.000	68.507	15.345	154.318	41570.145	50969.625	33.505	34.659
24.056	1.025	14.787						
11/21/2016 6:45:00 PM	506700.000	68.497	15.345	154.297	41531.945	50922.906	33.471	34.628
24.078	1.025	14.786						
11/21/2016 7:00:00 PM	507600.000	68.492	15.344	154.284	41568.449	50968.086	33.504	34.658
24.057	1.025	14.788						
11/21/2016 7:15:00 PM	508500.000	68.477	15.346	154.252	41571.633	50969.656	33.506	34.659
24.055	1.025	14.789						
11/21/2016 7:30:00 PM	509400.000	68.476	15.345	154.248	41568.797	50967.246	33.504	34.658
24.057	1.025	14.791						
11/21/2016 7:45:00 PM	510300.000	68.458	15.347	154.207	41526.445	50913.207	33.464	34.621
24.081	1.025	14.799						
11/21/2016 8:00:00 PM	511200.000	68.473	15.347	154.243	41542.367	50933.047	33.479	34.634
24.072	1.025	14.789						
11/21/2016 8:15:00 PM	512100.000	68.439	15.347	154.165	41539.008	50928.930	33.476	34.632
24.074	1.025	14.799						
11/21/2016 8:30:00 PM	513000.000	68.427	15.347	154.138	41527.730	50915.422	33.466	34.622
24.080	1.025	14.798						
11/21/2016 8:45:00 PM	513900.000	68.411	15.348	154.102	41534.520	50922.039	33.471	34.627
24.076	1.025	14.807						
11/21/2016 9:00:00 PM	514800.000	68.404	15.349	154.088	41556.949	50948.492	33.490	34.645
24.063	1.025	14.805						
11/21/2016 9:15:00 PM	515700.000	68.416	15.349	154.115	41545.715	50934.184	33.480	34.635
24.070	1.025	14.804						
11/21/2016 9:30:00 PM	516600.000	68.392	15.350	154.061	41538.375	50924.570	33.473	34.629
24.074	1.025	14.810						
11/21/2016 9:45:00 PM	517500.000	68.366	15.350	154.000	41572.066	50965.762	33.503	34.657
24.055	1.025	14.810						
11/21/2016 10:00:00 PM	518400.000	68.372	15.351	154.015	41548.223	50935.594	33.481	34.636
24.068	1.025	14.809						
11/21/2016 10:15:00 PM	519300.000	68.358	15.351	153.983	41563.371	50953.625	33.494	34.648
24.060	1.025	14.817						
11/21/2016 10:30:00 PM	520200.000	68.352	15.353	153.969	41556.195	50943.047	33.487	34.641
24.064	1.025	14.809						
11/21/2016 10:45:00 PM	521100.000	68.335	15.353	153.932	41532.520	50914.023	33.465	34.622
24.078	1.025	14.818						
11/21/2016 11:00:00 PM	522000.000	68.311	15.354	153.877	41554.371	50939.953	33.484	34.639
24.065	1.025	14.812						
11/21/2016 11:15:00 PM	522900.000	68.312	15.354	153.879	41598.887	50993.477	33.524	34.676
24.039	1.025	14.811						
11/21/2016 11:30:00 PM	523800.000	68.303	15.355	153.859	41581.563	50971.906	33.508	34.661
24.049	1.025	14.814						
11/21/2016 11:45:00 PM	524700.000	68.294	15.356	153.838	41554.012	50936.988	33.482	34.637
24.065	1.025	14.809						
11/22/2016 12:00:00 AM	525600.000	68.287	15.357	153.824	41540.863	50918.766	33.469	34.625
24.073	1.025	14.809						
11/22/2016 12:15:00 AM	526500.000	68.272	15.357	153.789	41546.219	50925.539	33.474	34.629
24.070	1.025	14.815						
11/22/2016 12:30:00 AM	527400.000	68.285	15.357	153.818	41582.789	50970.676	33.507	34.660
24.048	1.025	14.819						
11/22/2016 12:45:00 AM	528300.000	68.272	15.359	153.789	41562.203	50943.449	33.487	34.642
24.060	1.025	14.815						
11/22/2016 1:00:00 AM	529200.000	68.291	15.358	153.833	41598.430	50988.270	33.520	34.672
24.039	1.025	14.812						
11/22/2016 1:15:00 AM	530100.000	68.294	15.360	153.839	41578.047	50960.758	33.500	34.653
24.051	1.025	14.810						
11/22/2016 1:30:00 AM	531000.000	68.303	15.360	153.859	41536.301	50910.430	33.463	34.619
24.075	1.025	14.800						
11/22/2016 1:45:00 AM	531900.000	68.300	15.360	153.852	41556.703	50935.125	33.481	34.636
24.064	1.025	14.809						

11/22/2016 2:15:00 AM	533700.000	68.300	15.361	153.852	41580.770	50962.832	33.502	34.655
24.050	1.025	14.816						
11/22/2016 2:30:00 AM	534600.000	68.315	15.362	153.886	41564.063	50941.934	33.486	34.641
24.059	1.025	14.808						
11/22/2016 2:45:00 AM	535500.000	68.312	15.362	153.879	41571.934	50951.895	33.494	34.647
24.055	1.025	14.817						
11/22/2016 3:00:00 AM	536400.000	68.317	15.363	153.890	41573.984	50952.086	33.494	34.647
24.054	1.025	14.817						
11/22/2016 3:15:00 AM	537300.000	68.332	15.361	153.924	41520.598	50889.398	33.448	34.605
24.084	1.025	14.809						
11/22/2016 3:30:00 AM	538200.000	68.336	15.363	153.933	41566.258	50943.781	33.488	34.642
24.058	1.025	14.810						
11/22/2016 3:45:00 AM	539100.000	68.313	15.362	153.882	41592.504	50976.367	33.512	34.664
24.043	1.025	14.812						
11/22/2016 4:00:00 AM	540000.000	68.341	15.362	153.945	41581.801	50963.047	33.502	34.655
24.049	1.025	14.814						
11/22/2016 4:15:00 AM	540900.000	68.340	15.364	153.942	41608.945	50994.832	33.525	34.676
24.033	1.025	14.814						
11/22/2016 4:30:00 AM	541800.000	68.350	15.362	153.964	41552.777	50927.793	33.476	34.631
24.066	1.025	14.813						
11/22/2016 4:45:00 AM	542700.000	68.333	15.363	153.926	41533.082	50902.582	33.458	34.614
24.077	1.025	14.814						
11/22/2016 5:00:00 AM	543600.000	68.359	15.363	153.985	41590.992	50973.992	33.510	34.662
24.044	1.025	14.814						
11/22/2016 5:15:00 AM	544500.000	68.344	15.364	153.951	41578.926	50958.039	33.498	34.651
24.051	1.025	14.820						
11/22/2016 5:30:00 AM	545400.000	68.357	15.362	153.980	41544.793	50917.891	33.469	34.624
24.070	1.025	14.815						
11/22/2016 5:45:00 AM	546300.000	68.375	15.363	154.022	41551.715	50925.320	33.474	34.629
24.066	1.025	14.817						
11/22/2016 6:00:00 AM	547200.000	68.381	15.363	154.034	41569.645	50947.086	33.490	34.644
24.056	1.025	14.822						
11/22/2016 6:15:00 AM	548100.000	68.391	15.361	154.057	41526.230	50896.195	33.453	34.609
24.081	1.025	14.816						
11/22/2016 6:30:00 AM	549000.000	68.370	15.361	154.010	41540.293	50913.738	33.466	34.621
24.073	1.025	14.824						
11/22/2016 6:45:00 AM	549900.000	68.384	15.361	154.041	41599.004	50985.609	33.518	34.670
24.039	1.025	14.818						
11/22/2016 7:00:00 AM	550800.000	68.376	15.361	154.024	41589.871	50974.414	33.510	34.663
24.044	1.025	14.822						
11/22/2016 7:15:00 AM	551700.000	68.380	15.361	154.033	41556.453	50933.234	33.480	34.635
24.064	1.025	14.826						
11/22/2016 7:30:00 AM	552600.000	68.397	15.361	154.071	41564.922	50943.926	33.488	34.642
24.059	1.025	14.829						
11/22/2016 7:45:00 AM	553500.000	68.394	15.361	154.064	41553.285	50929.973	33.478	34.632
24.065	1.025	14.830						
11/22/2016 8:00:00 AM	554400.000	68.395	15.361	154.067	41581.215	50964.008	33.503	34.656
24.049	1.025	14.830						
11/22/2016 8:15:00 AM	555300.000	68.397	15.360	154.072	41569.570	50950.895	33.493	34.647
24.056	1.025	14.829						
11/22/2016 8:30:00 AM	556200.000	68.373	15.360	154.017	41526.309	50898.184	33.454	34.611
24.081	1.025	14.834						
11/22/2016 8:45:00 AM	557100.000	68.387	15.360	154.048	41604.359	50993.848	33.524	34.676
24.036	1.025	14.837						
11/22/2016 9:00:00 AM	558000.000	68.384	15.359	154.042	41534.727	50909.672	33.463	34.619
24.076	1.025	14.836						
11/22/2016 9:15:00 AM	558900.000	68.361	15.359	153.989	41606.758	50997.098	33.527	34.678
24.035	1.025	14.838						
11/22/2016 9:30:00 AM	559800.000	68.381	15.360	154.035	41583.008	50966.941	33.505	34.658
24.048	1.025	14.829						
11/22/2016 9:45:00 AM	560700.000	68.371	15.360	154.013	41563.141	50942.699	33.487	34.641
24.060	1.025	14.833						
11/22/2016 10:00:00 AM	561600.000	68.339	15.360	153.940	41582.496	50966.641	33.504	34.657
24.049	1.025	14.838						
11/22/2016 10:15:00 AM	562500.000	68.348	15.360	153.961	41598.000	50985.953	33.519	34.670
24.040	1.025	14.836						
11/22/2016 10:30:00 AM	563400.000	68.340	15.361	153.942	41572.555	50953.699	33.495	34.649
24.054	1.025	14.835						
11/22/2016 10:45:00 AM	564300.000	68.334	15.361	153.928	41561.938	50939.859	33.485	34.639
24.060	1.025	14.830						
11/22/2016 11:00:00 AM	565200.000	68.309	15.361	153.872	41534.727	50906.828	33.461	34.617
24.076	1.025	14.826						
11/22/2016 11:15:00 AM	566100.000	68.318	15.360	153.894	41538.727	50912.668	33.465	34.621
24.074	1.025	14.829						
11/22/2016 11:30:00 AM	567000.000	68.314	15.362	153.885	41535.227	50906.691	33.461	34.617
24.076	1.025	14.818						
11/22/2016 11:45:00 AM	567900.000	68.305	15.362	153.864	41586.344	50969.133	33.506	34.659
24.046	1.025	14.817						
11/22/2016 12:00:00 PM	568800.000	68.291	15.363	153.833	41522.453	50889.559	33.448	34.605
24.083	1.025	14.814						
11/22/2016 12:15:00 PM	569700.000	68.286	15.363	153.822	41541.145	50912.363	33.465	34.620
24.073	1.025	14.807						
11/22/2016 12:30:00 PM	570600.000	68.271	15.363	153.787	41587.801	50969.754	33.507	34.659
24.046	1.025	14.810						
11/22/2016 12:45:00 PM	571500.000	68.267	15.363	153.778	41583.992	50964.570	33.503	34.656
24.048	1.025	14.811						
11/22/2016 1:00:00 PM	572400.000	68.242	15.364	153.722	41563.262	50938.324	33.484	34.638
24.060	1.025	14.810						
11/22/2016 1:15:00 PM	573300.000	68.256	15.365	153.753	41540.152	50909.266	33.463	34.618
24.073	1.025	14.808						
11/22/2016 1:30:00 PM	574200.000	68.256	15.364	153.752	41579.047	50957.133	33.498	34.651
24.051	1.025	14.807						
11/22/2016 1:45:00 PM	575100.000	68.257	15.366	153.755	41572.305	50947.594	33.491	34.644
24.054	1.025	14.802						
11/22/2016 2:00:00 PM	576000.000	68.252	15.367	153.745	41580.012	50955.793	33.497	34.650
24.050	1.025	14.800						
11/22/2016 2:15:00 PM	576900.000	68.252	15.366	153.745	41608.301	50991.082	33.523	34.674
24.034	1.025	14.803						
11/22/2016 2:30:00 PM	577800.000	68.242	15.366	153.722	41526.445	50890.883	33.449	34.606
24.081	1.025	14.809						
11/22/2016 2:45:00 PM	578700.000	68.224	15.367	153.682	41582.988	50959.016	33.499	34.652
24.046	1.025	14.808						
11/22/2016 3:00:00 PM	579600.000	68.229	15.366	153.693	41579.227	50954.934	33.496	34.649
24.050	1.025	14.801						
11/22/2016 3:15:00 PM	580500.000	68.243	15.367	153.725	41544.934	50912.270	33.465	34.620
24.070	1.025	14.809						
11/22/2016 3:30:00 PM	581400.000	68.244	15.367	153.727	41569.473	50942.453	33.487	34.641
24.056	1.025	14.811						
11/22/2016 3:45:00 PM	582300.000	68.253	15.368	153.747	41550.281	50917.352	33.469	34.624
24.067	1.025	14.805						
11/22/2016 4:00:00 PM	583200.000	68.250	15.368	153.740	41602.363	50982.023	33.516	34.668
24.037	1.025	14.807						
11/22/2016 4:15:00 PM	584100.000	68.254	15.368	153.749	41578.539	50951.879	33.494	34.647
24.051	1.025	14.809						
11/22/2016 4:30:00 PM	585000.000	68.255	15.368	153.751	41552.555	50920.250	33.471	34.626
24.066	1.025	14.809						
11/22/2016 4:45:00 PM	585900.000	68.253	15.369	153.746	41547.340	50913.320	33.466	34.621
24.069	1.025	14.813						
11/22/2016 5:00:00 PM	586800.000	68.258	15.368	153.758	41570.434	50942.047	33.487	34.641
24.056	1.025	14.809						
11/22/2016 5:15:00 PM	587700.000	68.254	15.369	153.748	41590.691	50966.246	33.505	34.657
24.044	1.025	14.812						
11/22/2016 5:30:00 PM	588600.000	68.258	15.368	153.758	41624.430	51008.215	33.536	34.686
24.024	1.025	14.809						
11/22/2016 5:45:00 PM	589500.000	68.257	15.369	153.756	41579.621	50952.258	33.495	34.648
24.050	1.025	14.811						
11/22/2016 6:00:00 PM	590400.000	68.254	15.369	153.750	41558.324	50925.734	33.475	34.630
24.063	1.025	14.814						
11/22/2016 6:15:00 PM	591300.000	68.258	15.369	153.758	41555.426	50922.184	33.473	34.627
24.064	1.025	14.813						
11/22/2016 6:30:00 PM	592200.000	68.253	15.370	153.747	41576.066	50946.840	33.491	34.644
24.052	1.025	14.814						

24.051	1.025	14.807						
11/22/2016 7:00:00 PM	594000.000	68.257	15.369	153.755	41579.617	50952.773	33.495	34.648
24.050	1.025	14.809						
11/22/2016 7:15:00 PM	594900.000	68.240	15.369	153.717	41581.195	50954.188	33.496	34.649
24.049	1.025	14.813						
11/22/2016 7:30:00 PM	595800.000	68.232	15.370	153.699	41557.563	50924.164	33.474	34.628
24.063	1.025	14.816						
11/22/2016 7:45:00 PM	596700.000	68.232	15.369	153.700	41583.121	50956.637	33.498	34.651
24.048	1.025	14.810						
11/22/2016 8:00:00 PM	597600.000	68.229	15.368	153.692	41567.871	50938.707	33.485	34.638
24.057	1.025	14.814						
11/22/2016 8:15:00 PM	598500.000	68.214	15.370	153.659	41607.430	50985.699	33.519	34.670
24.034	1.025	14.814						
11/22/2016 8:30:00 PM	599400.000	68.207	15.371	153.642	41569.082	50937.645	33.484	34.638
24.056	1.025	14.808						
11/22/2016 8:45:00 PM	600300.000	68.196	15.371	153.618	41568.922	50937.367	33.484	34.637
24.056	1.025	14.813						
11/22/2016 9:00:00 PM	601200.000	68.175	15.371	153.570	41618.180	50997.398	33.528	34.678
24.028	1.025	14.807						
11/22/2016 9:15:00 PM	602100.000	68.178	15.371	153.578	41569.918	50938.359	33.485	34.638
24.056	1.025	14.812						
11/22/2016 9:30:00 PM	603000.000	68.171	15.371	153.563	41611.738	50988.969	33.522	34.673
24.032	1.025	14.809						
11/22/2016 9:45:00 PM	603900.000	68.164	15.372	153.546	41557.785	50922.336	33.473	34.627
24.063	1.025	14.807						
11/22/2016 10:00:00 PM	604800.000	68.147	15.372	153.508	41597.426	50970.379	33.508	34.660
24.040	1.025	14.809						
11/22/2016 10:15:00 PM	605700.000	68.134	15.373	153.478	41547.504	50908.684	33.463	34.618
24.069	1.025	14.815						
11/22/2016 10:30:00 PM	606600.000	68.130	15.374	153.469	41577.191	50944.016	33.489	34.642
24.052	1.025	14.811						
11/22/2016 10:45:00 PM	607500.000	68.112	15.374	153.430	41559.129	50921.887	33.473	34.627
24.062	1.025	14.814						
11/22/2016 11:00:00 PM	608400.000	68.080	15.376	153.357	41585.063	50951.230	33.494	34.647
24.047	1.025	14.816						
11/22/2016 11:15:00 PM	609300.000	68.075	15.374	153.346	41579.387	50945.957	33.490	34.643
24.050	1.025	14.814						
11/22/2016 11:30:00 PM	610200.000	68.071	15.375	153.336	41587.984	50955.027	33.497	34.649
24.045	1.025	14.810						
11/22/2016 11:45:00 PM	611100.000	68.062	15.376	153.361	41559.563	50918.934	33.471	34.625
24.062	1.025	14.807						
11/23/2016 12:00:00 AM	612000.000	68.075	15.377	153.345	41539.574	50893.391	33.452	34.608
24.073	1.025	14.808						
11/23/2016 12:15:00 AM	612900.000	68.057	15.377	153.306	41584.781	50948.984	33.493	34.645
24.047	1.025	14.818						
11/23/2016 12:30:00 AM	613800.000	68.062	15.378	153.315	41566.328	50925.121	33.475	34.629
24.058	1.025	14.812						
11/23/2016 12:45:00 AM	614700.000	68.066	15.379	153.324	41585.746	50948.055	33.492	34.645
24.047	1.025	14.805						
11/23/2016 1:00:00 AM	615600.000	68.069	15.379	153.332	41566.922	50925.520	33.476	34.629
24.058	1.025	14.801						
11/23/2016 1:15:00 AM	616500.000	68.066	15.379	153.325	41573.148	50932.211	33.481	34.634
24.054	1.025	14.804						
11/23/2016 1:30:00 AM	617400.000	68.068	15.380	153.330	41539.715	50890.715	33.450	34.606
24.073	1.025	14.803						
11/23/2016 1:45:00 AM	618300.000	68.066	15.381	153.325	41577.566	50936.152	33.484	34.637
24.051	1.025	14.810						
11/23/2016 2:00:00 AM	619200.000	68.066	15.381	153.326	41565.934	50920.949	33.473	34.626
24.058	1.025	14.809						
11/23/2016 2:15:00 AM	620100.000	68.063	15.382	153.318	41608.828	50973.297	33.511	34.662
24.033	1.025	14.818						
11/23/2016 2:30:00 AM	621000.000	68.069	15.381	153.332	41582.582	50941.859	33.488	34.640
24.049	1.025	14.818						
11/23/2016 2:45:00 AM	621900.000	68.079	15.382	153.354	41587.398	50946.816	33.492	34.644
24.046	1.025	14.812						
11/23/2016 3:00:00 AM	622800.000	68.076	15.383	153.347	41592.043	50951.148	33.495	34.647
24.043	1.025	14.814						
11/23/2016 3:15:00 AM	623700.000	68.089	15.383	153.378	41581.141	50937.258	33.485	34.637
24.049	1.025	14.814						
11/23/2016 3:30:00 AM	624600.000	68.087	15.384	153.372	41588.375	50945.691	33.491	34.643
24.045	1.025	14.827						
11/23/2016 3:45:00 AM	625500.000	68.094	15.383	153.388	41572.066	50925.941	33.476	34.630
24.055	1.025	14.831						
11/23/2016 4:00:00 AM	626400.000	68.097	15.384	153.396	41566.285	50905.758	33.462	34.616
24.064	1.025	14.837						
11/23/2016 4:15:00 AM	627300.000	68.100	15.385	153.402	41611.621	50972.691	33.511	34.661
24.032	1.025	14.839						
11/23/2016 4:30:00 AM	628200.000	68.106	15.384	153.416	41562.996	50914.094	33.468	34.622
24.060	1.025	14.846						
11/23/2016 4:45:00 AM	629100.000	68.117	15.385	153.440	41595.316	50952.523	33.496	34.648
24.041	1.025	14.845						
11/23/2016 5:00:00 AM	630000.000	68.130	15.385	153.470	41552.133	50900.051	33.458	34.612
24.066	1.025	14.842						
11/23/2016 5:15:00 AM	630900.000	68.128	15.385	153.465	41561.910	50912.227	33.466	34.620
24.060	1.025	14.852						
11/23/2016 5:30:00 AM	631800.000	68.136	15.384	153.484	41549.285	50897.398	33.456	34.610
24.068	1.025	14.851						
11/23/2016 5:45:00 AM	632700.000	68.147	15.384	153.507	41587.516	50943.703	33.490	34.642
24.046	1.025	14.853						
11/23/2016 6:00:00 AM	633600.000	68.143	15.384	153.498	41611.176	50973.211	33.511	34.662
24.032	1.025	14.863						
11/23/2016 6:15:00 AM	634500.000	68.149	15.384	153.512	41566.781	50919.238	33.472	34.625
24.058	1.025	14.859						
11/23/2016 6:30:00 AM	635400.000	68.165	15.382	153.548	41576.996	50933.234	33.482	34.635
24.052	1.025	14.853						
11/23/2016 6:45:00 AM	636300.000	68.146	15.382	153.506	41625.949	50993.512	33.526	34.676
24.023	1.025	14.865						
11/23/2016 7:00:00 AM	637200.000	68.163	15.383	153.544	41618.422	50983.574	33.519	34.669
24.028	1.025	14.866						
11/23/2016 7:15:00 AM	638100.000	68.174	15.384	153.568	41578.637	50933.660	33.482	34.635
24.051	1.025	14.867						
11/23/2016 7:30:00 AM	639000.000	68.178	15.383	153.578	41559.922	50912.109	33.466	34.620
24.062	1.025	14.872						
11/23/2016 7:45:00 AM	639900.000	68.184	15.383	153.591	41598.859	50959.383	33.501	34.652
24.039	1.025	14.872						
11/23/2016 8:00:00 AM	640800.000	68.188	15.382	153.600	41582.094	50940.215	33.487	34.639
24.049	1.025	14.877						
11/23/2016 8:15:00 AM	641700.000	68.183	15.382	153.588	41558.352	50910.703	33.465	34.619
24.063	1.025	14.884						
11/23/2016 8:30:00 AM	642600.000	68.186	15.381	153.597	41560.848	50914.926	33.468	34.622
24.061	1.025	14.878						
11/23/2016 8:45:00 AM	643500.000	68.189	15.381	153.601	41566.879	50922.215	33.474	34.627
24.058	1.025	14.886						
11/23/2016 9:00:00 AM	644400.000	68.189	15.380	153.602	41596.414	50959.668	33.501	34.653
24.041	1.025	14.887						
11/23/2016 9:15:00 AM	645300.000	68.187	15.381	153.597	41562.645	50916.918	33.470	34.624
24.060	1.025	14.892						
11/23/2016 9:30:00 AM	646200.000	68.185	15.380	153.593	41551.211	50903.965	33.460	34.615
24.067	1.025	14.893						
11/23/2016 9:45:00 AM	647100.000	68.188	15.380	153.601	41575.211	50933.691	33.482	34.635
24.053	1.025	14.888						
11/23/2016 10:00:00 AM	648000.000	68.179	15.379	153.581	41603.902	50969.672	33.508	34.659
24.036	1.025	14.894						
11/23/2016 10:15:00 AM	648900.000	68.169	15.380	153.557	41570.793	50927.953	33.478	34.631
24.055	1.025	14.905						
11/23/2016 10:30:00 AM	649800.000	68.164	15.380	153.547	41589.051	50951.051	33.495	34.647
24.045	1.025	14.900						
11/23/2016 10:45:00 AM	650700.000	68.158	15.379	153.532	41561.199	50918.082	33.470	34.624
24.061	1.025	14.901						
11/23/2016 11:00:00 AM	651600.000	68.154	15.379	153.525	41566.570	50924.465	33.475	34.629
24.058	1.025	14.897						

11/23/2016 11:30:00 AM	653400.000	68.121	15.381	153.449	41612.105	50978.148	33.515	34.665
24.031	1.025	14.891						
11/23/2016 11:45:00 AM	654300.000	68.135	15.379	153.480	41519.953	50866.824	33.433	34.589
24.085	1.025	14.891						
11/23/2016 12:00:00 PM	655200.000	68.119	15.380	153.445	41582.539	50942.563	33.488	34.641
24.049	1.025	14.890						
11/23/2016 12:15:00 PM	656100.000	68.117	15.380	153.439	41566.223	50923.082	33.474	34.628
24.058	1.025	14.886						
11/23/2016 12:30:00 PM	657000.000	68.105	15.380	153.413	41585.520	50946.523	33.491	34.644
24.047	1.025	14.883						
11/23/2016 12:45:00 PM	657900.000	68.084	15.380	153.367	41567.438	50924.063	33.475	34.628
24.057	1.025	14.878						
11/23/2016 1:00:00 PM	658800.000	68.094	15.380	153.389	41537.434	50887.719	33.448	34.604
24.075	1.025	14.873						
11/23/2016 1:15:00 PM	659700.000	68.078	15.380	153.351	41555.145	50909.203	33.464	34.618
24.064	1.025	14.876						
11/23/2016 1:30:00 PM	660600.000	68.076	15.381	153.347	41531.367	50878.711	33.442	34.598
24.078	1.025	14.871						
11/23/2016 1:45:00 PM	661500.000	68.068	15.381	153.329	41563.145	50917.945	33.470	34.624
24.060	1.025	14.873						
11/23/2016 2:00:00 PM	662400.000	68.057	15.382	153.305	41580.117	50936.957	33.484	34.637
24.050	1.025	14.877						
11/23/2016 2:15:00 PM	663300.000	68.057	15.382	153.304	41583.406	50940.988	33.487	34.640
24.048	1.025	14.879						
11/23/2016 2:30:00 PM	664200.000	68.048	15.383	153.285	41574.984	50930.035	33.479	34.632
24.053	1.025	14.874						
11/23/2016 2:45:00 PM	665100.000	68.058	15.383	153.307	41573.082	50927.918	33.478	34.631
24.054	1.025	14.870						
11/23/2016 3:00:00 PM	666000.000	68.057	15.383	153.305	41586.277	50943.969	33.490	34.642
24.046	1.025	14.872						
11/23/2016 3:15:00 PM	666900.000	68.056	15.383	153.302	41592.723	50951.445	33.495	34.647
24.043	1.025	14.874						
11/23/2016 3:30:00 PM	667800.000	68.060	15.385	153.311	41578.277	50832.277	33.481	34.634
24.051	1.025	14.875						
11/23/2016 3:45:00 PM	668700.000	68.070	15.384	153.334	41561.645	50912.637	33.467	34.621
24.061	1.025	14.872						
11/23/2016 4:00:00 PM	669600.000	68.068	15.384	153.329	41603.656	50963.477	33.504	34.655
24.036	1.025	14.871						
11/23/2016 4:15:00 PM	670500.000	68.073	15.384	153.341	41556.070	50905.609	33.462	34.616
24.064	1.025	14.874						
11/23/2016 4:30:00 PM	671400.000	68.082	15.384	153.360	41576.563	50930.711	33.480	34.633
24.052	1.025	14.874						
11/23/2016 4:45:00 PM	672300.000	68.090	15.384	153.380	41573.648	50927.027	33.477	34.630
24.054	1.025	14.866						
11/23/2016 5:00:00 PM	673200.000	68.094	15.383	153.388	41530.152	50875.641	33.439	34.595
24.079	1.025	14.875						
11/23/2016 5:15:00 PM	674100.000	68.101	15.383	153.405	41577.727	50933.074	33.482	34.634
24.051	1.025	14.877						
11/23/2016 5:30:00 PM	675000.000	68.114	15.384	153.433	41586.676	50943.723	33.489	34.642
24.046	1.025	14.877						
11/23/2016 5:45:00 PM	675900.000	68.112	15.384	153.429	41581.387	50936.504	33.484	34.637
24.049	1.025	14.879						
11/23/2016 6:00:00 PM	676800.000	68.124	15.384	153.456	41603.406	50963.797	33.504	34.655
24.036	1.025	14.882						
11/23/2016 6:15:00 PM	677700.000	68.137	15.382	153.486	41562.785	50915.926	33.469	34.623
24.060	1.025	14.881						
11/23/2016 6:30:00 PM	678600.000	68.135	15.382	153.481	41608.941	50972.785	33.511	34.661
24.033	1.025	14.888						
11/23/2016 6:45:00 PM	679500.000	68.151	15.382	153.517	41557.277	50909.180	33.464	34.618
24.063	1.025	14.886						
11/23/2016 7:00:00 PM	680400.000	68.143	15.383	153.498	41614.313	50978.539	33.515	34.665
24.030	1.025	14.889						
11/23/2016 7:15:00 PM	681300.000	68.154	15.382	153.524	41608.887	50972.938	33.511	34.662
24.033	1.025	14.886						
11/23/2016 7:30:00 PM	682200.000	68.169	15.381	153.558	41602.301	50965.816	33.506	34.657
24.037	1.025	14.891						
11/23/2016 7:45:00 PM	683100.000	68.162	15.381	153.542	41599.570	50962.793	33.503	34.655
24.039	1.025	14.892						
11/23/2016 8:00:00 PM	684000.000	68.171	15.380	153.562	41593.719	50956.676	33.499	34.651
24.042	1.025	14.891						
11/23/2016 8:15:00 PM	684900.000	68.152	15.380	153.519	41582.629	50942.672	33.488	34.641
24.049	1.025	14.896						
11/23/2016 8:30:00 PM	685800.000	68.174	15.379	153.569	41577.340	50937.129	33.484	34.637
24.052	1.025	14.891						
11/23/2016 8:45:00 PM	686700.000	68.172	15.379	153.564	41531.297	50880.828	33.443	34.599
24.078	1.025	14.895						
11/23/2016 9:00:00 PM	687600.000	68.194	15.379	153.614	41563.059	50920.477	33.472	34.626
24.060	1.025	14.892						
11/23/2016 9:15:00 PM	688500.000	68.170	15.378	153.560	41588.840	50952.602	33.496	34.648
24.045	1.025	14.893						
11/23/2016 9:30:00 PM	689400.000	68.168	15.379	153.556	41567.359	50925.117	33.476	34.629
24.057	1.025	14.898						
11/23/2016 9:45:00 PM	690300.000	68.177	15.378	153.575	41587.461	50950.793	33.494	34.647
24.046	1.025	14.899						
11/23/2016 10:00:00 PM	691200.000	68.174	15.377	153.569	41569.465	50930.219	33.479	34.633
24.056	1.025	14.896						
11/23/2016 10:15:00 PM	692100.000	68.184	15.377	153.592	41565.840	50925.996	33.476	34.630
24.058	1.025	14.903						
11/23/2016 10:30:00 PM	693000.000	68.160	15.378	153.538	41598.906	50965.770	33.505	34.657
24.039	1.025	14.900						
11/23/2016 10:45:00 PM	693900.000	68.174	15.377	153.568	41529.727	50881.531	33.443	34.599
24.079	1.025	14.900						
11/23/2016 11:00:00 PM	694800.000	68.142	15.378	153.497	41563.316	50921.750	33.473	34.627
24.060	1.025	14.905						
11/23/2016 11:15:00 PM	695700.000	68.151	15.378	153.516	41557.500	50914.512	33.468	34.622
24.063	1.025	14.907						
11/23/2016 11:30:00 PM	696600.000	68.143	15.378	153.499	41576.637	50938.484	33.485	34.638
24.052	1.025	14.904						
11/23/2016 11:45:00 PM	697500.000	68.132	15.378	153.474	41556.707	50914.070	33.467	34.622
24.064	1.025	14.906						

Report Date: 11/28/2016 8:32:51 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_2016-11-24_16-05-01-916.wsl
Create Date: 11/24/2016 4:05:00 PM

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

Log Data:
 Record Count: 840
 Sensors: 1
 1 - 421436: PCTD 100 PSIG (70m/231ft)
 Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time		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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11/17/2016 12:00:00 AM	93600.000		19.647
14.556	44.258		40931.316
51131.383	33.559		34769.340
24.431	1.025		
11/17/2016 12:15:00 AM	94500.000		19.649
14.556	44.261		40959.922
51166.781	33.585		34793.410
24.414	1.025		
11/17/2016 12:30:00 AM	95400.000		19.642
14.556	44.246		40924.305
51121.965	33.553		34762.938
24.435	1.025		
11/17/2016 12:45:00 AM	96300.000		19.641
14.556	44.244		40953.461
51158.387	33.579		34787.703
24.418	1.025		
11/17/2016 1:00:00 AM	97200.000		19.640
14.557	44.240		40945.363
51147.637	33.571		34780.395
24.423	1.025		
11/17/2016 1:15:00 AM	98100.000		19.642
14.556	44.246		40911.074
51105.230	33.540		34751.559
24.443	1.025		

11/17/2016 1:30:00 AM	99000.000	19.640
14.557	44.240	40922.867
51118.555	33.550	34760.621
24.436	1.025	
11/17/2016 1:45:00 AM	99900.000	19.640
14.558	44.240	40960.313
51165.008	33.584	34792.211
24.414	1.025	
11/17/2016 2:00:00 AM	100800.000	19.637
14.557	44.234	40929.707
51127.215	33.557	34766.512
24.432	1.025	
11/17/2016 2:15:00 AM	101700.000	19.643
14.558	44.249	40957.332
51161.281	33.582	34789.672
24.416	1.025	
11/17/2016 2:30:00 AM	102600.000	19.644
14.557	44.251	40959.176
51165.094	33.584	34792.266
24.415	1.025	
11/17/2016 2:45:00 AM	103500.000	19.646
14.558	44.254	40961.914
51166.781	33.586	34793.410
24.413	1.025	
11/17/2016 3:00:00 AM	104400.000	19.655
14.557	44.274	40956.090
51160.484	33.581	34789.133
24.416	1.025	
11/17/2016 3:15:00 AM	105300.000	19.667
14.558	44.302	40914.961
51108.355	33.543	34753.684
24.441	1.025	
11/17/2016 3:30:00 AM	106200.000	19.668
14.557	44.305	40931.469
51130.168	33.559	34768.516
24.431	1.025	
11/17/2016 3:45:00 AM	107100.000	19.675
14.558	44.320	40941.816
51142.004	33.567	34776.566
24.425	1.025	
11/17/2016 4:00:00 AM	108000.000	19.670
14.557	44.308	40963.586
51170.500	33.588	34795.945
24.412	1.025	
11/17/2016 4:15:00 AM	108900.000	19.672
14.557	44.314	40954.598
51158.512	33.579	34787.793
24.417	1.025	
11/17/2016 4:30:00 AM	109800.000	19.676
14.558	44.322	40934.980
51132.816	33.561	34770.316
24.429	1.025	
11/17/2016 4:45:00 AM	110700.000	19.675
14.557	44.319	40907.551
51100.168	33.537	34748.117
24.445	1.025	
11/17/2016 5:00:00 AM	111600.000	19.675

14.557	44.319	40939.992
51140.816	33.566	34775.758
24.426	1.025	
11/17/2016 5:15:00 AM	112500.000	19.676
14.556	44.322	40936.582
51137.727	33.564	34773.660
24.428	1.025	
11/17/2016 5:30:00 AM	113400.000	19.669
14.557	44.307	40924.625
51121.293	33.552	34762.480
24.435	1.025	
11/17/2016 5:45:00 AM	114300.000	19.668
14.557	44.305	40944.270
51145.402	33.570	34778.879
24.423	1.025	
11/17/2016 6:00:00 AM	115200.000	19.669
14.557	44.307	40933.512
51132.391	33.560	34770.027
24.430	1.025	
11/17/2016 6:15:00 AM	116100.000	19.670
14.557	44.308	40934.266
51133.113	33.561	34770.516
24.429	1.025	
11/17/2016 6:30:00 AM	117000.000	19.660
14.557	44.285	40960.438
51166.027	33.585	34792.898
24.414	1.025	
11/17/2016 6:45:00 AM	117900.000	19.659
14.557	44.285	40932.191
51130.418	33.559	34768.684
24.431	1.025	
11/17/2016 7:00:00 AM	118800.000	19.661
14.558	44.288	40949.227
51150.395	33.574	34782.273
24.420	1.025	
11/17/2016 7:15:00 AM	119700.000	19.653
14.558	44.270	40959.703
51164.348	33.584	34791.758
24.414	1.025	
11/17/2016 7:30:00 AM	120600.000	19.658
14.557	44.281	40962.074
51167.531	33.586	34793.922
24.413	1.025	
11/17/2016 7:45:00 AM	121500.000	19.653
14.557	44.270	40955.992
51160.473	33.581	34789.125
24.416	1.025	
11/17/2016 8:00:00 AM	122400.000	19.655
14.558	44.274	40951.863
51154.348	33.576	34784.957
24.419	1.025	
11/17/2016 8:15:00 AM	123300.000	19.654
14.558	44.272	40912.301
51104.270	33.540	34750.902
24.443	1.025	
11/17/2016 8:30:00 AM	124200.000	19.656
14.558	44.277	40934.379

51131.848	33.560	34769.656
24.429	1.025	
11/17/2016 8:45:00 AM	125100.000	19.662
14.558	44.291	40968.309
51175.207	33.592	34799.141
24.409	1.025	
11/17/2016 9:00:00 AM	126000.000	19.676
14.557	44.322	40952.684
51156.777	33.578	34786.609
24.418	1.025	
11/17/2016 9:15:00 AM	126900.000	19.678
14.557	44.326	40965.168
51171.613	33.589	34796.699
24.411	1.025	
11/17/2016 9:30:00 AM	127800.000	19.680
14.558	44.332	40948.914
51150.219	33.573	34782.148
24.421	1.025	
11/17/2016 9:45:00 AM	128700.000	19.683
14.559	44.337	40937.160
51135.105	33.562	34771.875
24.428	1.025	
11/17/2016 10:00:00 AM	129600.000	19.691
14.558	44.355	40929.199
51125.594	33.555	34765.402
24.432	1.025	
11/17/2016 10:15:00 AM	130500.000	19.692
14.559	44.358	40951.219
51152.668	33.575	34783.816
24.419	1.025	
11/17/2016 10:30:00 AM	131400.000	19.704
14.559	44.384	40921.684
51115.773	33.548	34758.727
24.437	1.025	
11/17/2016 10:45:00 AM	132300.000	19.709
14.558	44.397	40942.941
51142.758	33.568	34777.078
24.424	1.025	
11/17/2016 11:00:00 AM	133200.000	19.720
14.558	44.422	40934.953
51132.992	33.561	34770.434
24.429	1.025	
11/17/2016 11:15:00 AM	134100.000	19.721
14.558	44.424	40939.211
51138.859	33.565	34774.430
24.426	1.025	
11/17/2016 11:30:00 AM	135000.000	19.733
14.559	44.451	40965.230
51169.957	33.588	34795.570
24.411	1.025	
11/17/2016 11:45:00 AM	135900.000	19.743
14.558	44.472	40930.746
51128.176	33.557	34767.164
24.432	1.025	
11/17/2016 12:00:00 PM	136800.000	19.752
14.558	44.493	40944.738
51144.785	33.570	34778.453

24.423	1.025	
11/17/2016 12:15:00 PM	137700.000	19.762
14.559	44.516	40923.445
51117.867	33.550	34760.152
24.436	1.025	
11/17/2016 12:30:00 PM	138600.000	19.762
14.558	44.515	40929.020
51125.473	33.555	34765.324
24.433	1.025	
11/17/2016 12:45:00 PM	139500.000	19.779
14.557	44.553	40937.656
51137.145	33.564	34773.258
24.427	1.025	
11/17/2016 1:00:00 PM	140400.000	19.786
14.558	44.570	40943.309
51143.867	33.569	34777.828
24.424	1.025	
11/17/2016 1:15:00 PM	141300.000	19.789
14.558	44.577	40919.277
51113.852	33.547	34757.418
24.438	1.025	
11/17/2016 1:30:00 PM	142200.000	19.796
14.558	44.592	40921.180
51116.227	33.549	34759.035
24.437	1.025	
11/17/2016 1:45:00 PM	143100.000	19.806
14.558	44.615	40916.973
51110.973	33.545	34755.461
24.440	1.025	
11/17/2016 2:00:00 PM	144000.000	19.807
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51115.473	33.548	34758.527
24.438	1.025	
11/17/2016 2:15:00 PM	144900.000	19.811
14.557	44.627	40951.309
51155.063	33.577	34785.441
24.419	1.025	
11/17/2016 2:30:00 PM	145800.000	19.819
14.556	44.644	40922.219
51119.039	33.550	34760.949
24.437	1.025	
11/17/2016 2:45:00 PM	146700.000	19.816
14.556	44.638	40942.152
51144.688	33.569	34778.391
24.425	1.025	
11/17/2016 3:00:00 PM	147600.000	19.819
14.556	44.645	40960.129
51167.141	33.586	34793.660
24.414	1.025	
11/17/2016 3:15:00 PM	148500.000	19.815
14.555	44.635	40916.473
51113.047	33.546	34756.875
24.440	1.025	
11/17/2016 3:30:00 PM	149400.000	19.819
14.556	44.643	40909.242
51103.910	33.539	34750.660
24.444	1.025	

11/17/2016 3:45:00 PM	150300.000	19.821
14.555	44.649	40966.859
51175.988	33.592	34799.676
24.410	1.025	
11/17/2016 4:00:00 PM	151200.000	19.819
14.555	44.644	40900.719
51093.477	33.532	34743.566
24.449	1.025	
11/17/2016 4:15:00 PM	152100.000	19.817
14.555	44.639	40933.199
51134.824	33.562	34771.684
24.430	1.025	
11/17/2016 4:30:00 PM	153000.000	19.826
14.555	44.661	40954.133
51161.078	33.581	34789.535
24.418	1.025	
11/17/2016 4:45:00 PM	153900.000	19.826
14.553	44.660	40925.684
51127.160	33.556	34766.473
24.435	1.025	
11/17/2016 5:00:00 PM	154800.000	19.822
14.554	44.652	40921.219
51121.039	33.552	34762.309
24.437	1.025	
11/17/2016 5:15:00 PM	155700.000	19.822
14.554	44.651	40953.574
51160.922	33.581	34789.430
24.418	1.025	
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14.554	44.637	40939.316
51143.527	33.568	34777.598
24.426	1.025	
11/17/2016 5:45:00 PM	157500.000	19.808
14.553	44.620	40952.352
51160.574	33.581	34789.191
24.419	1.025	
11/17/2016 6:00:00 PM	158400.000	19.802
14.554	44.606	40916.465
51114.980	33.547	34758.191
24.440	1.025	
11/17/2016 6:15:00 PM	159300.000	19.796
14.553	44.592	40933.543
51136.863	33.563	34773.066
24.430	1.025	
11/17/2016 6:30:00 PM	160200.000	19.790
14.553	44.579	40900.074
51095.266	33.533	34744.781
24.450	1.025	
11/17/2016 6:45:00 PM	161100.000	19.776
14.553	44.548	40926.617
51128.973	33.557	34767.703
24.434	1.025	
11/17/2016 7:00:00 PM	162000.000	19.771
14.554	44.537	40928.918
51130.434	33.559	34768.695
24.433	1.025	
11/17/2016 7:15:00 PM	162900.000	19.760

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24.425	1.025	
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51151.938	33.574	34783.316
24.422	1.025	
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14.554	44.489	40932.633
51134.434	33.562	34771.414
24.430	1.025	
11/17/2016 8:00:00 PM	165600.000	19.736
14.554	44.458	40963.988
51174.582	33.591	34798.719
24.412	1.025	
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14.554	44.441	40914.211
51111.418	33.545	34755.770
24.441	1.025	
11/17/2016 8:30:00 PM	167400.000	19.724
14.554	44.430	40935.641
51138.832	33.565	34774.406
24.429	1.025	
11/17/2016 8:45:00 PM	168300.000	19.706
14.555	44.391	40920.719
51119.230	33.550	34761.078
24.437	1.025	
11/17/2016 9:00:00 PM	169200.000	19.699
14.555	44.374	40918.695
51116.047	33.548	34758.914
24.439	1.025	
11/17/2016 9:15:00 PM	170100.000	19.691
14.555	44.355	40931.902
51132.973	33.561	34770.426
24.431	1.025	
11/17/2016 9:30:00 PM	171000.000	19.683
14.556	44.337	40904.102
51097.051	33.534	34746.000
24.447	1.025	
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14.556	44.315	40932.977
51133.121	33.561	34770.527
24.430	1.025	
11/17/2016 10:00:00 PM	172800.000	19.666
14.555	44.300	40919.988
51118.086	33.550	34760.301
24.438	1.025	
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14.556	44.280	40958.508
51164.910	33.584	34792.141
24.415	1.025	
11/17/2016 10:30:00 PM	174600.000	19.641
14.556	44.243	40924.590
51122.117	33.553	34763.043
24.435	1.025	
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14.556	44.242	40939.465

51140.695	33.566	34775.672
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11/17/2016 11:00:00 PM	176400.000	19.632
14.557	44.224	40905.824
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24.446	1.025	
11/17/2016 11:15:00 PM	177300.000	19.622
14.557	44.201	40932.227
51130.465	33.559	34768.715
24.431	1.025	
11/17/2016 11:30:00 PM	178200.000	19.625
14.557	44.208	40924.309
51120.895	33.552	34762.207
24.435	1.025	
11/17/2016 11:45:00 PM	179100.000	19.613
14.558	44.181	40945.715
51145.895	33.570	34779.211
24.423	1.025	
11/18/2016 12:00:00 AM	180000.000	19.603
14.558	44.158	40943.723
51144.281	33.569	34778.113
24.424	1.025	
11/18/2016 12:15:00 AM	180900.000	19.602
14.558	44.156	40941.961
51141.535	33.567	34776.250
24.425	1.025	
11/18/2016 12:30:00 AM	181800.000	19.594
14.558	44.137	40934.594
51132.777	33.561	34770.289
24.429	1.025	
11/18/2016 12:45:00 AM	182700.000	19.596
14.560	44.143	40930.137
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24.432	1.025	
11/18/2016 1:00:00 AM	183600.000	19.592
14.559	44.132	40949.727
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11/18/2016 1:15:00 AM	184500.000	19.589
14.560	44.126	40944.891
51143.254	33.569	34777.418
24.423	1.025	
11/18/2016 1:30:00 AM	185400.000	19.585
14.560	44.118	40944.273
51142.484	33.568	34776.895
24.423	1.025	
11/18/2016 1:45:00 AM	186300.000	19.580
14.560	44.106	40930.434
51124.438	33.555	34764.617
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11/18/2016 2:00:00 AM	187200.000	19.582
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51159.883	33.581	34788.719
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51164.930	33.584	34792.152

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24.430	1.025	
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14.561	44.122	40929.234
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24.435	1.025	
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14.562	44.106	40929.016
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24.433	1.025	
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51126.191	33.556	34765.813
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51143.277	33.569	34777.430
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24.417	1.025	
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14.562	44.137	40950.570
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24.420	1.025	
11/18/2016 5:15:00 AM	198900.000	19.595
14.562	44.139	40943.559
51139.207	33.566	34774.660
24.424	1.025	
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14.561	44.145	40945.875
51142.422	33.568	34776.848
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51145.199	33.570	34778.734
24.421	1.025	
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14.562	44.114	40921.645
51110.973	33.545	34755.461
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14.561	44.097	40911.398
51099.574	33.537	34747.711
24.443	1.025	
11/18/2016 7:45:00 AM	207900.000	19.582
14.562	44.111	40922.332
51112.262	33.546	34756.340
24.437	1.025	
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51139.020	33.566	34774.535
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24.429	1.025	
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24.423	1.025	
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51120.168	33.552	34761.715
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51136.145	33.564	34772.578
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24.436	1.025	
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51137.742	33.565	34773.668
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24.432	1.025	
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14.565	44.332	40935.238
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14.563	44.342	40917.438
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24.441	1.025	
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14.564	44.352	40931.785
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24.427	1.025	
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14.563	44.356	40937.867
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24.427	1.025	
11/18/2016 4:00:00 PM	237600.000	19.687
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14.564	44.354	40953.855
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24.418	1.025	
11/18/2016 4:30:00 PM	239400.000	19.687
14.564	44.346	40926.652
51114.848	33.548	34758.098

24.434	1.025	
11/18/2016 4:45:00 PM	240300.000	19.683
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51157.563	33.579	34787.148
24.414	1.025	
11/18/2016 5:00:00 PM	241200.000	19.685
14.564	44.342	40931.582
51121.867	33.553	34762.875
24.431	1.025	
11/18/2016 5:15:00 PM	242100.000	19.675
14.563	44.321	40943.848
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24.424	1.025	
11/18/2016 5:30:00 PM	243000.000	19.672
14.563	44.314	40934.918
51127.121	33.557	34766.441
24.429	1.025	
11/18/2016 5:45:00 PM	243900.000	19.680
14.563	44.331	40919.348
51107.016	33.542	34752.770
24.438	1.025	
11/18/2016 6:00:00 PM	244800.000	19.674
14.563	44.316	40924.781
51114.668	33.548	34757.973
24.435	1.025	
11/18/2016 6:15:00 PM	245700.000	19.668
14.562	44.304	40928.262
51119.445	33.551	34761.223
24.433	1.025	
11/18/2016 6:30:00 PM	246600.000	19.666
14.563	44.300	40938.852
51131.801	33.560	34769.625
24.427	1.025	
11/18/2016 6:45:00 PM	247500.000	19.656
14.564	44.278	40936.355
51128.047	33.558	34767.070
24.428	1.025	
11/18/2016 7:00:00 PM	248400.000	19.652
14.562	44.268	40938.063
51131.480	33.560	34769.410
24.427	1.025	
11/18/2016 7:15:00 PM	249300.000	19.641
14.562	44.244	40969.734
51171.355	33.589	34796.523
24.408	1.025	
11/18/2016 7:30:00 PM	250200.000	19.633
14.563	44.226	40951.453
51147.543	33.572	34780.332
24.419	1.025	
11/18/2016 7:45:00 PM	251100.000	19.624
14.563	44.206	40925.965
51115.605	33.549	34758.613
24.434	1.025	
11/18/2016 8:00:00 PM	252000.000	19.620
14.564	44.195	40985.324
51188.555	33.602	34808.219
24.399	1.025	

11/18/2016 8:15:00 PM	252900.000	19.605
14.565	44.161	40932.016
51121.320	33.553	34762.500
24.431	1.025	
11/18/2016 8:30:00 PM	253800.000	19.600
14.563	44.151	40926.676
51116.059	33.549	34758.922
24.434	1.025	
11/18/2016 8:45:00 PM	254700.000	19.591
14.564	44.130	40954.563
51150.234	33.574	34782.160
24.417	1.025	
11/18/2016 9:00:00 PM	255600.000	19.576
14.565	44.097	40930.059
51118.656	33.551	34760.688
24.432	1.025	
11/18/2016 9:15:00 PM	256500.000	19.566
14.565	44.075	40932.293
51121.547	33.553	34762.652
24.431	1.025	
11/18/2016 9:30:00 PM	257400.000	19.562
14.565	44.064	40944.375
51136.215	33.564	34772.625
24.423	1.025	
11/18/2016 9:45:00 PM	258300.000	19.547
14.566	44.032	40938.984
51128.180	33.558	34767.168
24.427	1.025	
11/18/2016 10:00:00 PM	259200.000	19.540
14.566	44.015	40922.805
51107.977	33.543	34753.426
24.436	1.025	
11/18/2016 10:15:00 PM	260100.000	19.529
14.566	43.990	40940.211
51130.375	33.560	34768.656
24.426	1.025	
11/18/2016 10:30:00 PM	261000.000	19.524
14.565	43.979	40915.965
51101.055	33.538	34748.723
24.440	1.025	
11/18/2016 10:45:00 PM	261900.000	19.516
14.566	43.962	40921.645
51106.871	33.542	34752.676
24.437	1.025	
11/18/2016 11:00:00 PM	262800.000	19.512
14.567	43.954	40931.859
51118.418	33.551	34760.523
24.431	1.025	
11/18/2016 11:15:00 PM	263700.000	19.502
14.567	43.931	40950.781
51141.941	33.568	34776.520
24.420	1.025	
11/18/2016 11:30:00 PM	264600.000	19.492
14.567	43.908	40939.563
51128.039	33.558	34767.066
24.426	1.025	
11/18/2016 11:45:00 PM	265500.000	19.493

14.568	43.909	40944.535
51132.844	33.562	34770.336
24.423	1.025	
11/19/2016 12:00:00 AM	266400.000	19.485
14.568	43.891	40957.852
51150.023	33.574	34782.016
24.415	1.025	
11/19/2016 12:15:00 AM	267300.000	19.479
14.568	43.879	40928.152
51112.496	33.547	34756.496
24.433	1.025	
11/19/2016 12:30:00 AM	268200.000	19.470
14.568	43.858	40947.867
51137.238	33.565	34773.328
24.421	1.025	
11/19/2016 12:45:00 AM	269100.000	19.468
14.568	43.853	40951.547
51141.172	33.568	34775.996
24.419	1.025	
11/19/2016 1:00:00 AM	270000.000	19.464
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51139.594	33.567	34774.930
24.419	1.025	
11/19/2016 1:15:00 AM	270900.000	19.462
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51114.188	33.548	34757.648
24.431	1.025	
11/19/2016 1:30:00 AM	271800.000	19.459
14.569	43.834	40912.766
51091.766	33.532	34742.406
24.442	1.025	
11/19/2016 1:45:00 AM	272700.000	19.448
14.570	43.808	40948.219
51134.637	33.563	34771.559
24.421	1.025	
11/19/2016 2:00:00 AM	273600.000	19.452
14.571	43.818	40919.563
51098.195	33.536	34746.777
24.438	1.025	
11/19/2016 2:15:00 AM	274500.000	19.445
14.571	43.803	40950.465
51137.105	33.565	34773.230
24.420	1.025	
11/19/2016 2:30:00 AM	275400.000	19.443
14.572	43.798	40954.586
51140.316	33.567	34775.418
24.417	1.025	
11/19/2016 2:45:00 AM	276300.000	19.446
14.571	43.803	40936.359
51118.531	33.551	34760.605
24.428	1.025	
11/19/2016 3:00:00 AM	277200.000	19.448
14.572	43.809	40963.715
51151.500	33.576	34783.020
24.412	1.025	
11/19/2016 3:15:00 AM	278100.000	19.439
14.573	43.789	40920.242

51096.230	33.535	34745.438
24.438	1.025	
11/19/2016 3:30:00 AM	279000.000	19.438
14.573	43.786	40920.063
51096.543	33.535	34745.652
24.438	1.025	
11/19/2016 3:45:00 AM	279900.000	19.444
14.572	43.800	40922.621
51099.969	33.538	34747.980
24.436	1.025	
11/19/2016 4:00:00 AM	280800.000	19.442
14.574	43.796	40928.262
51105.063	33.542	34751.441
24.433	1.025	
11/19/2016 4:15:00 AM	281700.000	19.443
14.574	43.797	40958.930
51143.570	33.570	34777.629
24.415	1.025	
11/19/2016 4:30:00 AM	282600.000	19.450
14.574	43.813	40940.242
51120.453	33.553	34761.914
24.426	1.025	
11/19/2016 4:45:00 AM	283500.000	19.457
14.574	43.828	40968.613
51155.988	33.579	34786.074
24.409	1.025	
11/19/2016 5:00:00 AM	284400.000	19.454
14.574	43.822	40950.648
51133.680	33.563	34770.906
24.420	1.025	
11/19/2016 5:15:00 AM	285300.000	19.465
14.574	43.846	40925.242
51101.723	33.539	34749.172
24.435	1.025	
11/19/2016 5:30:00 AM	286200.000	19.466
14.573	43.850	40953.910
51138.383	33.566	34774.105
24.418	1.025	
11/19/2016 5:45:00 AM	287100.000	19.469
14.574	43.855	40945.434
51127.168	33.558	34766.477
24.423	1.025	
11/19/2016 6:00:00 AM	288000.000	19.471
14.575	43.861	40981.965
51171.141	33.590	34796.375
24.401	1.025	
11/19/2016 6:15:00 AM	288900.000	19.470
14.574	43.858	40913.301
51085.945	33.528	34738.441
24.442	1.025	
11/19/2016 6:30:00 AM	289800.000	19.475
14.574	43.869	40958.809
51142.766	33.569	34777.086
24.415	1.025	
11/19/2016 6:45:00 AM	290700.000	19.478
14.575	43.875	40973.063
51160.141	33.582	34788.895

24.406	1.025	
11/19/2016 7:00:00 AM	291600.000	19.480
14.574	43.880	40942.230
51122.613	33.555	34763.383
24.425	1.025	
11/19/2016 7:15:00 AM	292500.000	19.484
14.575	43.890	40930.488
51106.863	33.543	34752.672
24.432	1.025	
11/19/2016 7:30:00 AM	293400.000	19.489
14.575	43.901	40934.887
51111.809	33.547	34756.031
24.429	1.025	
11/19/2016 7:45:00 AM	294300.000	19.488
14.576	43.899	40938.875
51116.262	33.550	34759.059
24.427	1.025	
11/19/2016 8:00:00 AM	295200.000	19.493
14.575	43.910	40927.406
51103.016	33.540	34750.055
24.434	1.025	
11/19/2016 8:15:00 AM	296100.000	19.495
14.575	43.914	40935.773
51113.793	33.548	34757.383
24.429	1.025	
11/19/2016 8:30:00 AM	297000.000	19.498
14.575	43.921	40948.684
51129.484	33.560	34768.051
24.421	1.025	
11/19/2016 8:45:00 AM	297900.000	19.502
14.575	43.930	40939.121
51117.758	33.551	34760.074
24.427	1.025	
11/19/2016 9:00:00 AM	298800.000	19.505
14.575	43.937	40967.816
51153.801	33.578	34784.586
24.409	1.025	
11/19/2016 9:15:00 AM	299700.000	19.513
14.574	43.956	40947.223
51128.531	33.559	34767.402
24.422	1.025	
11/19/2016 9:30:00 AM	300600.000	19.515
14.575	43.960	40968.508
51153.688	33.578	34784.508
24.409	1.025	
11/19/2016 9:45:00 AM	301500.000	19.528
14.575	43.988	40971.258
51158.098	33.581	34787.512
24.407	1.025	
11/19/2016 10:00:00 AM	302400.000	19.530
14.575	43.992	40951.266
51132.492	33.562	34770.098
24.419	1.025	
11/19/2016 10:15:00 AM	303300.000	19.534
14.575	44.003	40942.309
51121.848	33.554	34762.855
24.425	1.025	

11/19/2016 10:30:00 AM	304200.000	19.541
14.575	44.017	40937.547
51115.793	33.550	34758.738
24.427	1.025	
11/19/2016 10:45:00 AM	305100.000	19.539
14.575	44.014	40948.988
51129.758	33.560	34768.234
24.421	1.025	
11/19/2016 11:00:00 AM	306000.000	19.546
14.575	44.029	40943.543
51123.391	33.555	34763.910
24.424	1.025	
11/19/2016 11:15:00 AM	306900.000	19.550
14.574	44.039	40945.695
51126.516	33.558	34766.031
24.423	1.025	
11/19/2016 11:30:00 AM	307800.000	19.552
14.576	44.042	40963.750
51147.645	33.573	34780.398
24.412	1.025	
11/19/2016 11:45:00 AM	308700.000	19.559
14.575	44.058	40929.879
51106.004	33.543	34752.082
24.432	1.025	
11/19/2016 12:00:00 PM	309600.000	19.565
14.575	44.071	40950.395
51131.836	33.561	34769.648
24.420	1.025	
11/19/2016 12:15:00 PM	310500.000	19.572
14.576	44.087	40962.203
51145.492	33.572	34778.934
24.413	1.025	
11/19/2016 12:30:00 PM	311400.000	19.582
14.575	44.111	40966.617
51152.203	33.576	34783.500
24.410	1.025	
11/19/2016 12:45:00 PM	312300.000	19.585
14.575	44.118	40956.434
51139.164	33.567	34774.637
24.416	1.025	
11/19/2016 1:00:00 PM	313200.000	19.591
14.575	44.130	40950.656
51131.621	33.561	34769.504
24.420	1.025	
11/19/2016 1:15:00 PM	314100.000	19.608
14.574	44.170	40939.477
51119.176	33.552	34761.039
24.426	1.025	
11/19/2016 1:30:00 PM	315000.000	19.612
14.574	44.177	40936.250
51115.699	33.550	34758.680
24.428	1.025	
11/19/2016 1:45:00 PM	315900.000	19.629
14.574	44.217	40939.020
51118.707	33.552	34760.723
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11/19/2016 2:00:00 PM	316800.000	19.644

14.574	44.250	40942.188
51122.340	33.554	34763.191
24.425	1.025	
11/19/2016 2:15:00 PM	317700.000	19.645
14.574	44.252	40964.363
51150.805	33.575	34782.547
24.411	1.025	
11/19/2016 2:30:00 PM	318600.000	19.659
14.573	44.283	40921.426
51097.711	33.536	34746.449
24.437	1.025	
11/19/2016 2:45:00 PM	319500.000	19.668
14.573	44.304	40947.402
51130.578	33.560	34768.797
24.422	1.025	
11/19/2016 3:00:00 PM	320400.000	19.683
14.572	44.338	40943.730
51126.445	33.557	34765.988
24.424	1.025	
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14.572	44.361	40965.164
51153.738	33.577	34784.547
24.411	1.025	
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14.573	44.398	40954.766
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24.417	1.025	
11/19/2016 3:45:00 PM	323100.000	19.716
14.573	44.413	40952.766
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24.418	1.025	
11/19/2016 4:00:00 PM	324000.000	19.723
14.572	44.428	40943.805
51127.281	33.558	34766.551
24.424	1.025	
11/19/2016 4:15:00 PM	324900.000	19.728
14.571	44.440	40917.477
51094.953	33.534	34744.570
24.439	1.025	
11/19/2016 4:30:00 PM	325800.000	19.737
14.571	44.459	40958.051
51146.047	33.572	34779.316
24.415	1.025	
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14.570	44.473	40919.023
51098.289	33.536	34746.836
24.439	1.025	
11/19/2016 5:00:00 PM	327600.000	19.745
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51117.094	33.550	34759.629
24.430	1.025	
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14.570	44.486	40931.352
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24.431	1.025	
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14.570	44.506	40932.684

51115.883	33.549	34758.805
24.430	1.025	
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51115.898	33.549	34758.816
24.431	1.025	
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24.442	1.025	
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14.568	44.518	40916.113
51097.352	33.536	34746.199
24.440	1.025	
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14.568	44.514	40904.824
51083.039	33.525	34736.469
24.447	1.025	
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14.568	44.518	40955.973
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24.416	1.025	
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14.568	44.514	40921.176
51103.359	33.540	34750.285
24.437	1.025	
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14.568	44.506	40898.859
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24.451	1.025	
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14.567	44.504	40916.934
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24.440	1.025	
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14.566	44.510	40949.250
51140.688	33.567	34775.668
24.420	1.025	
11/19/2016 8:00:00 PM	338400.000	19.760
14.567	44.511	40933.953
51120.820	33.553	34762.156
24.430	1.025	
11/19/2016 8:15:00 PM	339300.000	19.752
14.566	44.493	40918.121
51102.238	33.539	34749.527
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14.567	44.486	40949.586
51140.344	33.567	34775.438
24.420	1.025	
11/19/2016 8:45:00 PM	341100.000	19.745
14.565	44.477	40921.293
51106.852	33.542	34752.664
24.437	1.025	
11/19/2016 9:00:00 PM	342000.000	19.741
14.567	44.469	40971.590
51168.039	33.587	34794.266

24.407	1.025	
11/19/2016 9:15:00 PM	342900.000	19.745
14.566	44.478	40952.668
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24.418	1.025	
11/19/2016 9:30:00 PM	343800.000	19.734
14.567	44.453	40916.465
51099.418	33.537	34747.609
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11/19/2016 9:45:00 PM	344700.000	19.739
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51087.328	33.528	34739.383
24.446	1.025	
11/19/2016 10:00:00 PM	345600.000	19.732
14.565	44.448	40935.852
51125.246	33.556	34765.172
24.428	1.025	
11/19/2016 10:15:00 PM	346500.000	19.728
14.567	44.439	40911.289
51092.953	33.532	34743.211
24.443	1.025	
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14.566	44.418	40976.473
51175.227	33.592	34799.156
24.404	1.025	
11/19/2016 10:45:00 PM	348300.000	19.714
14.566	44.408	40923.152
51108.309	33.543	34753.652
24.436	1.025	
11/19/2016 11:00:00 PM	349200.000	19.706
14.567	44.389	40954.926
51147.348	33.572	34780.195
24.417	1.025	
11/19/2016 11:15:00 PM	350100.000	19.702
14.567	44.381	40936.074
51124.000	33.555	34764.320
24.428	1.025	
11/19/2016 11:30:00 PM	351000.000	19.688
14.566	44.349	40934.191
51122.098	33.554	34763.027
24.429	1.025	
11/19/2016 11:45:00 PM	351900.000	19.687
14.566	44.347	40950.680
51142.688	33.569	34777.027
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11/20/2016 12:00:00 AM	352800.000	19.686
14.567	44.345	40931.320
51118.063	33.551	34760.285
24.431	1.025	
11/20/2016 12:15:00 AM	353700.000	19.675
14.566	44.321	40939.742
51128.703	33.558	34767.520
24.426	1.025	
11/20/2016 12:30:00 AM	354600.000	19.671
14.566	44.311	40939.703
51128.652	33.558	34767.488
24.426	1.025	

11/20/2016 12:45:00 AM	355500.000	19.670
14.568	44.308	40930.734
51115.844	33.549	34758.773
24.432	1.025	
11/20/2016 1:00:00 AM	356400.000	19.666
14.568	44.300	40938.457
51125.680	33.556	34765.461
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11/20/2016 1:15:00 AM	357300.000	19.664
14.568	44.294	40946.211
51135.172	33.563	34771.918
24.422	1.025	
11/20/2016 1:30:00 AM	358200.000	19.660
14.567	44.285	40964.500
51158.969	33.581	34788.102
24.411	1.025	
11/20/2016 1:45:00 AM	359100.000	19.653
14.568	44.270	40974.332
51170.168	33.589	34795.715
24.406	1.025	
11/20/2016 2:00:00 AM	360000.000	19.652
14.568	44.269	40941.461
51128.375	33.558	34767.301
24.425	1.025	
11/20/2016 2:15:00 AM	360900.000	19.654
14.568	44.272	40931.438
51116.375	33.550	34759.141
24.431	1.025	
11/20/2016 2:30:00 AM	361800.000	19.651
14.568	44.265	40935.789
51121.922	33.554	34762.910
24.429	1.025	
11/20/2016 2:45:00 AM	362700.000	19.654
14.568	44.272	40959.438
51151.883	33.576	34783.285
24.414	1.025	
11/20/2016 3:00:00 AM	363600.000	19.654
14.569	44.273	40938.586
51124.121	33.555	34764.406
24.427	1.025	
11/20/2016 3:15:00 AM	364500.000	19.657
14.568	44.280	40925.023
51108.047	33.543	34753.477
24.435	1.025	
11/20/2016 3:30:00 AM	365400.000	19.664
14.568	44.294	40948.367
51137.090	33.565	34773.223
24.421	1.025	
11/20/2016 3:45:00 AM	366300.000	19.676
14.569	44.321	40943.441
51130.184	33.560	34768.523
24.424	1.025	
11/20/2016 4:00:00 AM	367200.000	19.677
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24.431	1.025	
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24.429	1.025	
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24.400	1.025	
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24.441	1.025	
11/20/2016 5:00:00 AM	370800.000	19.717
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24.439	1.025	
11/20/2016 5:15:00 AM	371700.000	19.728
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24.439	1.025	
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24.414	1.025	
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14.568	44.498	40937.195
51123.910	33.555	34764.258
24.428	1.025	
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14.568	44.531	40927.902
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24.433	1.025	
11/20/2016 6:15:00 AM	375300.000	19.768
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24.403	1.025	
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14.568	44.575	40926.207
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24.422	1.025	
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24.416	1.025	
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24.420	1.025	
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24.418	1.025	
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24.418	1.025	
11/20/2016 8:00:00 AM	381600.000	19.875
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24.426	1.025	
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14.565	44.782	40947.148
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24.422	1.025	
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24.438	1.025	
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14.563	44.852	40948.848
51143.973	33.569	34777.906
24.421	1.025	
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24.433	1.025	
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24.424	1.025	
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24.426	1.025	
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24.451	1.025	
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51105.488	33.541	34751.730
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24.430	1.025	
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24.438	1.025	
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51163.516	33.583	34791.195
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14.557	45.130	40939.445
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24.426	1.025	
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14.555	45.146	40923.699
51122.723	33.553	34763.453
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14.556	45.141	40942.945
51144.930	33.569	34778.555
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51149.648	33.573	34781.766
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24.429	1.025	
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24.417	1.025	
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24.438	1.025	
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24.434	1.025	
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51123.270	33.553	34763.824
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14.552	44.952	40923.559
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14.551	44.932	40906.223
51105.777	33.540	34751.930
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11/21/2016 10:30:00 AM	477000.000	19.943
14.551	44.923	40922.840
51126.637	33.556	34766.113
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11/21/2016 10:45:00 AM	477900.000	19.935
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51136.078	33.563	34772.539
24.432	1.025	
11/21/2016 11:00:00 AM	478800.000	19.930
14.552	44.894	40927.152
51130.945	33.559	34769.043
24.434	1.025	
11/21/2016 11:15:00 AM	479700.000	19.924
14.551	44.882	40948.594
51158.270	33.579	34787.629
24.421	1.025	
11/21/2016 11:30:00 AM	480600.000	19.927
14.551	44.887	40934.938
51141.102	33.566	34775.953
24.429	1.025	
11/21/2016 11:45:00 AM	481500.000	19.917
14.552	44.865	40956.441
51167.648	33.586	34794.004
24.416	1.025	
11/21/2016 12:00:00 PM	482400.000	19.910
14.551	44.849	40909.207
51108.844	33.543	34754.016
24.444	1.025	
11/21/2016 12:15:00 PM	483300.000	19.899
14.552	44.825	40934.625

51139.949	33.565	34775.164
24.429	1.025	
11/21/2016 12:30:00 PM	484200.000	19.889
14.553	44.803	40939.629
51145.336	33.569	34778.832
24.426	1.025	
11/21/2016 12:45:00 PM	485100.000	19.886
14.552	44.796	40954.574
51164.652	33.584	34791.965
24.417	1.025	
11/21/2016 1:00:00 PM	486000.000	19.883
14.552	44.788	40891.352
51085.988	33.526	34738.477
24.455	1.025	
11/21/2016 1:15:00 PM	486900.000	19.879
14.552	44.779	40898.281
51094.105	33.532	34743.996
24.451	1.025	
11/21/2016 1:30:00 PM	487800.000	19.879
14.553	44.779	40946.367
51153.754	33.576	34784.559
24.422	1.025	
11/21/2016 1:45:00 PM	488700.000	19.870
14.553	44.758	40921.578
51122.559	33.553	34763.340
24.437	1.025	
11/21/2016 2:00:00 PM	489600.000	19.864
14.553	44.745	40936.926
51142.180	33.567	34776.684
24.428	1.025	
11/21/2016 2:15:00 PM	490500.000	19.863
14.552	44.743	40918.844
51120.457	33.551	34761.914
24.439	1.025	
11/21/2016 2:30:00 PM	491400.000	19.864
14.554	44.745	40927.594
51129.219	33.558	34767.867
24.433	1.025	
11/21/2016 2:45:00 PM	492300.000	19.859
14.553	44.733	40907.805
51105.469	33.540	34751.719
24.445	1.025	
11/21/2016 3:00:00 PM	493200.000	19.858
14.553	44.733	40918.512
51118.402	33.550	34760.516
24.439	1.025	
11/21/2016 3:15:00 PM	494100.000	19.856
14.554	44.727	40914.918
51113.383	33.546	34757.102
24.441	1.025	
11/21/2016 3:30:00 PM	495000.000	19.852
14.554	44.719	40896.480
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24.452	1.025	
11/21/2016 3:45:00 PM	495900.000	19.845
14.554	44.703	40919.348
51118.703	33.550	34760.719

24.438	1.025	
11/21/2016 4:00:00 PM	496800.000	19.849
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24.417	1.025	
11/21/2016 4:15:00 PM	497700.000	19.841
14.555	44.693	40898.137
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24.451	1.025	
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14.554	44.698	40933.441
51136.633	33.563	34772.910
24.430	1.025	
11/21/2016 4:45:00 PM	499500.000	19.844
14.554	44.700	40920.750
51120.016	33.551	34761.613
24.437	1.025	
11/21/2016 5:00:00 PM	500400.000	19.835
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24.440	1.025	
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14.554	44.674	40887.746
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24.457	1.025	
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14.554	44.668	40939.930
51143.547	33.568	34777.613
24.426	1.025	
11/21/2016 5:45:00 PM	503100.000	19.827
14.555	44.662	40943.707
51148.051	33.572	34780.680
24.424	1.025	
11/21/2016 6:00:00 PM	504000.000	19.823
14.554	44.653	40918.051
51116.961	33.549	34759.535
24.439	1.025	
11/21/2016 6:15:00 PM	504900.000	19.820
14.554	44.646	40968.574
51179.977	33.595	34802.383
24.409	1.025	
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14.554	44.648	40947.918
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24.421	1.025	
11/21/2016 6:45:00 PM	506700.000	19.815
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11/21/2016 7:00:00 PM	507600.000	19.813
14.555	44.630	40905.941
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24.446	1.025	
11/21/2016 7:15:00 PM	508500.000	19.808
14.556	44.620	40937.570
51139.297	33.565	34774.723
24.427	1.025	

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14.555	44.608	40953.789
51160.434	33.581	34789.098
24.418	1.025	
11/21/2016 7:45:00 PM	510300.000	19.800
14.555	44.602	40924.930
51123.609	33.554	34764.059
24.435	1.025	
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14.555	44.589	40907.371
51102.113	33.538	34749.438
24.445	1.025	
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51177.520	33.593	34800.715
24.409	1.025	
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14.556	44.579	40937.156
51138.445	33.565	34774.148
24.428	1.025	
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51175.707	33.592	34799.480
24.410	1.025	
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14.555	44.555	40942.656
51146.191	33.570	34779.410
24.424	1.025	
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51149.320	33.573	34781.539
24.422	1.025	
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51144.660	33.569	34778.375
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51115.992	33.548	34758.875
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24.432	1.025	
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51182.223	33.597	34803.914
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11/22/2016 12:15:00 AM	526500.000	19.697
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24.434	1.025	
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11/22/2016 1:00:00 AM	529200.000	19.684
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51132.953	33.561	34770.414
24.429	1.025	
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14.559	44.332	40929.738
51125.836	33.556	34765.570
24.432	1.025	
11/22/2016 1:30:00 AM	531000.000	19.677
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51126.652	33.556	34766.129
24.431	1.025	
11/22/2016 1:45:00 AM	531900.000	19.670
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24.418	1.025	
11/22/2016 2:00:00 AM	532800.000	19.675
14.560	44.320	40955.039
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24.417	1.025	
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14.560	44.300	40934.992
51130.555	33.559	34768.781
24.429	1.025	
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24.435	1.025	
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24.422	1.025	
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14.572	44.006	40919.168

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24.438	1.025	
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24.394	1.025	
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24.414	1.025	
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14.573	43.979	40916.102
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14.574	43.968	40933.754
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51145.688	33.571	34779.066
24.414	1.025	
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51128.824	33.559	34767.605
24.422	1.025	
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14.574	43.938	40937.547
51117.320	33.551	34759.781
24.427	1.025	
11/22/2016 7:30:00 PM	595800.000	19.508
14.574	43.943	40973.469
51161.195	33.583	34789.617
24.406	1.025	
11/22/2016 7:45:00 PM	596700.000	19.500
14.575	43.926	40953.727
51136.207	33.565	34772.621
24.418	1.025	
11/22/2016 8:00:00 PM	597600.000	19.507
14.575	43.941	40962.727
51147.117	33.573	34780.039
24.412	1.025	
11/22/2016 8:15:00 PM	598500.000	19.497
14.574	43.918	40965.574
51151.215	33.576	34782.828

24.411	1.025	
11/22/2016 8:30:00 PM	599400.000	19.493
14.575	43.910	40933.590
51110.313	33.546	34755.012
24.430	1.025	
11/22/2016 8:45:00 PM	600300.000	19.491
14.575	43.905	40951.063
51132.668	33.562	34770.219
24.419	1.025	
11/22/2016 9:00:00 PM	601200.000	19.485
14.575	43.891	40953.102
51135.102	33.564	34771.875
24.418	1.025	
11/22/2016 9:15:00 PM	602100.000	19.489
14.576	43.901	40940.777
51118.199	33.552	34760.375
24.426	1.025	
11/22/2016 9:30:00 PM	603000.000	19.478
14.576	43.876	40919.598
51092.191	33.532	34742.695
24.438	1.025	
11/22/2016 9:45:00 PM	603900.000	19.474
14.576	43.867	40983.668
51171.648	33.591	34796.723
24.400	1.025	
11/22/2016 10:00:00 PM	604800.000	19.469
14.576	43.855	40931.711
51107.098	33.543	34752.832
24.431	1.025	
11/22/2016 10:15:00 PM	605700.000	19.467
14.577	43.852	40982.602
51169.664	33.589	34795.371
24.401	1.025	
11/22/2016 10:30:00 PM	606600.000	19.462
14.577	43.840	40936.309
51111.332	33.547	34755.707
24.428	1.025	
11/22/2016 10:45:00 PM	607500.000	19.453
14.577	43.819	40934.418
51109.391	33.545	34754.387
24.429	1.025	
11/22/2016 11:00:00 PM	608400.000	19.450
14.576	43.813	40940.570
51117.512	33.551	34759.910
24.426	1.025	
11/22/2016 11:15:00 PM	609300.000	19.451
14.577	43.815	40988.555
51176.566	33.594	34800.066
24.397	1.025	
11/22/2016 11:30:00 PM	610200.000	19.442
14.578	43.794	40950.750
51128.492	33.559	34767.375
24.420	1.025	
11/22/2016 11:45:00 PM	611100.000	19.440
14.578	43.789	40956.141
51134.785	33.564	34771.652
24.416	1.025	

11/23/2016 12:00:00 AM	612000.000	19.433
14.578	43.774	40958.773
51137.859	33.566	34773.746
24.415	1.025	
11/23/2016 12:15:00 AM	612900.000	19.429
14.579	43.766	40954.113
51131.500	33.562	34769.426
24.418	1.025	
11/23/2016 12:30:00 AM	613800.000	19.425
14.578	43.757	40970.957
51153.504	33.578	34784.387
24.408	1.025	
11/23/2016 12:45:00 AM	614700.000	19.426
14.579	43.759	40949.191
51125.570	33.557	34765.387
24.421	1.025	
11/23/2016 1:00:00 AM	615600.000	19.427
14.580	43.761	40943.988
51117.777	33.552	34760.090
24.424	1.025	
11/23/2016 1:15:00 AM	616500.000	19.423
14.579	43.753	40958.121
51136.719	33.565	34772.973
24.415	1.025	
11/23/2016 1:30:00 AM	617400.000	19.415
14.580	43.735	40947.156
51121.309	33.554	34762.488
24.422	1.025	
11/23/2016 1:45:00 AM	618300.000	19.416
14.580	43.736	40937.797
51110.051	33.546	34754.836
24.427	1.025	
11/23/2016 2:00:00 AM	619200.000	19.409
14.580	43.721	40970.633
51150.180	33.575	34782.125
24.408	1.025	
11/23/2016 2:15:00 AM	620100.000	19.411
14.580	43.726	40970.238
51150.664	33.576	34782.457
24.408	1.025	
11/23/2016 2:30:00 AM	621000.000	19.407
14.580	43.716	40960.336
51137.434	33.566	34773.461
24.414	1.025	
11/23/2016 2:45:00 AM	621900.000	19.400
14.581	43.701	40952.574
51127.418	33.559	34766.648
24.418	1.025	
11/23/2016 3:00:00 AM	622800.000	19.397
14.582	43.694	40951.344
51124.246	33.556	34764.488
24.419	1.025	
11/23/2016 3:15:00 AM	623700.000	19.391
14.582	43.681	40958.930
51134.051	33.564	34771.156
24.415	1.025	
11/23/2016 3:30:00 AM	624600.000	19.386

14.583	43.669	40950.633
51122.617	33.555	34763.383
24.420	1.025	
11/23/2016 3:45:00 AM	625500.000	19.386
14.583	43.669	40945.496
51115.773	33.550	34758.727
24.423	1.025	
11/23/2016 4:00:00 AM	626400.000	19.383
14.582	43.662	40969.590
51146.496	33.573	34779.617
24.408	1.025	
11/23/2016 4:15:00 AM	627300.000	19.376
14.583	43.646	40935.230
51102.855	33.541	34749.941
24.429	1.025	
11/23/2016 4:30:00 AM	628200.000	19.380
14.583	43.656	40926.113
51091.473	33.533	34742.207
24.434	1.025	
11/23/2016 4:45:00 AM	629100.000	19.377
14.584	43.649	40951.973
51122.984	33.556	34763.629
24.419	1.025	
11/23/2016 5:00:00 AM	630000.000	19.377
14.585	43.649	40972.926
51147.961	33.574	34780.617
24.406	1.025	
11/23/2016 5:15:00 AM	630900.000	19.375
14.584	43.644	40916.430
51078.414	33.523	34733.320
24.440	1.025	
11/23/2016 5:30:00 AM	631800.000	19.369
14.585	43.630	40953.844
51123.703	33.556	34764.117
24.418	1.025	
11/23/2016 5:45:00 AM	632700.000	19.369
14.586	43.630	40990.809
51168.992	33.590	34794.914
24.396	1.025	
11/23/2016 6:00:00 AM	633600.000	19.365
14.586	43.621	40947.078
51114.492	33.550	34757.859
24.422	1.025	
11/23/2016 6:15:00 AM	634500.000	19.366
14.586	43.624	40959.469
51129.434	33.561	34768.016
24.414	1.025	
11/23/2016 6:30:00 AM	635400.000	19.376
14.586	43.645	40971.051
51143.992	33.571	34777.914
24.407	1.025	
11/23/2016 6:45:00 AM	636300.000	19.373
14.586	43.639	40968.426
51140.387	33.569	34775.469
24.409	1.025	
11/23/2016 7:00:00 AM	637200.000	19.370
14.586	43.634	40947.605

51114.625	33.550	34757.945
24.421	1.025	
11/23/2016 7:15:00 AM	638100.000	19.380
14.587	43.655	40947.922
51114.480	33.550	34757.852
24.421	1.025	
11/23/2016 7:30:00 AM	639000.000	19.377
14.587	43.649	40937.387
51101.332	33.540	34748.910
24.428	1.025	
11/23/2016 7:45:00 AM	639900.000	19.384
14.586	43.663	40931.602
51094.750	33.535	34744.430
24.431	1.025	
11/23/2016 8:00:00 AM	640800.000	19.391
14.586	43.681	40966.668
51138.195	33.567	34773.977
24.410	1.025	
11/23/2016 8:15:00 AM	641700.000	19.391
14.587	43.681	40937.652
51100.789	33.540	34748.535
24.427	1.025	
11/23/2016 8:30:00 AM	642600.000	19.400
14.588	43.701	40956.582
51123.551	33.556	34764.020
24.416	1.025	
11/23/2016 8:45:00 AM	643500.000	19.398
14.587	43.697	40950.465
51116.680	33.551	34759.348
24.420	1.025	
11/23/2016 9:00:00 AM	644400.000	19.402
14.587	43.705	40944.090
51109.473	33.546	34754.445
24.424	1.025	
11/23/2016 9:15:00 AM	645300.000	19.413
14.587	43.730	40944.375
51109.727	33.546	34754.617
24.423	1.025	
11/23/2016 9:30:00 AM	646200.000	19.409
14.588	43.720	40938.293
51100.297	33.539	34748.203
24.427	1.025	
11/23/2016 9:45:00 AM	647100.000	19.416
14.587	43.736	40941.852
51105.813	33.543	34751.953
24.425	1.025	
11/23/2016 10:00:00 AM	648000.000	19.415
14.588	43.734	40938.152
51100.984	33.540	34748.668
24.427	1.025	
11/23/2016 10:15:00 AM	648900.000	19.417
14.587	43.739	40935.016
51098.043	33.538	34746.668
24.429	1.025	
11/23/2016 10:30:00 AM	649800.000	19.423
14.588	43.753	40931.090
51092.047	33.533	34742.594

24.431	1.025	
11/23/2016 10:45:00 AM	650700.000	19.423
14.587	43.753	40944.656
51109.203	33.546	34754.262
24.423	1.025	
11/23/2016 11:00:00 AM	651600.000	19.418
14.588	43.740	40963.031
51131.496	33.562	34769.422
24.412	1.025	
11/23/2016 11:15:00 AM	652500.000	19.420
14.588	43.746	40956.008
51123.047	33.556	34763.672
24.416	1.025	
11/23/2016 11:30:00 AM	653400.000	19.421
14.588	43.748	40980.727
51153.262	33.578	34784.223
24.402	1.025	
11/23/2016 11:45:00 AM	654300.000	19.419
14.588	43.742	40948.703
51114.152	33.550	34757.625
24.421	1.025	
11/23/2016 12:00:00 PM	655200.000	19.412
14.587	43.728	40967.281
51137.555	33.567	34773.539
24.410	1.025	
11/23/2016 12:15:00 PM	656100.000	19.409
14.588	43.721	40964.926
51133.965	33.564	34771.098
24.411	1.025	
11/23/2016 12:30:00 PM	657000.000	19.407
14.588	43.717	40965.426
51134.375	33.564	34771.379
24.411	1.025	
11/23/2016 12:45:00 PM	657900.000	19.398
14.588	43.697	40986.355
51160.074	33.583	34788.852
24.398	1.025	
11/23/2016 1:00:00 PM	658800.000	19.389
14.588	43.677	40951.398
51117.395	33.552	34759.832
24.419	1.025	
11/23/2016 1:15:00 PM	659700.000	19.386
14.588	43.669	40959.387
51126.840	33.559	34766.250
24.414	1.025	
11/23/2016 1:30:00 PM	660600.000	19.380
14.588	43.656	40955.883
51122.250	33.556	34763.129
24.417	1.025	
11/23/2016 1:45:00 PM	661500.000	19.374
14.589	43.642	40954.008
51118.609	33.553	34760.660
24.418	1.025	
11/23/2016 2:00:00 PM	662400.000	19.371
14.589	43.634	40969.391
51138.145	33.567	34773.941
24.408	1.025	

11/23/2016 2:15:00 PM	663300.000	19.362
14.589	43.614	40924.512
51082.227	33.526	34735.918
24.435	1.025	
11/23/2016 2:30:00 PM	664200.000	19.361
14.590	43.612	40958.414
51123.668	33.557	34764.094
24.415	1.025	
11/23/2016 2:45:00 PM	665100.000	19.359
14.591	43.607	40954.570
51117.785	33.552	34760.094
24.417	1.025	
11/23/2016 3:00:00 PM	666000.000	19.357
14.590	43.603	40955.082
51119.297	33.554	34761.125
24.417	1.025	
11/23/2016 3:15:00 PM	666900.000	19.355
14.591	43.598	40948.031
51109.531	33.546	34754.480
24.421	1.025	
11/23/2016 3:30:00 PM	667800.000	19.352
14.591	43.592	40937.188
51096.199	33.537	34745.414
24.428	1.025	
11/23/2016 3:45:00 PM	668700.000	19.353
14.591	43.594	40968.809
51134.496	33.565	34771.457
24.409	1.025	
11/23/2016 4:00:00 PM	669600.000	19.350
14.591	43.587	40965.340
51130.914	33.562	34769.023
24.411	1.025	
11/23/2016 4:15:00 PM	670500.000	19.352
14.591	43.592	40955.813
51118.387	33.553	34760.504
24.417	1.025	
11/23/2016 4:30:00 PM	671400.000	19.352
14.592	43.592	40993.863
51165.332	33.587	34792.426
24.394	1.025	
11/23/2016 4:45:00 PM	672300.000	19.353
14.591	43.594	40924.266
51079.539	33.524	34734.090
24.435	1.025	
11/23/2016 5:00:00 PM	673200.000	19.355
14.592	43.600	40986.605
51156.273	33.581	34786.266
24.398	1.025	
11/23/2016 5:15:00 PM	674100.000	19.357
14.592	43.604	40957.684
51120.387	33.554	34761.863
24.415	1.025	
11/23/2016 5:30:00 PM	675000.000	19.357
14.592	43.603	40959.992
51122.293	33.556	34763.160
24.414	1.025	
11/23/2016 5:45:00 PM	675900.000	19.364

14.593	43.620	40958.598
51120.461	33.555	34761.918
24.415	1.025	
11/23/2016 6:00:00 PM	676800.000	19.366
14.592	43.625	40943.832
51102.777	33.542	34749.895
24.424	1.025	
11/23/2016 6:15:00 PM	677700.000	19.371
14.592	43.634	40946.453
51105.727	33.544	34751.895
24.422	1.025	
11/23/2016 6:30:00 PM	678600.000	19.373
14.593	43.640	40958.652
51120.527	33.555	34761.961
24.415	1.025	
11/23/2016 6:45:00 PM	679500.000	19.376
14.592	43.646	40952.105
51113.527	33.549	34757.203
24.419	1.025	
11/23/2016 7:00:00 PM	680400.000	19.382
14.592	43.659	40937.711
51094.480	33.536	34744.246
24.427	1.025	
11/23/2016 7:15:00 PM	681300.000	19.387
14.592	43.671	40941.961
51100.012	33.540	34748.008
24.425	1.025	
11/23/2016 7:30:00 PM	682200.000	19.386
14.592	43.669	40956.246
51117.840	33.553	34760.137
24.416	1.025	
11/23/2016 7:45:00 PM	683100.000	19.397
14.592	43.694	40944.262
51102.883	33.542	34749.961
24.423	1.025	
11/23/2016 8:00:00 PM	684000.000	19.400
14.593	43.699	40970.746
51135.176	33.565	34771.918
24.408	1.025	
11/23/2016 8:15:00 PM	684900.000	19.405
14.593	43.712	40974.531
51140.113	33.569	34775.281
24.405	1.025	
11/23/2016 8:30:00 PM	685800.000	19.410
14.593	43.723	40957.824
51118.723	33.553	34760.730
24.415	1.025	
11/23/2016 8:45:00 PM	686700.000	19.411
14.592	43.726	40946.563
51105.633	33.544	34751.836
24.422	1.025	
11/23/2016 9:00:00 PM	687600.000	19.419
14.593	43.744	40934.508
51089.520	33.532	34740.875
24.429	1.025	
11/23/2016 9:15:00 PM	688500.000	19.420
14.593	43.745	40948.863

51107.969	33.545	34753.418
24.421	1.025	
11/23/2016 9:30:00 PM	689400.000	19.426
14.593	43.760	40945.641
51103.945	33.543	34750.688
24.423	1.025	
11/23/2016 9:45:00 PM	690300.000	19.423
14.593	43.753	40976.195
51142.301	33.571	34776.770
24.404	1.025	
11/23/2016 10:00:00 PM	691200.000	19.425
14.592	43.757	40973.355
51138.969	33.568	34774.500
24.406	1.025	
11/23/2016 10:15:00 PM	692100.000	19.428
14.593	43.764	40957.281
51118.371	33.553	34760.496
24.416	1.025	
11/23/2016 10:30:00 PM	693000.000	19.430
14.593	43.767	40959.305
51120.793	33.555	34762.141
24.414	1.025	
11/23/2016 10:45:00 PM	693900.000	19.439
14.592	43.789	40941.641
51100.039	33.540	34748.027
24.425	1.025	
11/23/2016 11:00:00 PM	694800.000	19.438
14.592	43.786	40958.574
51121.074	33.555	34762.332
24.415	1.025	
11/23/2016 11:15:00 PM	695700.000	19.434
14.592	43.778	40964.289
51128.094	33.560	34767.109
24.412	1.025	
11/23/2016 11:30:00 PM	696600.000	19.434
14.593	43.778	40971.465
51136.398	33.566	34772.750
24.407	1.025	
11/23/2016 11:45:00 PM	697500.000	19.438
14.593	43.786	40955.375
51116.094	33.551	34758.945
24.417	1.025	

Report Date: 11/28/2016 8:32:56 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:

File Name: MPWSP MW-3D LT Test_2016-11-24_15-07-51-924-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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: 0 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 34.0141 (ft)
Head Pressure: 15.0999 (PSI)
Temperature: 22.8666 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/9/2016 6:36:41 PM	Used Battery: 0% Used Memory: 3% User Name: Kmakar
3/9/2016 6:37:49 PM	Sensor SN: 446752 Cache Timeout: 1000 User Name: Kmakar
3/9/2016 6:37:54 PM	Device Taken Offline
3/9/2016 6:39:03 PM	Device Put Online
3/9/2016 6:39:04 PM	Sensor SN: 446752 Cache Timeout: 1750 User Name: Kmakar
3/17/2016 5:02:59 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: Skuiper Interval - Start Time: 3/10/2016 9:00:00 AM Stop Time: 3/17/2016 5:00:00 PM
3/24/2016 1:04:11 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: Kmakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM
3/31/2016 8:47:15 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
4/7/2016 1:07:21 PM	Log Download - Used Battery: 1% Used Memory: 6% User Name: Kmakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM
4/14/2016 12:53:34 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:45:00 PM
4/21/2016 11:16:11 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM
4/28/2016 3:06:41 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: Kmakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 3:00:00 PM
5/5/2016 10:41:59 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:30:00 AM
5/12/2016 12:05:39 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 12:00:00 PM
5/19/2016 2:33:06 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:30:00 PM
5/26/2016 1:29:34 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:00:00 PM
6/2/2016 2:01:35 PM	Log Download - Used Battery: 4% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:44:45 PM
6/9/2016 10:11:07 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: Cshaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:00:00 AM
6/16/2016 4:19:34 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 5:15:00 PM
6/23/2016 11:55:38 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 12:00:00 PM
7/1/2016 7:41:47 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 7:15:00 PM
7/8/2016 6:42:39 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 4:15:00 PM
7/14/2016 1:36:39 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 6:30:00 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 1:58:45 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 11:08:36 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 PM
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
11/28/2016 8:32:02 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:

Record Count: 837

Sensors: 2

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

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Date and Time (ppt)	Seconds	Corrected Resistivity (ohm-cm)	Pressure (PSI)	Temperature (C)	Depth (ft)	Barometric Pressure (PSI)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)
11/17/2016 12:00:00 AM	93600.000	1.021	123.658	19.656	278.552	41719.117	46461.336	30.461	31.594	
23.970			14.771							
11/17/2016 12:15:00 AM	94500.000	1.021	123.683	19.653	278.607	41713.344	46458.355	30.459	31.592	
23.973			14.775							
11/17/2016 12:30:00 AM	95400.000	1.021	123.694	19.658	278.634	41714.133	46453.723	30.456	31.589	
23.973			14.775							
11/17/2016 12:45:00 AM	96300.000	1.021	123.712	19.667	278.674	41739.055	46472.938	30.470	31.602	

23.958	1.021	14.774					
11/17/2016 1:00:00 AM	97200.000	123.727	19.666	278.706	41740.895	46475.770	31.604
23.957	1.021	14.770					
11/17/2016 1:15:00 AM	98100.000	123.728	19.671	278.710	41718.398	46445.563	31.583
23.970	1.021	14.772					
11/17/2016 1:30:00 AM	99000.000	123.726	19.666	278.704	41702.723	46433.523	31.575
23.979	1.021	14.769					
11/17/2016 1:45:00 AM	99900.000	123.717	19.669	278.685	41720.813	46450.313	31.586
23.969	1.021	14.770					
11/17/2016 2:00:00 AM	100800.000	123.711	19.673	278.671	41691.277	46413.816	31.561
23.986	1.021	14.774					
11/17/2016 2:15:00 AM	101700.000	123.695	19.671	278.634	41743.973	46473.852	31.602
23.956	1.021	14.779					
11/17/2016 2:30:00 AM	102600.000	123.693	19.671	278.630	41729.723	46458.848	31.592
23.964	1.021	14.774					
11/17/2016 2:45:00 AM	103500.000	123.685	19.672	278.612	41724.863	46451.898	31.587
23.967	1.021	14.766					
11/17/2016 3:00:00 AM	104400.000	123.662	19.659	278.560	41754.859	46498.723	31.619
23.949	1.021	14.770					
11/17/2016 3:15:00 AM	105300.000	123.638	19.658	278.507	41717.191	46457.641	31.591
23.971	1.021	14.775					
11/17/2016 3:30:00 AM	106200.000	123.617	19.662	278.460	41748.441	46488.051	31.612
23.953	1.021	14.776					
11/17/2016 3:45:00 AM	107100.000	123.605	19.669	278.432	41726.156	46456.699	31.591
23.966	1.021	14.771					
11/17/2016 4:00:00 AM	108000.000	123.588	19.671	278.393	41761.000	46492.809	31.615
23.946	1.021	14.767					
11/17/2016 4:15:00 AM	108900.000	123.568	19.666	278.348	41736.719	46470.945	31.600
23.960	1.021	14.773					
11/17/2016 4:30:00 AM	109800.000	123.546	19.672	278.300	41717.133	46443.449	31.582
23.971	1.021	14.777					
11/17/2016 4:45:00 AM	110700.000	123.528	19.663	278.260	41732.660	46469.270	31.599
23.962	1.021	14.781					
11/17/2016 5:00:00 AM	111600.000	123.519	19.661	278.238	41705.352	46441.273	31.580
23.978	1.021	14.780					
11/17/2016 5:15:00 AM	112500.000	123.509	19.659	278.216	41739.535	46480.879	31.607
23.958	1.021	14.777					
11/17/2016 5:30:00 AM	113400.000	123.498	19.670	278.192	41739.105	46470.242	31.600
23.958	1.021	14.780					
11/17/2016 5:45:00 AM	114300.000	123.489	19.669	278.170	41738.477	46470.145	31.600
23.959	1.021	14.781					
11/17/2016 6:00:00 AM	115200.000	123.496	19.664	278.186	41768.504	46508.148	31.626
23.941	1.021	14.775					
11/17/2016 6:15:00 AM	116100.000	123.488	19.668	278.169	41741.660	46474.637	31.603
23.957	1.021	14.780					
11/17/2016 6:30:00 AM	117000.000	123.501	19.667	278.198	41737.539	46471.348	31.601
23.959	1.021	14.781					
11/17/2016 6:45:00 AM	117900.000	123.515	19.666	278.229	41737.395	46471.699	31.601
23.959	1.021	14.786					
11/17/2016 7:00:00 AM	118800.000	123.524	19.665	278.250	41730.418	46465.484	31.597
23.963	1.021	14.782					
11/17/2016 7:15:00 AM	119700.000	123.535	19.671	278.274	41724.160	46452.492	31.588
23.967	1.021	14.790					
11/17/2016 7:30:00 AM	120600.000	123.557	19.662	278.323	41728.641	46465.910	31.597
23.964	1.021	14.792					
11/17/2016 7:45:00 AM	121500.000	123.587	19.654	278.392	41720.105	46464.156	31.596
23.969	1.021	14.789					
11/17/2016 8:00:00 AM	122400.000	123.617	19.652	278.460	41727.234	46474.508	31.603
23.965	1.021	14.795					
11/17/2016 8:15:00 AM	123300.000	123.634	19.659	278.499	41761.277	46505.008	31.623
23.946	1.021	14.805					
11/17/2016 8:30:00 AM	124200.000	123.676	19.654	278.592	41713.305	46457.367	31.591
23.973	1.021	14.801					
11/17/2016 8:45:00 AM	125100.000	123.719	19.654	278.689	41709.125	46452.531	31.588
23.976	1.021	14.790					
11/17/2016 9:00:00 AM	126000.000	123.748	19.653	278.755	41720.836	46466.176	31.597
23.969	1.021	14.794					
11/17/2016 9:15:00 AM	126900.000	123.776	19.663	278.816	41705.457	46439.324	31.579
23.978	1.021	14.803					
11/17/2016 9:30:00 AM	127800.000	123.816	19.657	278.907	41711.832	46452.789	31.588
23.974	1.021	14.793					
11/17/2016 9:45:00 AM	128700.000	123.856	19.657	278.998	41729.355	46472.219	31.601
23.964	1.021	14.791					
11/17/2016 10:00:00 AM	129600.000	123.900	19.651	279.096	41721.262	46468.719	31.599
23.969	1.021	14.789					
11/17/2016 10:15:00 AM	130500.000	123.931	19.657	279.167	41715.773	46457.000	31.591
23.972	1.021	14.788					
11/17/2016 10:30:00 AM	131400.000	123.960	19.656	279.232	41732.734	46476.840	31.604
23.962	1.021	14.786					
11/17/2016 10:45:00 AM	132300.000	123.979	19.657	279.274	41715.781	46456.508	31.590
23.972	1.021	14.791					
11/17/2016 11:00:00 AM	133200.000	124.014	19.659	279.353	41762.016	46505.828	31.624
23.945	1.021	14.791					
11/17/2016 11:15:00 AM	134100.000	124.052	19.661	279.439	41722.742	46460.293	31.593
23.968	1.021	14.788					
11/17/2016 11:30:00 AM	135000.000	124.042	19.654	279.416	41725.746	46470.523	31.600
23.966	1.021	14.785					
11/17/2016 11:45:00 AM	135900.000	124.057	19.652	279.450	41697.328	46440.688	31.580
23.982	1.021	14.783					
11/17/2016 12:00:00 PM	136800.000	124.063	19.648	279.465	41715.055	46464.395	31.596
23.972	1.021	14.781					
11/17/2016 12:15:00 PM	137700.000	124.066	19.649	279.470	41706.105	46454.078	31.589
23.977	1.021	14.770					
11/17/2016 12:30:00 PM	138600.000	124.060	19.651	279.457	41731.141	46479.633	31.606
23.963	1.021	14.770					
11/17/2016 12:45:00 PM	139500.000	124.042	19.649	279.416	41719.250	46468.543	31.599
23.970	1.021	14.775					
11/17/2016 1:00:00 PM	140400.000	124.025	19.650	279.378	41723.164	46471.605	31.601
23.968	1.021	14.769					
11/17/2016 1:15:00 PM	141300.000	124.007	19.656	279.338	41702.086	46442.793	31.581
23.980	1.021	14.759					
11/17/2016 1:30:00 PM	142200.000	123.982	19.657	279.281	41728.543	46470.793	31.600
23.964	1.021	14.764					
11/17/2016 1:45:00 PM	143100.000	123.950	19.655	279.209	41728.090	46472.094	31.601
23.965	1.021	14.758					
11/17/2016 2:00:00 PM	144000.000	123.900	19.659	279.096	41709.633	46447.578	31.584
23.975	1.021	14.763					
11/17/2016 2:15:00 PM	144900.000	123.864	19.662	279.017	41728.664	46465.684	31.597
23.964	1.021	14.763					
11/17/2016 2:30:00 PM	145800.000	123.826	19.661	278.931	41726.902	46465.527	31.597
23.965	1.021	14.752					
11/17/2016 2:45:00 PM	146700.000	123.785	19.658	278.838	41721.738	46461.926	31.594
23.968	1.021	14.752					
11/17/2016 3:00:00 PM	147600.000	123.719	19.657	278.688	41725.543	46467.633	31.598
23.966	1.021	14.756					
11/17/2016 3:15:00 PM	148500.000	123.683	19.656	278.607	41753.609	46499.660	31.620
23.950	1.021	14.749					
11/17/2016 3:30:00 PM	149400.000	123.633	19.655	278.495	41700.551	46441.785	31.580
23.980	1.021	14.751					
11/17/2016 3:45:00 PM	150300.000	123.560	19.656	278.330	41736.930	46481.598	31.607
23.960	1.021	14.761					
11/17/2016 4:00:00 PM	151200.000	123.509	19.658	278.216	41714.926	46454.512	31.589
23.972	1.021	14.756					
11/17/2016 4:15:00 PM	152100.000	123.459	19.666	278.103	41690.645	46420.250	31.566
23.986	1.021	14.750					
11/17/2016 4:30:00 PM	153000.000	123.416	19.656	278.006	41718.434	46460.742	31.593
23.970	1.021	14.748					
11/17/2016 4:45:00 PM	153900.000	123.357	19.662	277.874	41746.207	46485.906	31.610
23.954	1.021	14.747					
11/17/2016 5:00:00 PM	154800.000	123.299	19.668	277.742	41745.504	46479.184	31.606
23.955	1.021	14.751					
11/17/2016 5:15:00 PM	155700.000	123.251	19.662	277.635	41722.230	46458.609	31.592
23.968	1.021	14.755					

11/17/2016 5:30:00 PM	156600.000	123.210	19.667	277.542	41741.039	46474.551	30.471	31.603
23.957	1.021	14.754						
11/17/2016 5:45:00 PM	157500.000	123.169	19.669	277.450	41755.234	46488.801	30.482	31.612
23.949	1.021	14.754						
11/17/2016 6:00:00 PM	158400.000	123.134	19.667	277.371	41725.402	46458.000	30.459	31.591
23.966	1.021	14.749						
11/17/2016 6:15:00 PM	159300.000	123.095	19.673	277.283	41727.895	46454.234	30.457	31.589
23.965	1.021	14.757						
11/17/2016 6:30:00 PM	160200.000	123.071	19.672	277.228	41750.809	46481.121	30.476	31.607
23.952	1.021	14.756						
11/17/2016 6:45:00 PM	161100.000	123.038	19.675	277.155	41729.836	46454.336	30.457	31.589
23.964	1.021	14.760						
11/17/2016 7:00:00 PM	162000.000	123.025	19.674	277.126	41726.617	46452.207	30.455	31.588
23.966	1.021	14.758						
11/17/2016 7:15:00 PM	162900.000	123.014	19.669	277.102	41749.758	46482.977	30.477	31.608
23.952	1.021	14.756						
11/17/2016 7:30:00 PM	163800.000	123.005	19.665	277.080	41712.664	46445.281	30.450	31.583
23.974	1.021	14.754						
11/17/2016 7:45:00 PM	164700.000	122.994	19.665	277.055	41737.953	46473.184	30.470	31.602
23.959	1.021	14.763						
11/17/2016 8:00:00 PM	165600.000	123.003	19.664	277.075	41743.473	46480.180	30.475	31.607
23.956	1.021	14.760						
11/17/2016 8:15:00 PM	166500.000	123.023	19.666	277.121	41735.051	46468.922	30.467	31.599
23.961	1.021	14.746						
11/17/2016 8:30:00 PM	167400.000	123.022	19.665	277.119	41728.492	46462.738	30.462	31.595
23.964	1.021	14.758						
11/17/2016 8:45:00 PM	168300.000	123.047	19.671	277.175	41747.594	46478.742	30.474	31.606
23.963	1.021	14.755						
11/17/2016 9:00:00 PM	169200.000	123.068	19.673	277.223	41765.320	46496.160	30.487	31.617
23.943	1.021	14.758						
11/17/2016 9:15:00 PM	170100.000	123.100	19.675	277.294	41733.258	46458.305	30.460	31.592
23.962	1.021	14.757						
11/17/2016 9:30:00 PM	171000.000	123.133	19.669	277.368	41705.430	46433.352	30.441	31.575
23.978	1.021	14.753						
11/17/2016 9:45:00 PM	171900.000	123.169	19.665	277.449	41711.969	46444.590	30.449	31.582
23.974	1.021	14.752						
11/17/2016 10:00:00 PM	172800.000	123.206	19.654	277.533	41735.766	46482.203	30.476	31.608
23.960	1.021	14.754						
11/17/2016 10:15:00 PM	173700.000	123.237	19.653	277.603	41742.316	46490.184	30.482	31.613
23.957	1.021	14.760						
11/17/2016 10:30:00 PM	174600.000	123.290	19.651	277.723	41694.914	46439.801	30.445	31.579
23.984	1.021	14.757						
11/17/2016 10:45:00 PM	175500.000	123.329	19.656	277.811	41728.336	46471.770	30.469	31.601
23.965	1.021	14.754						
11/17/2016 11:00:00 PM	176400.000	123.405	19.658	277.981	41727.602	46468.629	30.466	31.599
23.965	1.021	14.754						
11/17/2016 11:15:00 PM	177300.000	123.404	19.662	277.979	41722.418	46459.156	30.460	31.592
23.968	1.021	14.754						
11/17/2016 11:30:00 PM	178200.000	123.443	19.663	278.068	41704.438	46438.613	30.445	31.578
23.978	1.021	14.756						
11/17/2016 11:45:00 PM	179100.000	123.490	19.662	278.173	41732.141	46469.727	30.467	31.599
23.962	1.021	14.753						
11/18/2016 12:00:00 AM	180000.000	123.515	19.655	278.231	41709.344	46451.652	30.454	31.587
23.975	1.021	14.756						
11/18/2016 12:15:00 AM	180900.000	123.564	19.651	278.339	41742.605	46492.234	30.483	31.615
23.956	1.021	14.754						
11/18/2016 12:30:00 AM	181800.000	123.589	19.669	278.395	41726.016	46456.191	30.458	31.590
23.966	1.021	14.750						
11/18/2016 12:45:00 AM	182700.000	123.617	19.674	278.458	41742.910	46470.090	30.468	31.600
23.956	1.021	14.750						
11/18/2016 1:00:00 AM	183600.000	123.644	19.671	278.521	41739.980	46470.266	30.468	31.600
23.958	1.021	14.746						
11/18/2016 1:15:00 AM	184500.000	123.663	19.672	278.562	41727.238	46455.148	30.457	31.590
23.965	1.021	14.745						
11/18/2016 1:30:00 AM	185400.000	123.682	19.675	278.607	41717.875	46441.699	30.448	31.580
23.971	1.021	14.742						
11/18/2016 1:45:00 AM	186300.000	123.695	19.671	278.635	41740.539	46470.891	30.469	31.600
23.958	1.021	14.747						
11/18/2016 2:00:00 AM	187200.000	123.698	19.666	278.642	41756.465	46492.766	30.484	31.615
23.948	1.021	14.746						
11/18/2016 2:15:00 AM	188100.000	123.708	19.661	278.665	41741.852	46482.086	30.476	31.608
23.957	1.021	14.747						
11/18/2016 2:30:00 AM	189000.000	123.710	19.659	278.669	41724.301	46464.434	30.463	31.596
23.967	1.021	14.746						
11/18/2016 2:45:00 AM	189900.000	123.715	19.658	278.680	41713.934	46453.930	30.456	31.589
23.973	1.021	14.740						
11/18/2016 3:00:00 AM	190800.000	123.708	19.667	278.663	41718.543	46449.676	30.453	31.586
23.970	1.021	14.742						
11/18/2016 3:15:00 AM	191700.000	123.697	19.665	278.641	41754.703	46492.609	30.484	31.615
23.949	1.021	14.747						
11/18/2016 3:30:00 AM	192600.000	123.679	19.658	278.600	41727.230	46468.215	30.466	31.598
23.965	1.021	14.750						
11/18/2016 3:45:00 AM	193500.000	123.678	19.659	278.598	41718.129	46457.563	30.458	31.591
23.970	1.021	14.740						
11/18/2016 4:00:00 AM	194400.000	123.665	19.669	278.566	41731.719	46462.621	30.463	31.595
23.963	1.021	14.743						
11/18/2016 4:15:00 AM	195300.000	123.637	19.674	278.503	41748.902	46477.281	30.473	31.605
23.953	1.021	14.750						
11/18/2016 4:30:00 AM	196200.000	123.627	19.657	278.481	41739.355	46483.016	30.477	31.608
23.958	1.021	14.749						
11/18/2016 4:45:00 AM	197100.000	123.613	19.664	278.450	41710.797	46444.496	30.449	31.582
23.975	1.021	14.747						
11/18/2016 5:00:00 AM	198000.000	123.599	19.671	278.420	41738.199	46467.605	30.466	31.598
23.959	1.021	14.740						
11/18/2016 5:15:00 AM	198900.000	123.581	19.661	278.378	41708.973	46445.305	30.450	31.583
23.976	1.021	14.743						
11/18/2016 5:30:00 AM	199800.000	123.563	19.663	278.339	41729.348	46465.582	30.464	31.597
23.964	1.021	14.742						
11/18/2016 5:45:00 AM	200700.000	123.551	19.665	278.310	41732.035	46466.848	30.465	31.597
23.962	1.021	14.740						
11/18/2016 6:00:00 AM	201600.000	123.539	19.669	278.283	41727.902	46458.641	30.460	31.592
23.965	1.021	14.739						
11/18/2016 6:15:00 AM	202500.000	123.528	19.669	278.258	41728.930	46459.176	30.460	31.592
23.964	1.021	14.739						
11/18/2016 6:30:00 AM	203400.000	123.517	19.667	278.233	41709.758	46440.316	30.446	31.579
23.975	1.021	14.741						
11/18/2016 6:45:00 AM	204300.000	123.518	19.666	278.237	41723.598	46456.512	30.458	31.590
23.967	1.021	14.740						
11/18/2016 7:00:00 AM	205200.000	123.513	19.672	278.225	41698.602	46422.820	30.434	31.568
23.962	1.021	14.745						
11/18/2016 7:15:00 AM	206100.000	123.510	19.665	278.219	41723.047	46456.586	30.458	31.590
23.968	1.021	14.748						
11/18/2016 7:30:00 AM	207000.000	123.518	19.654	278.236	41700.762	46442.699	30.447	31.581
23.980	1.021	14.749						
11/18/2016 7:45:00 AM	207900.000	123.530	19.663	278.263	41722.945	46459.137	30.460	31.592
23.968	1.021	14.748						
11/18/2016 8:00:00 AM	208800.000	123.536	19.665	278.276	41704.305	46435.805	30.443	31.576
23.978	1.021	14.752						
11/18/2016 8:15:00 AM	209700.000	123.552	19.665	278.313	41715.602	46448.203	30.452	31.585
23.972	1.021	14.757						
11/18/2016 8:30:00 AM	210600.000	123.569	19.672	278.350	41745.676	46475.590	30.472	31.603
23.955	1.021	14.757						
11/18/2016 8:45:00 AM	211500.000	123.584	19.669	278.386	41735.488	46467.250	30.466	31.598
23.960	1.021	14.758						
11/18/2016 9:00:00 AM	212400.000	123.609	19.663	278.442	41722.086	46458.266	30.459	31.592
23.968	1.021	14.756						
11/18/2016 9:15:00 AM	213300.000	123.625	19.664	278.477	41731.102	46466.676	30.465	31.597
23.963	1.021	14.763						
11/18/2016 9:30:00 AM	214200.000	123.655	19.662	278.546	41706.520	46441.793	30.447	31.580
23.977	1.021	14.757						

23.973	1.021	14.752					
11/18/2016 10:15:00 AM	216900.000	123.753	19.652	278.765	41707.180	46451.902	31.587
23.977	1.021	14.759					
11/18/2016 10:30:00 AM	217800.000	123.786	19.655	278.841	41734.961	46480.105	31.606
23.961	1.021	14.750					
11/18/2016 10:45:00 AM	218700.000	123.814	19.650	278.903	41730.449	46480.074	31.606
23.963	1.021	14.755					
11/18/2016 11:00:00 AM	219600.000	123.843	19.651	278.968	41740.957	46490.480	31.614
23.957	1.021	14.750					
11/18/2016 11:15:00 AM	220500.000	123.862	19.658	279.012	41737.270	46479.395	31.606
23.959	1.021	14.752					
11/18/2016 11:30:00 AM	221400.000	123.891	19.666	279.077	41739.594	46473.980	31.602
23.958	1.021	14.741					
11/18/2016 11:45:00 AM	222300.000	123.904	19.669	279.107	41750.328	46483.258	31.609
23.952	1.021	14.746					
11/18/2016 12:00:00 PM	223200.000	123.932	19.663	279.169	41747.648	46486.305	31.611
23.953	1.021	14.740					
11/18/2016 12:15:00 PM	224100.000	123.935	19.661	279.175	41714.047	46451.035	31.587
23.973	1.021	14.740					
11/18/2016 12:30:00 PM	225000.000	123.953	19.670	279.217	41720.992	46449.828	31.586
23.969	1.021	14.732					
11/18/2016 12:45:00 PM	225900.000	123.963	19.669	279.239	41733.945	46465.191	31.596
23.961	1.021	14.728					
11/18/2016 1:00:00 PM	226800.000	123.974	19.673	279.263	41740.270	46468.613	31.599
23.958	1.021	14.720					
11/18/2016 1:15:00 PM	227700.000	123.973	19.665	279.262	41705.793	46438.148	31.578
23.977	1.021	14.716					
11/18/2016 1:30:00 PM	228600.000	123.988	19.665	279.251	41751.500	46488.605	31.612
23.951	1.021	14.715					
11/18/2016 1:45:00 PM	229500.000	123.959	19.661	279.230	41713.816	46450.867	31.587
23.973	1.021	14.715					
11/18/2016 2:00:00 PM	230400.000	123.941	19.655	279.190	41709.922	46451.859	31.587
23.975	1.021	14.715					
11/18/2016 2:15:00 PM	231300.000	123.921	19.657	279.145	41756.039	46501.938	31.621
23.949	1.021	14.708					
11/18/2016 2:30:00 PM	232200.000	123.908	19.656	279.114	41724.035	46467.336	31.598
23.967	1.021	14.702					
11/18/2016 2:45:00 PM	233100.000	123.880	19.660	279.051	41729.477	46468.914	31.599
23.964	1.021	14.699					
11/18/2016 3:00:00 PM	234000.000	123.841	19.662	278.963	41729.488	46467.465	31.598
23.964	1.021	14.700					
11/18/2016 3:15:00 PM	234900.000	123.803	19.662	278.879	41729.156	46466.402	31.597
23.964	1.021	14.701					
11/18/2016 3:30:00 PM	235800.000	123.766	19.667	278.795	41721.375	46452.746	31.588
23.969	1.021	14.698					
11/18/2016 3:45:00 PM	236700.000	123.726	19.679	278.705	41743.598	46466.121	31.597
23.956	1.021	14.701					
11/18/2016 4:00:00 PM	237600.000	123.683	19.666	278.608	41720.145	46452.922	31.588
23.969	1.021	14.698					
11/18/2016 4:15:00 PM	238500.000	123.625	19.664	278.478	41723.047	46457.535	31.591
23.968	1.021	14.708					
11/18/2016 4:30:00 PM	239400.000	123.583	19.660	278.384	41744.266	46485.469	31.610
23.955	1.021	14.710					
11/18/2016 4:45:00 PM	240300.000	123.534	19.666	278.272	41743.445	46479.039	31.606
23.956	1.021	14.712					
11/18/2016 5:00:00 PM	241200.000	123.488	19.668	278.169	41740.605	46473.125	31.602
23.957	1.021	14.707					
11/18/2016 5:15:00 PM	242100.000	123.449	19.657	278.081	41697.035	46436.227	31.577
23.963	1.021	14.708					
11/18/2016 5:30:00 PM	243000.000	123.399	19.659	277.967	41740.805	46482.902	31.608
23.957	1.021	14.714					
11/18/2016 5:45:00 PM	243900.000	123.358	19.660	277.877	41759.645	46502.934	31.622
23.947	1.021	14.711					
11/18/2016 6:00:00 PM	244800.000	123.307	19.656	277.760	41703.027	46443.500	31.582
23.979	1.021	14.712					
11/18/2016 6:15:00 PM	245700.000	123.264	19.656	277.665	41768.930	46516.555	31.631
23.941	1.021	14.718					
11/18/2016 6:30:00 PM	246600.000	123.223	19.664	277.572	41719.160	46453.891	31.589
23.970	1.021	14.720					
11/18/2016 6:45:00 PM	247500.000	123.196	19.662	277.510	41755.887	46495.996	31.617
23.949	1.021	14.714					
11/18/2016 7:00:00 PM	248400.000	123.153	19.664	277.415	41711.988	46445.559	31.583
23.974	1.021	14.719					
11/18/2016 7:15:00 PM	249300.000	123.132	19.671	277.366	41743.602	46473.438	31.602
23.956	1.021	14.718					
11/18/2016 7:30:00 PM	250200.000	123.104	19.675	277.303	41729.461	46453.996	31.589
23.964	1.021	14.716					
11/18/2016 7:45:00 PM	251100.000	123.085	19.669	277.262	41745.852	46477.926	31.605
23.954	1.021	14.719					
11/18/2016 8:00:00 PM	252000.000	123.071	19.668	277.229	41726.934	46458.672	31.592
23.965	1.021	14.720					
11/18/2016 8:15:00 PM	252900.000	123.068	19.670	277.223	41718.719	46447.547	31.584
23.970	1.021	14.718					
11/18/2016 8:30:00 PM	253800.000	123.060	19.675	277.205	41747.145	46473.422	31.602
23.954	1.021	14.723					
11/18/2016 8:45:00 PM	254700.000	123.065	19.676	277.215	41689.441	46409.105	31.558
23.967	1.021	14.719					
11/18/2016 9:00:00 PM	255600.000	123.065	19.671	277.216	41754.773	46486.141	31.611
23.949	1.021	14.726					
11/18/2016 9:15:00 PM	256500.000	123.080	19.671	277.250	41751.598	46482.605	31.608
23.951	1.021	14.726					
11/18/2016 9:30:00 PM	257400.000	123.098	19.677	277.291	41772.816	46500.281	31.620
23.939	1.021	14.726					
11/18/2016 9:45:00 PM	258300.000	123.121	19.670	277.343	41729.598	46458.969	31.592
23.964	1.021	14.727					
11/18/2016 10:00:00 PM	259200.000	123.139	19.667	277.383	41724.578	46456.395	31.590
23.967	1.021	14.730					
11/18/2016 10:15:00 PM	260100.000	123.167	19.663	277.446	41734.484	46471.215	31.600
23.961	1.021	14.733					
11/18/2016 10:30:00 PM	261000.000	123.208	19.659	277.539	41751.188	46494.293	31.616
23.951	1.021	14.726					
11/18/2016 10:45:00 PM	261900.000	123.230	19.661	277.587	41738.707	46478.582	31.605
23.959	1.021	14.731					
11/18/2016 11:00:00 PM	262800.000	123.281	19.662	277.703	41705.023	46439.613	31.579
23.978	1.021	14.719					
11/18/2016 11:15:00 PM	263700.000	123.315	19.672	277.779	41709.672	46435.508	31.576
23.975	1.021	14.725					
11/18/2016 11:30:00 PM	264600.000	123.350	19.669	277.858	41717.633	46446.855	31.584
23.971	1.021	14.731					
11/18/2016 11:45:00 PM	265500.000	123.386	19.660	277.962	41749.297	46491.238	31.614
23.952	1.021	14.722					
11/19/2016 12:00:00 AM	266400.000	123.423	19.661	278.022	41716.398	46453.652	31.588
23.971	1.021	14.735					
11/19/2016 12:15:00 AM	267300.000	123.474	19.656	278.136	41729.918	46473.363	31.602
23.964	1.021	14.728					
11/19/2016 12:30:00 AM	268200.000	123.514	19.658	278.228	41749.375	46492.785	31.615
23.952	1.021	14.725					
11/19/2016 12:45:00 AM	269100.000	123.548	19.658	278.304	41711.352	46451.309	31.587
23.974	1.021	14.726					
11/19/2016 1:00:00 AM	270000.000	123.586	19.656	278.390	41708.266	46448.996	31.585
23.976	1.021	14.728					
11/19/2016 1:15:00 AM	270900.000	123.624	19.657	278.474	41691.445	46429.480	31.572
23.986	1.021	14.724					
11/19/2016 1:30:00 AM	271800.000	123.657	19.662	278.549	41715.578	46451.285	31.587
23.972	1.021	14.722					
11/19/2016 1:45:00 AM	272700.000	123.691	19.654	278.625	41725.719	46470.676	31.600
23.966	1.021	14.717					
11/19/2016 2:00:00 AM	273600.000	123.712	19.652	278.673	41702.879	46447.039	31.584
23.979	1.021	14.724					
11/19/2016 2:15:00 AM	274500.000	123.737	19.651	278.730	41719.352	46466.590	31.597
23.970	1.021	14.722					
11/19/2016 2:30:00 AM	275400.000	123.760	19.654	278.782	41696.090	46437.934	31.578
23.963	1.021	14.718					

11/19/2016 2:45:00 AM	276390.000	123.775	19.654	278.816	41750.387	46497.793	30.488	31.619
23.952	1.021	14.717						
11/19/2016 3:00:00 AM	277200.000	123.777	19.653	278.819	41712.613	46457.191	30.458	31.591
23.974	1.021	14.722						
11/19/2016 3:15:00 AM	278100.000	123.795	19.653	278.859	41737.105	46484.727	30.478	31.610
23.959	1.021	14.716						
11/19/2016 3:30:00 AM	279000.000	123.788	19.652	278.844	41748.391	46497.898	30.488	31.619
23.953	1.021	14.724						
11/19/2016 3:45:00 AM	279900.000	123.797	19.651	278.866	41707.098	46452.688	30.455	31.588
23.977	1.021	14.716						
11/19/2016 4:00:00 AM	280800.000	123.795	19.655	278.859	41736.473	46482.039	30.476	31.608
23.960	1.021	14.714						
11/19/2016 4:15:00 AM	281700.000	123.801	19.652	278.873	41721.445	46467.633	30.465	31.598
23.968	1.021	14.709						
11/19/2016 4:30:00 AM	282600.000	123.797	19.652	278.865	41712.527	46458.379	30.459	31.592
23.974	1.021	14.713						
11/19/2016 4:45:00 AM	283500.000	123.777	19.649	278.821	41720.988	46470.563	30.467	31.600
23.969	1.021	14.714						
11/19/2016 5:00:00 AM	284400.000	123.775	19.654	278.814	41722.887	46467.520	30.465	31.598
23.968	1.021	14.709						
11/19/2016 5:15:00 AM	285300.000	123.756	19.651	278.772	41722.375	46470.047	30.467	31.600
23.968	1.021	14.716						
11/19/2016 5:30:00 AM	286200.000	123.742	19.652	278.740	41711.402	46457.051	30.458	31.591
23.974	1.021	14.711						
11/19/2016 5:45:00 AM	287100.000	123.735	19.651	278.726	41734.617	46483.504	30.477	31.609
23.961	1.021	14.707						
11/19/2016 6:00:00 AM	288000.000	123.717	19.652	278.685	41761.113	46512.676	30.498	31.629
23.946	1.021	14.705						
11/19/2016 6:15:00 AM	288900.000	123.704	19.656	278.655	41723.254	46465.852	30.464	31.597
23.967	1.021	14.706						
11/19/2016 6:30:00 AM	289800.000	123.688	19.658	278.618	41741.223	46483.980	30.478	31.609
23.957	1.021	14.704						
11/19/2016 6:45:00 AM	290700.000	123.668	19.671	278.575	41743.363	46473.871	30.471	31.602
23.956	1.021	14.713						
11/19/2016 7:00:00 AM	291600.000	123.662	19.673	278.562	41736.254	46463.625	30.463	31.595
23.960	1.021	14.708						
11/19/2016 7:15:00 AM	292500.000	123.647	19.674	278.526	41737.430	46464.512	30.464	31.596
23.959	1.021	14.706						
11/19/2016 7:30:00 AM	293400.000	123.646	19.674	278.525	41723.617	46448.953	30.453	31.585
23.967	1.021	14.703						
11/19/2016 7:45:00 AM	294300.000	123.635	19.670	278.499	41715.141	46442.789	30.448	31.581
23.972	1.021	14.710						
11/19/2016 8:00:00 AM	295200.000	123.637	19.657	278.505	41716.422	46457.477	30.458	31.591
23.971	1.021	14.708						
11/19/2016 8:15:00 AM	296100.000	123.629	19.667	278.487	41744.773	46479.488	30.475	31.606
23.965	1.021	14.709						
11/19/2016 8:30:00 AM	297000.000	123.636	19.674	278.502	41742.734	46470.324	30.468	31.600
23.966	1.021	14.705						
11/19/2016 8:45:00 AM	297900.000	123.643	19.672	278.518	41782.090	46515.609	30.501	31.631
23.934	1.021	14.707						
11/19/2016 9:00:00 AM	298800.000	123.642	19.674	278.516	41725.113	46450.188	30.454	31.586
23.966	1.021	14.709						
11/19/2016 9:15:00 AM	299700.000	123.645	19.673	278.522	41758.699	46488.707	30.482	31.612
23.947	1.021	14.716						
11/19/2016 9:30:00 AM	300600.000	123.656	19.674	278.548	41727.297	46452.797	30.456	31.588
23.965	1.021	14.714						
11/19/2016 9:45:00 AM	301500.000	123.681	19.673	278.605	41743.523	46472.152	30.470	31.601
23.956	1.021	14.710						
11/19/2016 10:00:00 AM	302400.000	123.693	19.672	278.630	41749.672	46479.430	30.475	31.606
23.952	1.021	14.712						
11/19/2016 10:15:00 AM	303300.000	123.716	19.672	278.682	41724.184	46450.961	30.454	31.587
23.967	1.021	14.706						
11/19/2016 10:30:00 AM	304200.000	123.738	19.673	278.731	41728.637	46455.488	30.458	31.590
23.964	1.021	14.710						
11/19/2016 10:45:00 AM	305100.000	123.764	19.673	278.791	41713.973	46439.254	30.446	31.579
23.973	1.021	14.711						
11/19/2016 11:00:00 AM	306000.000	123.787	19.664	278.842	41725.992	46461.496	30.462	31.594
23.966	1.021	14.714						
11/19/2016 11:15:00 AM	306900.000	123.812	19.664	278.899	41719.719	46454.250	30.456	31.589
23.969	1.021	14.709						
11/19/2016 11:30:00 AM	307800.000	123.833	19.661	278.946	41737.488	46477.137	30.473	31.604
23.959	1.021	14.709						
11/19/2016 11:45:00 AM	308700.000	123.859	19.665	279.006	41745.129	46481.078	30.476	31.607
23.955	1.021	14.713						
11/19/2016 12:00:00 PM	309600.000	123.884	19.667	279.060	41726.617	46459.188	30.460	31.592
23.966	1.021	14.702						
11/19/2016 12:15:00 PM	310500.000	123.914	19.671	279.129	41749.574	46480.270	30.476	31.607
23.952	1.021	14.702						
11/19/2016 12:30:00 PM	311400.000	123.927	19.659	279.159	41732.844	46474.129	30.471	31.602
23.962	1.021	14.704						
11/19/2016 12:45:00 PM	312300.000	123.940	19.669	279.188	41723.617	46454.031	30.456	31.589
23.967	1.021	14.704						
11/19/2016 1:00:00 PM	313200.000	123.946	19.671	279.200	41727.855	46456.609	30.458	31.590
23.965	1.021	14.710						
11/19/2016 1:15:00 PM	314100.000	123.972	19.659	279.258	41732.488	46473.301	30.470	31.602
23.962	1.021	14.697						
11/19/2016 1:30:00 PM	315000.000	123.985	19.660	279.289	41693.828	46429.035	30.438	31.572
23.984	1.021	14.699						
11/19/2016 1:45:00 PM	315900.000	123.989	19.657	279.297	41728.047	46470.668	30.468	31.600
23.965	1.021	14.699						
11/19/2016 2:00:00 PM	316800.000	123.996	19.651	279.313	41716.000	46462.684	30.462	31.595
23.972	1.021	14.696						
11/19/2016 2:15:00 PM	317700.000	123.985	19.650	279.287	41709.129	46455.973	30.457	31.590
23.976	1.021	14.700						
11/19/2016 2:30:00 PM	318600.000	123.983	19.656	279.284	41707.238	46448.445	30.452	31.585
23.977	1.021	14.698						
11/19/2016 2:45:00 PM	319500.000	123.978	19.659	279.273	41738.961	46480.938	30.475	31.607
23.958	1.021	14.694						
11/19/2016 3:00:00 PM	320400.000	123.964	19.667	279.240	41726.895	46459.578	30.460	31.593
23.965	1.021	14.699						
11/19/2016 3:15:00 PM	321300.000	123.944	19.673	279.196	41761.387	46491.602	30.484	31.614
23.946	1.021	14.698						
11/19/2016 3:30:00 PM	322200.000	123.928	19.675	279.161	41723.824	46447.645	30.452	31.584
23.967	1.021	14.699						
11/19/2016 3:45:00 PM	323100.000	123.869	19.670	279.026	41722.949	46451.750	30.455	31.587
23.968	1.021	14.699						
11/19/2016 4:00:00 PM	324000.000	123.865	19.662	279.019	41677.090	46408.254	30.423	31.558
23.994	1.021	14.702						
11/19/2016 4:15:00 PM	324900.000	123.847	19.659	278.978	41716.508	46455.152	30.457	31.590
23.971	1.021	14.700						
11/19/2016 4:30:00 PM	325800.000	123.811	19.658	278.895	41736.008	46477.988	30.473	31.605
23.960	1.021	14.696						
11/19/2016 4:45:00 PM	326700.000	123.779	19.660	278.823	41737.559	46478.074	30.473	31.605
23.959	1.021	14.694						
11/19/2016 5:00:00 PM	327600.000	123.746	19.658	278.751	41693.902	46431.012	30.439	31.573
23.984	1.021	14.698						
11/19/2016 5:15:00 PM	328500.000	123.705	19.661	278.659	41713.914	46450.465	30.453	31.586
23.973	1.021	14.693						
11/19/2016 5:30:00 PM	329400.000	123.665	19.670	278.567	41754.047	46486.289	30.480	31.611
23.950	1.021	14.696						
11/19/2016 5:45:00 PM	330300.000	123.624	19.671	278.476	41736.660	46466.230	30.465	31.597
23.960	1.021	14.700						
11/19/2016 6:00:00 PM	331200.000	123.585	19.661	278.387	41729.598	46468.527	30.467	31.599
23.964	1.021	14.699						
11/19/2016 6:15:00 PM	332100.000	123.540	19.661	278.287	41737.320	46477.129	30.473	31.604
23.959	1.021	14.700						
11/19/2016 6:30:00 PM	333000.000	123.505	19.661	278.206	41728.719	46467.371	30.466	31.598
23.964	1.021	14.697						
11/19/2016 6:45:00 PM	333900.000	123.470	19.660	278.129	41724.430	46463.547	30.463	31.595
23.967	1.021	14.706						
11/19/2016 7:00:00 PM	334800.000	123.432	19.654	278.043	41741.520	46488.527	30.481	31.612
23.957	1.021							

23.944	1.021	14.708					
11/19/2016 7:30:00 PM	336600.000	123.330	19.660	277.814	41733.434	46473.746	31.602
23.962	1.021	14.706					
11/19/2016 7:45:00 PM	337500.000	123.330	19.662	277.812	41744.109	46483.309	31.609
23.955	1.021	14.709					
11/19/2016 8:00:00 PM	338400.000	123.298	19.661	277.741	41706.797	46443.051	31.581
23.977	1.021	14.711					
11/19/2016 8:15:00 PM	339300.000	123.276	19.660	277.691	41735.789	46476.551	31.604
23.960	1.021	14.710					
11/19/2016 8:30:00 PM	340200.000	123.285	19.663	277.666	41713.922	46448.656	31.585
23.973	1.021	14.704					
11/19/2016 8:45:00 PM	341100.000	123.240	19.660	277.610	41719.918	46458.355	31.592
23.969	1.021	14.709	19.662	277.587	41729.402	46466.762	31.597
11/19/2016 9:00:00 PM	342000.000	123.230					
23.964	1.021	14.708					
11/19/2016 9:15:00 PM	342900.000	123.221	19.668	277.568	41764.246	46499.613	31.620
23.944	1.021	14.714					
11/19/2016 9:30:00 PM	343800.000	123.217	19.665	277.558	41710.609	46442.734	31.581
23.975	1.021	14.713					
11/19/2016 9:45:00 PM	344700.000	123.212	19.669	277.547	41722.199	46452.293	31.588
23.968	1.021	14.710	19.660	277.574	41703.883	46440.836	31.580
11/19/2016 10:00:00 PM	345600.000	123.224					
23.979	1.021	14.711					
11/19/2016 10:15:00 PM	346500.000	123.244	19.661	277.620	41714.133	46450.789	31.587
23.973	1.021	14.710					
11/19/2016 10:30:00 PM	347400.000	123.252	19.669	277.636	41746.160	46478.875	31.606
23.954	1.021	14.714					
11/19/2016 10:45:00 PM	348300.000	123.263	19.668	277.661	41730.895	46463.082	31.595
23.963	1.021	14.716					
11/19/2016 11:00:00 PM	349200.000	123.290	19.667	277.722	41726.156	46458.500	31.592
23.966	1.021	14.711					
11/19/2016 11:15:00 PM	350100.000	123.313	19.662	277.774	41721.172	46457.852	31.591
23.969	1.021	14.712					
11/19/2016 11:30:00 PM	351000.000	123.349	19.669	277.856	41763.941	46498.066	31.619
23.944	1.021	14.706					
11/19/2016 11:45:00 PM	351900.000	123.379	19.657	277.924	41765.035	46511.176	31.628
23.943	1.021	14.705					
11/20/2016 12:00:00 AM	352800.000	123.408	19.671	277.989	41737.398	46467.480	31.598
23.959	1.021	14.708					
11/20/2016 12:15:00 AM	353700.000	123.445	19.664	278.071	41706.289	46439.734	31.579
23.977	1.021	14.705					
11/20/2016 12:30:00 AM	354600.000	123.487	19.658	278.167	41709.164	46447.922	31.585
23.976	1.021	14.709					
11/20/2016 12:45:00 AM	355500.000	123.528	19.659	278.258	41705.020	46443.141	31.581
23.978	1.021	14.702					
11/20/2016 1:00:00 AM	356400.000	123.564	19.657	278.340	41716.266	46457.305	31.591
23.971	1.021	14.701					
11/20/2016 1:15:00 AM	357300.000	123.592	19.670	278.404	41739.016	46469.711	31.599
23.958	1.021	14.706					
11/20/2016 1:30:00 AM	358200.000	123.635	19.674	278.500	41757.672	46487.047	31.611
23.948	1.021	14.705					
11/20/2016 1:45:00 AM	359100.000	123.675	19.671	278.590	41749.762	46480.477	31.607
23.952	1.021	14.702					
11/20/2016 2:00:00 AM	360000.000	123.705	19.669	278.658	41752.082	46484.953	31.610
23.951	1.021	14.708					
11/20/2016 2:15:00 AM	360900.000	123.740	19.668	278.736	41784.113	46521.566	31.635
23.933	1.021	14.707					
11/20/2016 2:30:00 AM	361800.000	123.772	19.660	278.808	41721.016	46459.145	31.592
23.969	1.021	14.706					
11/20/2016 2:45:00 AM	362700.000	123.795	19.662	278.860	41757.883	46498.984	31.619
23.948	1.021	14.705					
11/20/2016 3:00:00 AM	363600.000	123.833	19.664	278.947	41721.672	46456.344	31.590
23.968	1.021	14.704					
11/20/2016 3:15:00 AM	364500.000	123.851	19.652	278.987	41727.730	46474.633	31.603
23.965	1.021	14.703					
11/20/2016 3:30:00 AM	365400.000	123.877	19.651	279.045	41739.543	46489.418	31.613
23.958	1.021	14.698					
11/20/2016 3:45:00 AM	366300.000	123.899	19.654	279.095	41713.766	46457.441	31.591
23.973	1.021	14.700					
11/20/2016 4:00:00 AM	367200.000	123.920	19.655	279.142	41735.992	46481.254	31.607
23.960	1.021	14.697					
11/20/2016 4:15:00 AM	368100.000	123.914	19.659	279.128	41740.516	46482.492	31.608
23.958	1.021	14.697					
11/20/2016 4:30:00 AM	369000.000	123.913	19.657	279.127	41702.191	46442.051	31.581
23.980	1.021	14.702					
11/20/2016 4:45:00 AM	369900.000	123.917	19.655	279.134	41732.336	46477.523	31.605
23.962	1.021	14.697					
11/20/2016 5:00:00 AM	370800.000	123.926	19.655	279.155	41729.051	46473.949	31.602
23.964	1.021	14.698					
11/20/2016 5:15:00 AM	371700.000	123.917	19.661	279.135	41754.625	46496.219	31.617
23.949	1.021	14.698					
11/20/2016 5:30:00 AM	372600.000	123.907	19.661	279.113	41720.074	46458.008	31.591
23.969	1.021	14.697					
11/20/2016 5:45:00 AM	373500.000	123.892	19.665	279.079	41719.000	46452.168	31.587
23.970	1.021	14.700					
11/20/2016 6:00:00 AM	374400.000	123.884	19.667	279.084	41712.340	46443.289	31.581
23.974	1.021	14.700					
11/20/2016 6:15:00 AM	375300.000	123.873	19.662	279.035	41723.820	46461.055	31.594
23.967	1.021	14.707					
11/20/2016 6:30:00 AM	376200.000	123.869	19.662	279.028	41711.879	46447.504	31.584
23.974	1.021	14.701					
11/20/2016 6:45:00 AM	377100.000	123.847	19.658	278.977	41737.523	46480.371	31.607
23.959	1.021	14.705					
11/20/2016 7:00:00 AM	378000.000	123.842	19.657	278.965	41746.500	46490.879	31.614
23.954	1.021	14.703					
11/20/2016 7:15:00 AM	378900.000	123.821	19.657	278.919	41724.344	46466.043	31.597
23.967	1.021	14.710					
11/20/2016 7:30:00 AM	379800.000	123.804	19.663	278.881	41732.898	46469.445	31.599
23.962	1.021	14.709					
11/20/2016 7:45:00 AM	380700.000	123.772	19.671	278.808	41750.563	46481.453	31.607
23.952	1.021	14.704					
11/20/2016 8:00:00 AM	381600.000	123.771	19.660	278.806	41755.633	46497.859	31.619
23.949	1.021	14.702					
11/20/2016 8:15:00 AM	382500.000	123.744	19.669	278.746	41749.355	46481.918	31.608
23.952	1.021	14.706					
11/20/2016 8:30:00 AM	383400.000	123.733	19.675	278.721	41741.387	46467.789	31.598
23.957	1.021	14.711					
11/20/2016 8:45:00 AM	384300.000	123.727	19.669	278.708	41750.543	46483.926	31.609
23.952	1.021	14.707					
11/20/2016 9:00:00 AM	385200.000	123.716	19.665	278.683	41747.863	46484.125	31.609
23.953	1.021	14.713					
11/20/2016 9:15:00 AM	386100.000	123.711	19.667	278.671	41767.109	46503.668	31.622
23.942	1.021	14.710					
11/20/2016 9:30:00 AM	387000.000	123.708	19.664	278.664	41732.699	46469.051	31.599
23.962	1.021	14.706					
11/20/2016 9:45:00 AM	387900.000	123.708	19.660	278.664	41715.344	46452.828	31.588
23.972	1.021	14.708					
11/20/2016 10:00:00 AM	388800.000	123.727	19.658	278.708	41696.695	46434.039	31.575
23.983	1.021	14.711					
11/20/2016 10:15:00 AM	389700.000	123.708	19.656	278.664	41719.828	46462.129	31.594
23.969	1.021	14.702					
11/20/2016 10:30:00 AM	390600.000	123.708	19.659	278.663	41727.266	46467.488	31.598
23.965	1.021	14.705					
11/20/2016 10:45:00 AM	391500.000	123.704	19.661	278.655	41722.672	46460.297	31.593
23.968	1.021	14.713					
11/20/2016 11:00:00 AM	392400.000	123.713	19.669	278.675	41752.086	46485.473	31.610
23.951	1.021	14.710					
11/20/2016 11:15:00 AM	393300.000	123.729	19.659	278.712	41733.355	46474.270	31.603
23.962	1.021	14.708					
11/20/2016 11:30:00 AM	394200.000	123.749	19.656	278.757	41700.617	46440.816	31.580
23.980	1.021	14.704					
11/20/2016 11:45:00 AM	395100.000	123.772	19.656	278.808	41765.074	46512.516	31.629
23.943	1.021	14.696					

11/20/2016 12:00:00 PM	396000.000	123.770	19.659	278.803	41712.773	46451.176	30.454	31.587
23.973	1.021	14.897						
11/20/2016 12:15:00 PM	396900.000	123.789	19.658	278.846	41712.777	46451.949	30.454	31.587
23.973	1.021	14.700						
11/20/2016 12:30:00 PM	397800.000	123.806	19.672	278.886	41729.547	46457.719	30.459	31.591
23.964	1.021	14.696						
11/20/2016 12:45:00 PM	398700.000	123.832	19.671	278.944	41728.141	46456.570	30.458	31.590
23.965	1.021	14.695						
11/20/2016 1:00:00 PM	399600.000	123.839	19.668	278.959	41729.160	46460.723	30.461	31.593
23.964	1.021	14.691						
11/20/2016 1:15:00 PM	400500.000	123.892	19.671	279.080	41752.934	46484.688	30.479	31.610
23.950	1.021	14.697						
11/20/2016 1:30:00 PM	401400.000	123.886	19.668	279.064	41728.375	46460.277	30.461	31.593
23.965	1.021	14.685						
11/20/2016 1:45:00 PM	402300.000	123.913	19.658	279.126	41747.223	46490.660	30.483	31.614
23.954	1.021	14.684						
11/20/2016 2:00:00 PM	403200.000	123.942	19.652	279.191	41729.559	46477.531	30.473	31.605
23.964	1.021	14.680						
11/20/2016 2:15:00 PM	404100.000	123.951	19.652	279.211	41717.449	46463.859	30.463	31.595
23.971	1.021	14.676						
11/20/2016 2:30:00 PM	405000.000	123.950	19.653	279.209	41725.496	46471.891	30.469	31.601
23.966	1.021	14.680						
11/20/2016 2:45:00 PM	405900.000	123.952	19.653	279.213	41724.957	46470.766	30.468	31.600
23.966	1.021	14.679						
11/20/2016 3:00:00 PM	406800.000	123.974	19.659	279.264	41731.285	46472.301	30.469	31.601
23.963	1.021	14.674						
11/20/2016 3:15:00 PM	407700.000	123.962	19.649	279.236	41691.102	46436.938	30.443	31.577
23.966	1.021	14.683						
11/20/2016 3:30:00 PM	408600.000	123.970	19.649	279.254	41708.547	46456.109	30.457	31.590
23.976	1.021	14.681						
11/20/2016 3:45:00 PM	409500.000	123.970	19.654	279.255	41733.406	46479.145	30.474	31.606
23.962	1.021	14.682						
11/20/2016 4:00:00 PM	410400.000	123.949	19.659	279.208	41749.582	46491.984	30.484	31.615
23.952	1.021	14.681						
11/20/2016 4:15:00 PM	411300.000	123.939	19.658	279.184	41688.668	46425.363	30.435	31.569
23.967	1.021	14.680						
11/20/2016 4:30:00 PM	412200.000	123.932	19.653	279.168	41720.395	46465.770	30.464	31.597
23.969	1.021	14.682						
11/20/2016 4:45:00 PM	413100.000	123.924	19.652	279.151	41725.469	46472.883	30.469	31.602
23.966	1.021	14.674						
11/20/2016 5:00:00 PM	414000.000	123.896	19.661	279.087	41754.906	46495.934	30.487	31.617
23.949	1.021	14.677						
11/20/2016 5:15:00 PM	414900.000	123.863	19.660	279.013	41715.387	46453.043	30.455	31.588
23.972	1.021	14.678						
11/20/2016 5:30:00 PM	415800.000	123.839	19.661	278.960	41734.145	46473.504	30.470	31.602
23.961	1.021	14.680						
11/20/2016 5:45:00 PM	416700.000	123.818	19.657	278.911	41725.008	46467.121	30.465	31.598
23.966	1.021	14.684						
11/20/2016 6:00:00 PM	417600.000	123.793	19.663	278.857	41764.027	46504.809	30.493	31.623
23.944	1.021	14.685						
11/20/2016 6:15:00 PM	418500.000	123.750	19.667	278.759	41704.777	46434.523	30.442	31.575
23.978	1.021	14.689						
11/20/2016 6:30:00 PM	419400.000	123.718	19.668	278.687	41726.070	46457.109	30.458	31.591
23.966	1.021	14.684						
11/20/2016 6:45:00 PM	420300.000	123.674	19.671	278.589	41715.055	46441.746	30.447	31.580
23.972	1.021	14.685						
11/20/2016 7:00:00 PM	421200.000	123.654	19.670	278.543	41727.055	46456.742	30.458	31.591
23.965	1.021	14.689						
11/20/2016 7:15:00 PM	422100.000	123.612	19.660	278.448	41713.676	46451.660	30.454	31.587
23.973	1.021	14.689						
11/20/2016 7:30:00 PM	423000.000	123.590	19.666	278.398	41709.891	46440.984	30.447	31.580
23.975	1.021	14.686						
11/20/2016 7:45:00 PM	423900.000	123.569	19.663	278.350	41748.734	46487.855	30.481	31.612
23.953	1.021	14.683						
11/20/2016 8:00:00 PM	424800.000	123.517	19.667	278.233	41752.895	46488.098	30.481	31.612
23.950	1.021	14.695						
11/20/2016 8:15:00 PM	425700.000	123.494	19.666	278.183	41750.918	46487.184	30.480	31.611
23.952	1.021	14.691						
11/20/2016 8:30:00 PM	426600.000	123.459	19.661	278.103	41708.746	46445.219	30.449	31.583
23.976	1.021	14.691						
11/20/2016 8:45:00 PM	427500.000	123.432	19.661	278.043	41747.426	46488.293	30.481	31.612
23.954	1.021	14.693						
11/20/2016 9:00:00 PM	428400.000	123.409	19.663	277.991	41749.359	46488.477	30.481	31.612
23.952	1.021	14.694						
11/20/2016 9:15:00 PM	429300.000	123.389	19.658	277.946	41748.992	46492.277	30.484	31.615
23.953	1.021	14.693						
11/20/2016 9:30:00 PM	430200.000	123.376	19.660	277.917	41702.867	46439.027	30.445	31.579
23.979	1.021	14.687						
11/20/2016 9:45:00 PM	431100.000	123.368	19.668	277.898	41743.730	46477.465	30.473	31.605
23.956	1.021	14.693						
11/20/2016 10:00:00 PM	432000.000	123.353	19.670	277.865	41742.836	46474.395	30.471	31.603
23.956	1.021	14.691						
11/20/2016 10:15:00 PM	432900.000	123.344	19.667	277.844	41747.797	46482.074	30.477	31.608
23.953	1.021	14.696						
11/20/2016 10:30:00 PM	433800.000	123.341	19.673	277.838	41747.777	46476.367	30.473	31.604
23.953	1.021	14.696						
11/20/2016 10:45:00 PM	434700.000	123.343	19.675	277.843	41747.059	46474.277	30.471	31.603
23.954	1.021	14.696						
11/20/2016 11:00:00 PM	435600.000	123.353	19.673	277.865	41732.117	46459.020	30.460	31.592
23.962	1.021	14.703						
11/20/2016 11:15:00 PM	436500.000	123.354	19.668	277.868	41716.109	46446.020	30.450	31.583
23.972	1.021	14.708						
11/20/2016 11:30:00 PM	437400.000	123.375	19.656	277.915	41731.023	46474.250	30.471	31.602
23.963	1.021	14.705						
11/20/2016 11:45:00 PM	438300.000	123.398	19.663	277.967	41736.953	46474.301	30.471	31.603
23.960	1.021	14.701						
11/21/2016 12:00:00 AM	439200.000	123.420	19.670	278.015	41744.352	46475.652	30.472	31.603
23.955	1.021	14.701						
11/21/2016 12:15:00 AM	440100.000	123.444	19.668	278.069	41742.504	46475.496	30.472	31.603
23.956	1.021	14.701						
11/21/2016 12:30:00 AM	441000.000	123.472	19.669	278.134	41742.895	46475.238	30.472	31.603
23.956	1.021	14.707						
11/21/2016 12:45:00 AM	441900.000	123.497	19.669	278.189	41708.238	46436.910	30.444	31.577
23.976	1.021	14.704						
11/21/2016 1:00:00 AM	442800.000	123.540	19.652	278.285	41751.934	46501.508	30.490	31.621
23.951	1.021	14.699						
11/21/2016 1:15:00 AM	443700.000	123.563	19.646	278.337	41727.449	46480.180	30.474	31.607
23.965	1.021	14.707						
11/21/2016 1:30:00 AM	444600.000	123.610	19.651	278.444	41690.539	46434.930	30.441	31.576
23.986	1.021	14.711						
11/21/2016 1:45:00 AM	445500.000	123.640	19.654	278.511	41693.098	46434.938	30.442	31.576
23.985	1.021	14.706						
11/21/2016 2:00:00 AM	446400.000	123.665	19.654	278.567	41740.949	46487.793	30.480	31.612
23.957	1.021	14.711						
11/21/2016 2:15:00 AM	447300.000	123.710	19.659	278.669	41714.984	46453.637	30.456	31.588
23.972	1.021	14.706						
11/21/2016 2:30:00 AM	448200.000	123.740	19.663	278.736	41736.793	46474.641	30.471	31.603
23.960	1.021	14.711						
11/21/2016 2:45:00 AM	449100.000	123.780	19.665	278.827	41712.793	46445.168	30.450	31.583
23.973	1.021	14.711						
11/21/2016 3:00:00 AM	450000.000	123.799	19.663	278.870	41728.574	46464.895	30.464	31.596
23.964	1.021	14.722						
11/21/2016 3:15:00 AM	450900.000	123.838	19.663	278.958	41747.441	46486.500	30.480	31.611
23.954	1.021	14.710						
11/21/2016 3:30:00 AM	451800.000	123.869	19.669	279.027	41748.078	46480.832	30.476	31.607
23.953	1.021	14.713						
11/21/2016 3:45:00 AM	452700.000	123.902	19.660	279.101	41735.227	46474.969	30.471	31.603
23.961	1.021	14.711						
11/21/2016 4:00:00 AM	453600.000	123.924	19.660	279.151	41712.840	46450.473	30.453	31.586
23.973	1.021	14.712						

23.946	1.021	14.718				
11/21/2016 4:45:00 AM	456300.000	123.980	19.672	279.276	41745.961	46475.906
23.954	1.021	14.718				30.472
11/21/2016 5:00:00 AM	457200.000	123.992	19.664	279.303	41721.301	46445.652
23.974	1.021	14.716				30.450
11/21/2016 5:15:00 AM	458100.000	123.994	19.655	279.308	41685.352	46425.105
23.989	1.021	14.725				30.434
11/21/2016 5:30:00 AM	459000.000	124.006	19.648	279.335	41741.973	46495.227
23.957	1.021	14.724				30.485
11/21/2016 5:45:00 AM	459900.000	124.010	19.647	279.345	41712.063	46462.605
23.974	1.021	14.722				30.462
11/21/2016 6:00:00 AM	460800.000	123.998	19.650	279.318	41714.336	46462.465
23.973	1.021	14.731				30.462
11/21/2016 6:15:00 AM	461700.000	123.997	19.653	279.316	41746.957	46495.188
23.954	1.021	14.730				30.486
11/21/2016 6:30:00 AM	462600.000	123.993	19.657	279.306	41764.098	46510.133
23.944	1.021	14.733				30.497
11/21/2016 6:45:00 AM	463500.000	123.975	19.665	279.266	41756.438	46494.457
23.948	1.021	14.738				30.486
11/21/2016 7:00:00 AM	464400.000	123.959	19.663	279.229	41713.152	46447.801
23.973	1.021	14.742				30.451
11/21/2016 7:15:00 AM	465300.000	123.933	19.663	279.172	41734.582	46471.500
23.961	1.021	14.746				30.469
11/21/2016 7:30:00 AM	466200.000	123.931	19.663	279.166	41703.543	46437.535
23.979	1.021	14.746				30.444
11/21/2016 7:45:00 AM	467100.000	123.907	19.658	279.114	41739.355	46482.148
23.958	1.021	14.745				30.476
11/21/2016 8:00:00 AM	468000.000	123.890	19.656	279.074	41725.242	46468.578
23.966	1.021	14.752				30.466
11/21/2016 8:15:00 AM	468900.000	123.869	19.656	279.026	41716.406	46458.738
23.971	1.021	14.755				30.459
11/21/2016 8:30:00 AM	469800.000	123.855	19.671	278.996	41744.254	46474.684
23.955	1.021	14.756				30.471
11/21/2016 8:45:00 AM	470700.000	123.831	19.669	278.941	41758.199	46491.672
23.947	1.021	14.758				30.484
11/21/2016 9:00:00 AM	471600.000	123.811	19.668	278.896	41712.152	46442.051
23.974	1.021	14.763				30.447
11/21/2016 9:15:00 AM	472500.000	123.797	19.666	278.865	41773.004	46511.180
23.939	1.021	14.756				30.498
11/21/2016 9:30:00 AM	473400.000	123.781	19.660	278.828	41710.891	46448.375
23.975	1.021	14.760				30.452
11/21/2016 9:45:00 AM	474300.000	123.769	19.655	278.801	41713.766	46456.063
23.973	1.021	14.764				30.457
11/21/2016 10:00:00 AM	475200.000	123.756	19.655	278.772	41749.996	46496.668
23.952	1.021	14.761				30.487
11/21/2016 10:15:00 AM	476100.000	123.742	19.651	278.742	41741.039	46491.004
23.957	1.021	14.764				30.483
11/21/2016 10:30:00 AM	477000.000	123.734	19.651	278.724	41719.520	46466.605
23.970	1.021	14.764				30.465
11/21/2016 10:45:00 AM	477900.000	123.721	19.655	278.695	41733.734	46478.742
23.961	1.021	14.766				30.474
11/21/2016 11:00:00 AM	478800.000	123.720	19.655	278.691	41742.699	46489.063
23.956	1.021	14.765				30.481
11/21/2016 11:15:00 AM	479700.000	123.718	19.651	278.687	41697.047	46442.004
23.983	1.021	14.764				30.447
11/21/2016 11:30:00 AM	480600.000	123.713	19.652	278.676	41745.391	46494.461
23.955	1.021	14.766				30.485
11/21/2016 11:45:00 AM	481500.000	123.723	19.656	278.699	41741.676	46486.719
23.957	1.021	14.761				30.480
11/21/2016 12:00:00 PM	482400.000	123.723	19.652	278.699	41732.367	46480.320
23.962	1.021	14.760				30.475
11/21/2016 12:15:00 PM	483300.000	123.735	19.660	278.725	41723.316	46462.477
23.967	1.021	14.759				30.462
11/21/2016 12:30:00 PM	484200.000	123.744	19.654	278.746	41772.000	46522.219
23.939	1.021	14.759				30.505
11/21/2016 12:45:00 PM	485100.000	123.754	19.654	278.769	41743.383	46490.766
23.956	1.021	14.762				30.482
11/21/2016 1:00:00 PM	486000.000	123.769	19.649	278.803	41729.453	46479.734
23.964	1.021	14.757				30.474
11/21/2016 1:15:00 PM	486900.000	123.784	19.654	278.836	41731.414	46476.836
23.963	1.021	14.758				30.472
11/21/2016 1:30:00 PM	487800.000	123.803	19.652	278.879	41692.531	46436.031
23.985	1.021	14.755				30.442
11/21/2016 1:45:00 PM	488700.000	123.813	19.649	278.900	41722.473	46471.879
23.968	1.021	14.759				30.468
11/21/2016 2:00:00 PM	489600.000	123.827	19.667	278.932	41701.059	46430.633
23.980	1.021	14.761				30.439
11/21/2016 2:15:00 PM	490500.000	123.849	19.669	278.982	41749.742	46482.605
23.952	1.021	14.756				30.477
11/21/2016 2:30:00 PM	491400.000	123.871	19.670	279.033	41743.930	46475.109
23.956	1.021	14.759				30.472
11/21/2016 2:45:00 PM	492300.000	123.879	19.671	279.049	41708.871	46435.633
23.976	1.021	14.759				30.443
11/21/2016 3:00:00 PM	493200.000	123.895	19.674	279.085	41760.398	46489.219
23.946	1.021	14.763				30.482
11/21/2016 3:15:00 PM	494100.000	123.918	19.675	279.137	41764.285	46493.207
23.944	1.021	14.760				30.485
11/21/2016 3:30:00 PM	495000.000	123.927	19.665	279.158	41724.527	46493.207
23.967	1.021	14.762				30.459
11/21/2016 3:45:00 PM	495900.000	123.935	19.669	279.177	41759.211	46493.406
23.947	1.021	14.769				30.485
11/21/2016 4:00:00 PM	496800.000	123.941	19.673	279.190	41748.543	46477.738
23.953	1.021	14.766				30.474
11/21/2016 4:15:00 PM	497700.000	123.951	19.670	279.212	41752.410	46485.055
23.951	1.021	14.766				30.479
11/21/2016 4:30:00 PM	498600.000	123.950	19.670	279.210	41740.430	46471.027
23.958	1.021	14.771				30.469
11/21/2016 4:45:00 PM	499500.000	123.959	19.669	279.230	41738.703	46469.969
23.959	1.021	14.765				30.468
11/21/2016 5:00:00 PM	500400.000	123.967	19.669	279.248	41746.133	46478.586
23.954	1.021	14.762				30.474
11/21/2016 5:15:00 PM	501300.000	123.951	19.659	279.211	41727.328	46467.203
23.965	1.021	14.768				30.465
11/21/2016 5:30:00 PM	502200.000	123.938	19.650	279.183	41715.660	46463.090
23.972	1.021	14.775				30.462
11/21/2016 5:45:00 PM	503100.000	123.925	19.647	279.153	41707.750	46457.535
23.976	1.021	14.775				30.458
11/21/2016 6:00:00 PM	504000.000	123.909	19.652	279.118	41724.992	46472.105
23.966	1.021	14.781				30.469
11/21/2016 6:15:00 PM	504900.000	123.894	19.647	279.083	41719.086	46470.090
23.970	1.021	14.783				30.467
11/21/2016 6:30:00 PM	505800.000	123.871	19.644	279.032	41739.313	46495.637
23.958	1.021	14.787				30.486
11/21/2016 6:45:00 PM	506700.000	123.844	19.658	278.970	41736.711	46478.867
23.960	1.021	14.786				30.474
11/21/2016 7:00:00 PM	507600.000	123.818	19.666	278.913	41738.742	46473.539
23.959	1.021	14.788				30.470
11/21/2016 7:15:00 PM	508500.000	123.792	19.659	278.853	41690.059	46425.965
23.987	1.021	14.789				30.435
11/21/2016 7:30:00 PM	509400.000	123.766	19.655	278.794	41739.711	46485.555
23.958	1.021	14.791				30.479
11/21/2016 7:45:00 PM	510300.000	123.725	19.662	278.702	41740.410	46479.016
23.958	1.021	14.799				30.474
11/21/2016 8:00:00 PM	511200.000	123.704	19.662	278.656	41706.559	46441.836
23.977	1.021	14.789				30.447
11/21/2016 8:15:00 PM	512100.000	123.668	19.661	278.575	41736.617	46476.258
23.960	1.021	14.799				30.472
11/21/2016 8:30:00 PM	513000.000	123.643	19.658	278.517	41762.219	46507.785
23.945	1.021	14.798				30.495
11/21/2016 8:45:00 PM	513900.000	123.608	19.663	278.439	41747.246	46486.199
23.954	1.021	14.807				30.480
11/21/2016 9:00:00 PM	514800.000	123.584	19.668	278.384	41733.012	46465.008
23.962	1.021	14.805				30.464

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11/21/2016 9:15:00 PM	515700.000	123.559	19.673	278.328	41727.324	46453.777	30.456	31.589
23.965	1.021	14.804						
11/21/2016 9:30:00 PM	516600.000	123.520	19.675	278.242	41746.145	46472.492	30.470	31.601
23.954	1.021	14.810						
11/21/2016 9:45:00 PM	517500.000	123.501	19.671	278.199	41715.344	46442.242	30.448	31.581
23.972	1.021	14.810						
11/21/2016 10:00:00 PM	518400.000	123.478	19.665	278.147	41724.035	46457.594	30.459	31.591
23.967	1.021	14.809						
11/21/2016 10:15:00 PM	519300.000	123.461	19.668	278.109	41711.293	46441.176	30.447	31.580
23.974	1.021	14.817						
11/21/2016 10:30:00 PM	520200.000	123.452	19.665	278.088	41741.574	46477.387	30.473	31.605
23.957	1.021	14.809						
11/21/2016 10:45:00 PM	521100.000	123.432	19.671	278.043	41755.918	46488.102	30.481	31.612
23.949	1.021	14.818						
11/21/2016 11:00:00 PM	522000.000	123.427	19.670	278.031	41698.578	46425.039	30.435	31.569
23.982	1.021	14.812						
11/21/2016 11:15:00 PM	522900.000	123.432	19.676	278.043	41702.910	46423.578	30.434	31.568
23.979	1.021	14.811						
11/21/2016 11:30:00 PM	523800.000	123.428	19.669	278.034	41732.215	46463.348	30.463	31.595
23.962	1.021	14.814						
11/21/2016 11:45:00 PM	524700.000	123.428	19.666	278.034	41726.410	46459.641	30.460	31.593
23.966	1.021	14.809						
11/22/2016 12:00:00 AM	525600.000	123.438	19.668	278.056	41744.648	46477.535	30.473	31.605
23.955	1.021	14.809						
11/22/2016 12:15:00 AM	526500.000	123.439	19.660	278.057	41721.191	46460.211	30.460	31.593
23.969	1.021	14.815						
11/22/2016 12:30:00 AM	527400.000	123.452	19.666	278.087	41701.785	46432.301	30.440	31.574
23.980	1.021	14.819						
11/22/2016 12:45:00 AM	528300.000	123.473	19.666	278.135	41704.305	46434.855	30.442	31.576
23.978	1.021	14.815						
11/22/2016 1:00:00 AM	529200.000	123.485	19.666	278.185	41777.152	46516.055	30.501	31.631
23.937	1.021	14.812						
11/22/2016 1:15:00 AM	530100.000	123.518	19.663	278.236	41732.988	46469.887	30.468	31.600
23.962	1.021	14.810						
11/22/2016 1:30:00 AM	531000.000	123.553	19.660	278.315	41725.305	46464.426	30.463	31.596
23.966	1.021	14.800						
11/22/2016 1:45:00 AM	531900.000	123.581	19.653	278.377	41702.203	46445.340	30.449	31.583
23.980	1.021	14.809						
11/22/2016 2:00:00 AM	532800.000	123.602	19.661	278.425	41716.180	46452.887	30.455	31.588
23.972	1.021	14.819						
11/22/2016 2:15:00 AM	533700.000	123.637	19.656	278.504	41745.332	46490.871	30.483	31.614
23.955	1.021	14.816						
11/22/2016 2:30:00 AM	534600.000	123.684	19.652	278.610	41741.633	46490.375	30.482	31.613
23.957	1.021	14.808						
11/22/2016 2:45:00 AM	535500.000	123.710	19.653	278.669	41752.863	46502.441	30.491	31.622
23.980	1.021	14.817						
11/22/2016 3:00:00 AM	536400.000	123.746	19.656	278.749	41732.344	46475.887	30.472	31.604
23.962	1.021	14.817						
11/22/2016 3:15:00 AM	537300.000	123.793	19.664	278.857	41745.074	46482.922	30.477	31.608
23.955	1.021	14.809						
11/22/2016 3:30:00 AM	538200.000	123.822	19.658	278.921	41743.785	46486.477	30.480	31.611
23.956	1.021	14.810						
11/22/2016 3:45:00 AM	539100.000	123.861	19.649	279.009	41735.141	46486.668	30.479	31.611
23.961	1.021	14.812						
11/22/2016 4:00:00 AM	540000.000	123.860	19.648	279.006	41699.754	46447.430	30.451	31.584
23.981	1.021	14.814						
11/22/2016 4:15:00 AM	540900.000	123.920	19.654	279.143	41715.359	46458.781	30.459	31.592
23.972	1.021	14.814						
11/22/2016 4:30:00 AM	541800.000	123.951	19.655	279.211	41742.051	46488.078	30.481	31.612
23.957	1.021	14.813						
11/22/2016 4:45:00 AM	542700.000	123.979	19.649	279.275	41722.387	46471.527	30.468	31.601
23.968	1.021	14.814						
11/22/2016 5:00:00 AM	543600.000	123.993	19.653	279.307	41741.316	46489.242	30.481	31.613
23.957	1.021	14.814						
11/22/2016 5:15:00 AM	544500.000	124.015	19.655	279.357	41707.508	46449.953	30.453	31.586
23.976	1.021	14.820						
11/22/2016 5:30:00 AM	545400.000	124.033	19.660	279.396	41733.281	46473.402	30.470	31.602
23.962	1.021	14.815						
11/22/2016 5:45:00 AM	546300.000	124.044	19.657	279.421	41744.262	46488.043	30.481	31.612
23.955	1.021	14.817						
11/22/2016 6:00:00 AM	547200.000	124.048	19.664	279.429	41735.059	46470.992	30.468	31.600
23.961	1.021	14.822						
11/22/2016 6:15:00 AM	548100.000	124.058	19.667	279.452	41724.797	46457.160	30.458	31.591
23.967	1.021	14.816						
11/22/2016 6:30:00 AM	549000.000	124.054	19.668	279.445	41722.508	46453.496	30.456	31.588
23.968	1.021	14.824						
11/22/2016 6:45:00 AM	549900.000	124.055	19.668	279.445	41705.836	46434.672	30.442	31.576
23.977	1.021	14.818						
11/22/2016 7:00:00 AM	550800.000	124.045	19.667	279.423	41766.266	46502.727	30.492	31.622
23.943	1.021	14.822						
11/22/2016 7:15:00 AM	551700.000	124.030	19.663	279.391	41724.590	46460.535	30.461	31.593
23.967	1.021	14.826						
11/22/2016 7:30:00 AM	552600.000	124.023	19.655	279.374	41717.496	46460.996	30.461	31.593
23.971	1.021	14.829						
11/22/2016 7:45:00 AM	553500.000	124.003	19.655	279.330	41722.863	46466.543	30.465	31.597
23.968	1.021	14.830						
11/22/2016 8:00:00 AM	554400.000	123.993	19.665	279.306	41734.523	46469.535	30.467	31.599
23.961	1.021	14.830						
11/22/2016 8:15:00 AM	555300.000	123.972	19.669	279.259	41757.594	46491.699	30.484	31.614
23.948	1.021	14.829						
11/22/2016 8:30:00 AM	556200.000	123.947	19.669	279.203	41735.133	46466.512	30.465	31.597
23.961	1.021	14.834						
11/22/2016 8:45:00 AM	557100.000	123.923	19.662	279.149	41728.867	46466.508	30.465	31.597
23.964	1.021	14.837						
11/22/2016 9:00:00 AM	558000.000	123.901	19.661	279.100	41724.480	46462.313	30.462	31.594
23.967	1.021	14.836						
11/22/2016 9:15:00 AM	558900.000	123.881	19.663	279.054	41755.836	46495.848	30.487	31.617
23.949	1.021	14.838						
11/22/2016 9:30:00 AM	559800.000	123.861	19.666	279.009	41711.719	46443.715	30.449	31.582
23.974	1.021	14.829						
11/22/2016 9:45:00 AM	560700.000	123.829	19.670	278.937	41758.621	46491.719	30.484	31.614
23.947	1.021	14.833						
11/22/2016 10:00:00 AM	561600.000	123.805	19.669	278.883	41742.059	46473.793	30.471	31.602
23.957	1.021	14.838						
11/22/2016 10:15:00 AM	562500.000	123.782	19.668	278.830	41765.723	46501.000	30.491	31.621
23.943	1.021	14.836						
11/22/2016 10:30:00 AM	563400.000	123.760	19.668	278.780	41752.473	46486.504	30.480	31.611
23.951	1.021	14.835						
11/22/2016 10:45:00 AM	564300.000	123.747	19.656	278.752	41723.855	46467.219	30.465	31.598
23.967	1.021	14.830						
11/22/2016 11:00:00 AM	565200.000	123.727	19.653	278.707	41731.953	46478.988	30.474	31.606
23.962	1.021	14.826						
11/22/2016 11:15:00 AM	566100.000	123.714	19.650	278.678	41713.402	46461.172	30.461	31.594
23.973	1.021	14.829						
11/22/2016 11:30:00 AM	567000.000	123.704	19.648	278.656	41724.602	46475.711	30.471	31.603
23.967	1.021	14.819						
11/22/2016 11:45:00 AM	567900.000	123.685	19.647	278.634	41747.332	46501.551	30.490	31.621
23.954	1.021	14.817						
11/22/2016 12:00:00 PM	568800.000	123.682	19.651	278.606	41704.676	46450.336	30.453	31.586
23.978	1.021	14.814						
11/22/2016 12:15:00 PM	569700.000	123.676	19.658	278.593	41726.840	46467.609	30.466	31.598
23.965	1.021	14.807						
11/22/2016 12:30:00 PM	570600.000	123.667	19.663	278.572	41724.082	46459.809	30.460	31.593
23.967	1.021	14.810						
11/22/2016 12:45:00 PM	571500.000	123.667	19.666	278.573	41705.785	46436.242	30.443	31.577
23.977	1.021	14.811						
11/22/2016 1:00:00 PM	572400.000	123.668	19.673	278.575	41731.082	46457.617	30.459	31.591
23.963	1.021	14.810						
11/22/2016 1:15:00 PM	573300.000	123.679	19.667	278.600	41714.750	46445.801	30.450	31.583
23.972	1.021	14.808						
11/22/2016 1:30:00 PM	574200.000	123.690	19.667	278.623	41716.469	46447.887	30.452	31.585
23.971								

23.962	1.021	14.802					
11/22/2016 2:00:00 PM	576000.000	123.719	19.657	278.688	41701.633	46441.172	31.580
23.980	1.021	14.800					
11/22/2016 2:15:00 PM	576900.000	123.735	19.667	278.726	41727.316	46459.617	31.593
23.965	1.021	14.803					
11/22/2016 2:30:00 PM	577800.000	123.743	19.674	278.743	41739.141	46465.805	31.597
23.958	1.021	14.809					
11/22/2016 2:45:00 PM	578700.000	123.758	19.673	278.776	41743.813	46472.219	31.601
23.956	1.021	14.808					
11/22/2016 3:00:00 PM	579600.000	123.788	19.668	278.845	41739.129	46471.738	31.601
23.958	1.021	14.801					
11/22/2016 3:15:00 PM	580500.000	123.800	19.669	278.872	41724.402	46454.746	31.589
23.967	1.021	14.809					
11/22/2016 3:30:00 PM	581400.000	123.818	19.670	278.913	41720.086	46448.563	31.585
23.969	1.021	14.811					
11/22/2016 3:45:00 PM	582300.000	123.841	19.669	278.965	41730.691	46461.906	31.594
23.963	1.021	14.805					
11/22/2016 4:00:00 PM	583200.000	123.858	19.660	279.002	41731.113	46470.988	31.600
23.963	1.021	14.807					
11/22/2016 4:15:00 PM	584100.000	123.875	19.659	279.040	41704.219	46442.328	31.581
23.978	1.021	14.809					
11/22/2016 4:30:00 PM	585000.000	123.890	19.669	279.075	41702.500	46430.180	31.573
23.979	1.021	14.809					
11/22/2016 4:45:00 PM	585900.000	123.898	19.674	279.093	41762.527	46492.184	31.615
23.945	1.021	14.813					
11/22/2016 5:00:00 PM	586800.000	123.921	19.668	279.144	41719.832	46449.906	31.586
23.969	1.021	14.809					
11/22/2016 5:15:00 PM	587700.000	123.928	19.665	279.160	41738.633	46474.027	31.602
23.959	1.021	14.812					
11/22/2016 5:30:00 PM	588600.000	123.932	19.667	279.169	41715.906	46447.262	31.584
23.972	1.021	14.809					
11/22/2016 5:45:00 PM	589500.000	123.939	19.659	279.186	41727.145	46467.434	31.598
23.965	1.021	14.811					
11/22/2016 6:00:00 PM	590400.000	123.931	19.668	279.166	41744.852	46477.762	31.605
23.955	1.021	14.814					
11/22/2016 6:15:00 PM	591300.000	123.937	19.667	279.180	41739.848	46473.746	31.602
23.958	1.021	14.813					
11/22/2016 6:30:00 PM	592200.000	123.927	19.669	279.158	41752.488	46485.836	31.610
23.951	1.021	14.814					
11/22/2016 6:45:00 PM	593100.000	123.924	19.666	279.151	41708.961	46439.875	31.579
23.976	1.021	14.807					
11/22/2016 7:00:00 PM	594000.000	123.913	19.671	279.125	41702.063	46427.375	31.571
23.980	1.021	14.809					
11/22/2016 7:15:00 PM	594900.000	123.888	19.670	279.069	41735.402	46465.613	31.597
23.960	1.021	14.813					
11/22/2016 7:30:00 PM	595800.000	123.866	19.669	279.021	41722.227	46452.227	31.588
23.968	1.021	14.816					
11/22/2016 7:45:00 PM	596700.000	123.857	19.662	279.000	41711.098	46446.293	31.583
23.974	1.021	14.810					
11/22/2016 8:00:00 PM	597600.000	123.829	19.664	278.937	41734.574	46470.371	31.600
23.961	1.021	14.814					
11/22/2016 8:15:00 PM	598500.000	123.800	19.663	278.872	41758.227	46498.352	31.619
23.947	1.021	14.814					
11/22/2016 8:30:00 PM	599400.000	123.784	19.667	278.836	41735.684	46468.844	31.599
23.960	1.021	14.808					
11/22/2016 8:45:00 PM	600300.000	123.754	19.671	278.767	41765.551	46498.395	31.619
23.943	1.021	14.813					
11/22/2016 9:00:00 PM	601200.000	123.729	19.670	278.712	41748.180	46480.180	31.607
23.953	1.021	14.807					
11/22/2016 9:15:00 PM	602100.000	123.704	19.666	278.655	41736.672	46471.324	31.601
23.960	1.021	14.812					
11/22/2016 9:30:00 PM	603000.000	123.679	19.667	278.599	41778.410	46517.023	31.632
23.936	1.021	14.809					
11/22/2016 9:45:00 PM	603900.000	123.658	19.659	278.551	41717.109	46455.906	31.590
23.971	1.021	14.807					
11/22/2016 10:00:00 PM	604800.000	123.631	19.655	278.491	41710.250	46452.660	31.588
23.975	1.021	14.809					
11/22/2016 10:15:00 PM	605700.000	123.599	19.658	278.419	41730.652	46472.805	31.602
23.963	1.021	14.815					
11/22/2016 10:30:00 PM	606600.000	123.581	19.656	278.377	41726.902	46469.918	31.600
23.965	1.021	14.811					
11/22/2016 10:45:00 PM	607500.000	123.553	19.658	278.316	41726.266	46467.746	31.598
23.966	1.021	14.814					
11/22/2016 11:00:00 PM	608400.000	123.533	19.661	278.270	41721.105	46459.074	31.592
23.969	1.021	14.816					
11/22/2016 11:15:00 PM	609300.000	123.521	19.659	278.243	41729.137	46469.910	31.600
23.964	1.021	14.814					
11/22/2016 11:30:00 PM	610200.000	123.513	19.660	278.224	41731.285	46471.012	31.600
23.963	1.021	14.810					
11/22/2016 11:45:00 PM	611100.000	123.511	19.658	278.221	41762.586	46507.844	31.625
23.945	1.021	14.807					
11/23/2016 12:00:00 AM	612000.000	123.499	19.657	278.194	41723.625	46465.242	31.596
23.967	1.021	14.808					
11/23/2016 12:15:00 AM	612900.000	123.490	19.653	278.172	41755.707	46505.270	31.624
23.949	1.021	14.818					
11/23/2016 12:30:00 AM	613800.000	123.494	19.654	278.181	41701.070	46443.305	31.581
23.980	1.021	14.812					
11/23/2016 12:45:00 AM	614700.000	123.508	19.655	278.213	41713.195	46455.684	31.590
23.973	1.021	14.805					
11/23/2016 1:00:00 AM	615600.000	123.516	19.650	278.232	41721.617	46469.809	31.599
23.968	1.021	14.801					
11/23/2016 1:15:00 AM	616500.000	123.526	19.654	278.254	41763.520	46513.113	31.629
23.944	1.021	14.804					
11/23/2016 1:30:00 AM	617400.000	123.544	19.650	278.295	41740.465	46490.801	31.614
23.958	1.021	14.803					
11/23/2016 1:45:00 AM	618300.000	123.562	19.655	278.336	41741.234	46487.250	31.611
23.957	1.021	14.810					
11/23/2016 2:00:00 AM	619200.000	123.587	19.654	278.391	41722.672	46467.621	31.598
23.968	1.021	14.809					
11/23/2016 2:15:00 AM	620100.000	123.609	19.648	278.442	41741.531	46494.047	31.616
23.957	1.021	14.818					
11/23/2016 2:30:00 AM	621000.000	123.641	19.645	278.513	41704.152	46456.035	31.590
23.978	1.021	14.818					
11/23/2016 2:45:00 AM	621900.000	123.677	19.649	278.596	41725.637	46475.574	31.603
23.966	1.021	14.812					
11/23/2016 3:00:00 AM	622800.000	123.697	19.647	278.640	41722.035	46473.879	31.602
23.968	1.021	14.814					
11/23/2016 3:15:00 AM	623700.000	123.739	19.647	278.734	41744.191	46498.129	31.619
23.955	1.021	14.814					
11/23/2016 3:30:00 AM	624600.000	123.765	19.648	278.794	41712.547	46462.285	31.594
23.974	1.021	14.827					
11/23/2016 3:45:00 AM	625500.000	123.801	19.647	278.874	41730.758	46482.996	31.608
23.963	1.021	14.831					
11/23/2016 4:00:00 AM	626400.000	123.827	19.651	278.932	41748.723	46499.645	31.620
23.953	1.021	14.837					
11/23/2016 4:15:00 AM	627300.000	123.857	19.651	279.001	41730.750	46479.797	31.606
23.963	1.021	14.839					
11/23/2016 4:30:00 AM	628200.000	123.894	19.645	279.083	41726.688	46481.137	31.607
23.965	1.021	14.846					
11/23/2016 4:45:00 AM	629100.000	123.922	19.652	279.147	41729.441	46477.309	31.605
23.964	1.021	14.845					
11/23/2016 5:00:00 AM	630000.000	123.948	19.655	279.205	41750.836	46497.859	31.619
23.952	1.021	14.842					
11/23/2016 5:15:00 AM	630900.000	123.973	19.667	279.261	41711.215	46442.203	31.581
23.974	1.021	14.852					
11/23/2016 5:30:00 AM	631800.000	123.999	19.654	279.319	41702.359	46444.816	31.582
23.979	1.021	14.851					
11/23/2016 5:45:00 AM	632700.000	124.022	19.659	279.372	41728.301	46468.551	31.599
23.965	1.021	14.853					
11/23/2016 6:00:00 AM	633600.000	124.029	19.666	279.387	41720.465	46453.277	31.588
23.969	1.021	14.863					
11/23/2016 6:15:00 AM	634500.000	124.046	19.669	279.426	41734.910	46466.445	31.597
23.961	1.021	14.859					

11/23/2016 6:30:00 AM	635400.000	124.064	19.664	279.465	41729.816	46465.840	30.465	31.597
23.964	1.021	14.853						
11/23/2016 6:45:00 AM	636300.000	124.056	19.663	279.448	41746.320	46484.656	30.478	31.610
23.954	1.021	14.865						
11/23/2016 7:00:00 AM	637200.000	124.062	19.668	279.462	41750.949	46485.328	30.479	31.610
23.952	1.021	14.866						
11/23/2016 7:15:00 AM	638100.000	124.065	19.667	279.469	41746.398	46480.863	30.476	31.607
23.954	1.021	14.867						
11/23/2016 7:30:00 AM	639000.000	124.057	19.668	279.450	41761.531	46496.762	30.487	31.618
23.945	1.021	14.872						
11/23/2016 7:45:00 AM	639900.000	124.052	19.667	279.439	41712.438	46443.051	30.448	31.581
23.974	1.021	14.872						
11/23/2016 8:00:00 AM	640800.000	124.031	19.670	279.392	41762.645	46496.102	30.487	31.617
23.945	1.021	14.877						
11/23/2016 8:15:00 AM	641700.000	124.017	19.666	279.361	41744.250	46479.332	30.475	31.606
23.955	1.021	14.884						
11/23/2016 8:30:00 AM	642600.000	124.011	19.669	279.324	41746.676	46479.449	30.475	31.606
23.954	1.021	14.878						
11/23/2016 8:45:00 AM	643500.000	123.976	19.666	279.268	41776.363	46515.262	30.501	31.630
23.937	1.021	14.886						
11/23/2016 9:00:00 AM	644400.000	123.960	19.666	279.231	41722.531	46455.238	30.457	31.590
23.968	1.021	14.887						
11/23/2016 9:15:00 AM	645300.000	123.931	19.665	279.166	41737.105	46472.750	30.470	31.601
23.959	1.021	14.892						
11/23/2016 9:30:00 AM	646200.000	123.901	19.668	279.099	41767.254	46503.219	30.492	31.622
23.942	1.021	14.893						
11/23/2016 9:45:00 AM	647100.000	123.880	19.665	279.052	41726.641	46460.586	30.461	31.593
23.966	1.021	14.888						
11/23/2016 10:00:00 AM	648000.000	123.848	19.668	278.980	41732.203	46464.375	30.464	31.596
23.962	1.021	14.894						
11/23/2016 10:15:00 AM	648900.000	123.808	19.663	278.890	41723.172	46459.473	30.460	31.592
23.967	1.021	14.905						
11/23/2016 10:30:00 AM	649800.000	123.781	19.670	278.830	41751.879	46483.691	30.478	31.609
23.951	1.021	14.900						
11/23/2016 10:45:00 AM	650700.000	123.752	19.670	278.764	41739.875	46471.016	30.469	31.600
23.958	1.021	14.901						
11/23/2016 11:00:00 AM	651600.000	123.729	19.661	278.712	41716.625	46453.480	30.456	31.588
23.971	1.021	14.897						
11/23/2016 11:15:00 AM	652500.000	123.704	19.658	278.656	41717.492	46457.801	30.459	31.591
23.971	1.021	14.896						
11/23/2016 11:30:00 AM	653400.000	123.683	19.650	278.607	41714.578	46461.969	30.461	31.594
23.972	1.021	14.891						
11/23/2016 11:45:00 AM	654300.000	123.651	19.657	278.537	41729.508	46472.391	30.469	31.601
23.964	1.021	14.891						
11/23/2016 12:00:00 PM	655200.000	123.630	19.669	278.489	41750.258	46483.262	30.478	31.609
23.952	1.021	14.890						
11/23/2016 12:15:00 PM	656100.000	123.612	19.667	278.447	41725.773	46457.645	30.459	31.591
23.966	1.021	14.886						
11/23/2016 12:30:00 PM	657000.000	123.597	19.666	278.413	41736.598	46470.813	30.468	31.600
23.960	1.021	14.883						
11/23/2016 12:45:00 PM	657900.000	123.591	19.665	278.402	41726.785	46461.176	30.461	31.594
23.965	1.021	14.878						
11/23/2016 1:00:00 PM	658800.000	123.584	19.669	278.384	41728.316	46459.180	30.460	31.592
23.965	1.021	14.873						
11/23/2016 1:15:00 PM	659700.000	123.571	19.668	278.356	41733.973	46466.344	30.465	31.597
23.961	1.021	14.876						
11/23/2016 1:30:00 PM	660600.000	123.572	19.666	278.359	41739.352	46474.570	30.471	31.603
23.958	1.021	14.871						
11/23/2016 1:45:00 PM	661500.000	123.575	19.664	278.364	41743.070	46480.004	30.475	31.606
23.956	1.021	14.873						
11/23/2016 2:00:00 PM	662400.000	123.574	19.663	278.363	41713.109	46448.270	30.452	31.585
23.973	1.021	14.877						
11/23/2016 2:15:00 PM	663300.000	123.584	19.659	278.384	41731.727	46472.703	30.469	31.601
23.963	1.021	14.879						
11/23/2016 2:30:00 PM	664200.000	123.591	19.659	278.401	41745.875	46488.211	30.481	31.612
23.954	1.021	14.874						
11/23/2016 2:45:00 PM	665100.000	123.610	19.656	278.444	41729.598	46473.008	30.470	31.602
23.964	1.021	14.870						
11/23/2016 3:00:00 PM	666000.000	123.626	19.655	278.479	41739.914	46485.359	30.479	31.610
23.958	1.021	14.872						
11/23/2016 3:15:00 PM	666900.000	123.641	19.668	278.513	41787.949	46525.918	30.509	31.638
23.930	1.021	14.874						
11/23/2016 3:30:00 PM	667800.000	123.668	19.658	278.575	41723.457	46464.105	30.463	31.596
23.967	1.021	14.875						
11/23/2016 3:45:00 PM	668700.000	123.680	19.656	278.623	41756.453	46502.660	30.491	31.622
23.948	1.021	14.872						
11/23/2016 4:00:00 PM	669600.000	123.707	19.657	278.663	41741.371	46485.004	30.478	31.610
23.957	1.021	14.871						
11/23/2016 4:15:00 PM	670500.000	123.729	19.659	278.711	41742.391	46483.977	30.478	31.609
23.956	1.021	14.874						
11/23/2016 4:30:00 PM	671400.000	123.755	19.661	278.771	41746.398	46487.238	30.480	31.611
23.954	1.021	14.874						
11/23/2016 4:45:00 PM	672300.000	123.781	19.654	278.830	41733.801	46479.676	30.474	31.606
23.961	1.021	14.866						
11/23/2016 5:00:00 PM	673200.000	123.798	19.649	278.868	41706.031	46453.902	30.455	31.589
23.977	1.021	14.875						
11/23/2016 5:15:00 PM	674100.000	123.818	19.655	278.911	41716.402	46459.859	30.460	31.593
23.971	1.021	14.877						
11/23/2016 5:30:00 PM	675000.000	123.837	19.651	278.956	41733.215	46481.773	30.476	31.608
23.962	1.021	14.877						
11/23/2016 5:45:00 PM	675900.000	123.853	19.653	278.990	41707.816	46451.414	30.454	31.587
23.976	1.021	14.879						
11/23/2016 6:00:00 PM	676800.000	123.858	19.655	279.002	41735.391	46481.008	30.475	31.607
23.960	1.021	14.882						
11/23/2016 6:15:00 PM	677700.000	123.885	19.651	279.063	41704.848	46450.527	30.453	31.586
23.978	1.021	14.881						
11/23/2016 6:30:00 PM	678600.000	123.876	19.655	279.043	41713.051	46455.617	30.457	31.590
23.973	1.021	14.888						
11/23/2016 6:45:00 PM	679500.000	123.894	19.650	279.084	41733.734	46483.223	30.477	31.609
23.961	1.021	14.886						
11/23/2016 7:00:00 PM	680400.000	123.899	19.651	279.094	41741.691	46491.125	30.483	31.614
23.957	1.021	14.889						
11/23/2016 7:15:00 PM	681300.000	123.893	19.650	279.081	41733.242	46482.914	30.477	31.608
23.962	1.021	14.886						
11/23/2016 7:30:00 PM	682200.000	123.888	19.658	279.071	41757.816	46502.188	30.491	31.621
23.948	1.021	14.891						
11/23/2016 7:45:00 PM	683100.000	123.874	19.666	279.038	41728.281	46461.727	30.462	31.594
23.965	1.021	14.892						
11/23/2016 8:00:00 PM	684000.000	123.868	19.669	279.025	41737.797	46469.820	30.468	31.599
23.959	1.021	14.891						
11/23/2016 8:15:00 PM	684900.000	123.848	19.669	278.979	41716.215	46445.789	30.450	31.583
23.971	1.021	14.896						
11/23/2016 8:30:00 PM	685800.000	123.833	19.657	278.947	41736.137	46479.176	30.474	31.606
23.960	1.021	14.891						
11/23/2016 8:45:00 PM	686700.000	123.822	19.659	278.921	41748.250	46491.105	30.483	31.614
23.953	1.021	14.895						
11/23/2016 9:00:00 PM	687600.000	123.803	19.657	278.879	41729.566	46472.539	30.469	31.601
23.964	1.021	14.892						
11/23/2016 9:15:00 PM	688500.000	123.778	19.655	278.823	41745.953	46492.773	30.484	31.615
23.954	1.021	14.893						
11/23/2016 9:30:00 PM	689400.000	123.752	19.661	278.764	41752.688	46493.641	30.485	31.616
23.951	1.021	14.898						
11/23/2016 9:45:00 PM	690300.000	123.733	19.666	278.720	41754.117	46490.492	30.483	31.614
23.950	1.021	14.899						
11/23/2016 10:00:00 PM	691200.000	123.711	19.671	278.672	41756.375	46488.441	30.482	31.612
23.948	1.021	14.896						
11/23/2016 10:15:00 PM	692100.000	123.690	19.672	278.625	41723.426	46450.820	30.454	31.587
23.967	1.021	14.903						
11/23/2016 10:30:00 PM	693000.000	123.653	19.669	278.540	41731.441	46462.313	30.462	31.594
23.963	1.021	14.900					</	

23.959	1.021	14.905						
11/23/2016 11:15:00 PM	695700.000	123.579	19.670	278.374	41728.688	46457.875	30.459	31.591
23.964	1.021	14.907						
11/23/2016 11:30:00 PM	696600.000	123.561	19.664	278.334	41759.738	46498.992	30.489	31.619
23.947	1.021	14.904						
11/23/2016 11:45:00 PM	697500.000	123.548	19.661	278.303	41765.625	46508.047	30.495	31.625
23.943	1.021	14.906						

Report Date: 11/28/2016 8:33:03 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-3M Pre Test_2016-11-24_15-10-17-458.wsl
Create Date: 11/24/2016 3:10:03 PM

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	

Log Data:

Record Count: 836

Sensors: 1

1 - 395601: 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#: 395601		SN#: 395601
SN#: 395601	SN#: 395601		SN#: 395601
SN#: 395601	SN#: 395601		SN#: 395601

SN#: 395601

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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11/17/2016 12:00:00 AM	93600.000		65.256	
17.069	146.996		34330.277	
40458.984	26.012		27.512	
29.129	1.019			
11/17/2016 12:15:00 AM	94500.000		65.269	
17.069	147.024		34344.906	
40476.711	26.024		27.524	
29.116	1.019			
11/17/2016 12:30:00 AM	95400.000		65.268	
17.069	147.024		34357.551	
40490.887	26.034		27.534	
29.106	1.019			
11/17/2016 12:45:00 AM	96300.000		65.276	
17.069	147.040		34333.496	
40463.020	26.015		27.515	
29.126	1.019			
11/17/2016 1:00:00 AM	97200.000		65.278	
17.069	147.046		34362.078	
40496.949	26.039		27.538	
29.102	1.019			
11/17/2016 1:15:00 AM	98100.000		65.278	
17.069	147.044		34344.422	
40476.223	26.024		27.524	
29.117	1.019			
11/17/2016 1:30:00 AM	99000.000		65.286	
17.069	147.063		34347.215	
40479.188	26.026		27.526	
29.114	1.019			
11/17/2016 1:45:00 AM	99900.000		65.284	
17.069	147.058		34350.773	
40483.223	26.029		27.529	
29.111	1.019			
11/17/2016 2:00:00 AM	100800.000		65.284	
17.069	147.058		34341.965	
40472.520	26.021		27.521	
29.119	1.019			
11/17/2016 2:15:00 AM	101700.000		65.286	
17.070	147.062		34348.359	
40479.578	26.026		27.526	
29.113	1.019			
11/17/2016 2:30:00 AM	102600.000		65.285	
17.069	147.061		34337.789	
40467.523	26.018		27.518	
29.122	1.019			
11/17/2016 2:45:00 AM	103500.000		65.286	
17.069	147.063		34359.828	
40493.496	26.036		27.536	
29.104	1.019			

11/17/2016 3:00:00 AM	104400.000	65.285
17.069	147.060	34357.129
40490.629	26.034	27.534
29.106	1.019	
11/17/2016 3:15:00 AM	105300.000	65.286
17.069	147.063	34374.484
40511.254	26.049	27.548
29.091	1.019	
11/17/2016 3:30:00 AM	106200.000	65.281
17.069	147.051	34336.223
40465.676	26.017	27.517
29.124	1.019	
11/17/2016 3:45:00 AM	107100.000	65.283
17.069	147.055	34354.203
40487.027	26.032	27.531
29.109	1.019	
11/17/2016 4:00:00 AM	108000.000	65.283
17.069	147.055	34352.027
40484.789	26.030	27.530
29.110	1.019	
11/17/2016 4:15:00 AM	108900.000	65.280
17.070	147.049	34357.215
40490.258	26.034	27.533
29.106	1.019	
11/17/2016 4:30:00 AM	109800.000	65.281
17.069	147.051	34351.527
40483.949	26.030	27.529
29.111	1.019	
11/17/2016 4:45:00 AM	110700.000	65.279
17.069	147.047	34382.586
40520.477	26.056	27.554
29.084	1.019	
11/17/2016 5:00:00 AM	111600.000	65.279
17.069	147.048	34364.844
40499.566	26.041	27.540
29.100	1.019	
11/17/2016 5:15:00 AM	112500.000	65.271
17.069	147.029	34352.410
40485.309	26.030	27.530
29.110	1.019	
11/17/2016 5:30:00 AM	113400.000	65.274
17.069	147.037	34372.445
40508.367	26.047	27.546
29.093	1.019	
11/17/2016 5:45:00 AM	114300.000	65.272
17.070	147.031	34364.723
40498.457	26.040	27.539
29.100	1.019	
11/17/2016 6:00:00 AM	115200.000	65.273
17.070	147.033	34361.645
40495.551	26.038	27.537
29.102	1.019	
11/17/2016 6:15:00 AM	116100.000	65.273
17.069	147.033	34346.555
40478.250	26.025	27.525
29.115	1.019	
11/17/2016 6:30:00 AM	117000.000	65.272

17.070	147.032	34365.945
40500.301	26.041	27.540
29.099	1.019	
11/17/2016 6:45:00 AM	117900.000	65.276
17.069	147.041	34340.586
40471.215	26.020	27.520
29.120	1.019	
11/17/2016 7:00:00 AM	118800.000	65.268
17.069	147.024	34363.031
40497.344	26.039	27.538
29.101	1.019	
11/17/2016 7:15:00 AM	119700.000	65.273
17.069	147.034	34343.906
40474.805	26.023	27.523
29.117	1.019	
11/17/2016 7:30:00 AM	120600.000	65.271
17.069	147.030	34354.445
40487.391	26.032	27.531
29.108	1.019	
11/17/2016 7:45:00 AM	121500.000	65.280
17.070	147.049	34344.207
40475.000	26.023	27.523
29.117	1.019	
11/17/2016 8:00:00 AM	122400.000	65.280
17.070	147.050	34356.770
40489.805	26.034	27.533
29.106	1.019	
11/17/2016 8:15:00 AM	123300.000	65.301
17.069	147.098	34375.789
40512.379	26.050	27.548
29.090	1.019	
11/17/2016 8:30:00 AM	124200.000	65.286
17.069	147.062	34345.238
40476.461	26.024	27.524
29.116	1.019	
11/17/2016 8:45:00 AM	125100.000	65.296
17.069	147.085	34353.035
40485.648	26.031	27.530
29.110	1.019	
11/17/2016 9:00:00 AM	126000.000	65.299
17.069	147.093	34352.559
40485.574	26.031	27.530
29.110	1.019	
11/17/2016 9:15:00 AM	126900.000	65.306
17.070	147.108	34344.398
40474.910	26.023	27.523
29.117	1.019	
11/17/2016 9:30:00 AM	127800.000	65.312
17.070	147.122	34375.180
40511.504	26.049	27.548
29.091	1.019	
11/17/2016 9:45:00 AM	128700.000	65.317
17.069	147.134	34351.035
40483.293	26.029	27.529
29.111	1.019	
11/17/2016 10:00:00 AM	129600.000	65.323
17.069	147.145	34361.840

40495.867	26.038	27.537
29.102	1.019	
11/17/2016 10:15:00 AM	130500.000	65.328
17.070	147.158	34356.488
40488.844	26.033	27.532
29.107	1.019	
11/17/2016 10:30:00 AM	131400.000	65.335
17.070	147.173	34366.977
40501.113	26.042	27.541
29.098	1.019	
11/17/2016 10:45:00 AM	132300.000	65.336
17.071	147.176	34354.125
40485.809	26.031	27.530
29.109	1.019	
11/17/2016 11:00:00 AM	133200.000	65.351
17.071	147.209	34391.309
40529.156	26.062	27.560
29.077	1.019	
11/17/2016 11:15:00 AM	134100.000	65.348
17.070	147.203	34395.516
40534.676	26.066	27.564
29.074	1.019	
11/17/2016 11:30:00 AM	135000.000	65.355
17.071	147.218	34367.234
40501.105	26.042	27.541
29.097	1.019	
11/17/2016 11:45:00 AM	135900.000	65.355
17.071	147.219	34404.223
40544.375	26.073	27.570
29.066	1.019	
11/17/2016 12:00:00 PM	136800.000	65.365
17.071	147.240	34406.844
40547.625	26.075	27.572
29.064	1.019	
11/17/2016 12:15:00 PM	137700.000	65.368
17.072	147.247	34405.469
40545.281	26.073	27.571
29.065	1.019	
11/17/2016 12:30:00 PM	138600.000	65.367
17.071	147.246	34397.715
40536.551	26.067	27.565
29.072	1.019	
11/17/2016 12:45:00 PM	139500.000	65.368
17.072	147.247	34392.590
40530.102	26.063	27.560
29.076	1.019	
11/17/2016 1:00:00 PM	140400.000	65.362
17.071	147.235	34418.684
40561.332	26.085	27.582
29.054	1.019	
11/17/2016 1:15:00 PM	141300.000	65.368
17.070	147.247	34403.723
40544.508	26.073	27.570
29.067	1.019	
11/17/2016 1:30:00 PM	142200.000	65.365
17.072	147.240	34398.133
40536.793	26.067	27.565

29.071	1.019	
11/17/2016 1:45:00 PM	143100.000	65.364
17.071	147.239	34401.594
40541.438	26.071	27.568
29.068	1.019	
11/17/2016 2:00:00 PM	144000.000	65.362
17.071	147.234	34426.398
40570.508	26.091	27.588
29.047	1.019	
11/17/2016 2:15:00 PM	144900.000	65.355
17.072	147.218	34387.090
40523.457	26.058	27.556
29.081	1.019	
11/17/2016 2:30:00 PM	145800.000	65.347
17.071	147.201	34417.445
40559.711	26.084	27.581
29.055	1.019	
11/17/2016 2:45:00 PM	146700.000	65.345
17.071	147.196	34397.316
40536.082	26.067	27.565
29.072	1.019	
11/17/2016 3:00:00 PM	147600.000	65.337
17.072	147.177	34405.406
40545.043	26.073	27.571
29.065	1.019	
11/17/2016 3:15:00 PM	148500.000	65.333
17.072	147.169	34392.902
40530.543	26.063	27.561
29.076	1.019	
11/17/2016 3:30:00 PM	149400.000	65.327
17.071	147.155	34400.211
40539.563	26.069	27.567
29.070	1.019	
11/17/2016 3:45:00 PM	150300.000	65.318
17.072	147.136	34382.902
40518.762	26.054	27.553
29.084	1.019	
11/17/2016 4:00:00 PM	151200.000	65.316
17.071	147.130	34420.527
40563.832	26.086	27.583
29.052	1.019	
11/17/2016 4:15:00 PM	152100.000	65.303
17.071	147.101	34388.504
40525.852	26.059	27.558
29.079	1.019	
11/17/2016 4:30:00 PM	153000.000	65.296
17.071	147.085	34386.535
40523.773	26.058	27.556
29.081	1.019	
11/17/2016 4:45:00 PM	153900.000	65.288
17.071	147.068	34414.434
40556.492	26.081	27.578
29.058	1.019	
11/17/2016 5:00:00 PM	154800.000	65.279
17.071	147.047	34402.598
40542.863	26.072	27.569
29.068	1.019	

11/17/2016 5:15:00 PM	155700.000	65.272
17.071	147.031	34365.668
40499.023	26.040	27.539
29.099	1.019	
11/17/2016 5:30:00 PM	156600.000	65.269
17.071	147.025	34367.926
40501.918	26.042	27.541
29.097	1.019	
11/17/2016 5:45:00 PM	157500.000	65.261
17.070	147.008	34371.109
40506.152	26.045	27.544
29.094	1.019	
11/17/2016 6:00:00 PM	158400.000	65.254
17.070	146.990	34371.762
40506.996	26.046	27.545
29.094	1.019	
11/17/2016 6:15:00 PM	159300.000	65.249
17.069	146.979	34374.074
40510.285	26.048	27.547
29.092	1.019	
11/17/2016 6:30:00 PM	160200.000	65.245
17.070	146.971	34389.809
40528.742	26.061	27.560
29.078	1.019	
11/17/2016 6:45:00 PM	161100.000	65.236
17.070	146.951	34387.457
40525.973	26.059	27.558
29.080	1.019	
11/17/2016 7:00:00 PM	162000.000	65.235
17.069	146.948	34364.250
40498.781	26.040	27.539
29.100	1.019	
11/17/2016 7:15:00 PM	162900.000	65.230
17.070	146.936	34368.688
40503.699	26.044	27.543
29.096	1.019	
11/17/2016 7:30:00 PM	163800.000	65.224
17.070	146.924	34374.738
40510.984	26.049	27.547
29.091	1.019	
11/17/2016 7:45:00 PM	164700.000	65.222
17.070	146.919	34371.238
40506.379	26.046	27.544
29.094	1.019	
11/17/2016 8:00:00 PM	165600.000	65.220
17.069	146.914	34373.188
40509.316	26.048	27.546
29.092	1.019	
11/17/2016 8:15:00 PM	166500.000	65.213
17.070	146.899	34377.945
40514.285	26.051	27.550
29.088	1.019	
11/17/2016 8:30:00 PM	167400.000	65.208
17.069	146.888	34367.801
40503.379	26.043	27.542
29.097	1.019	
11/17/2016 8:45:00 PM	168300.000	65.217

17.069	146.907	34371.777
40507.738	26.046	27.545
29.094	1.019	
11/17/2016 9:00:00 PM	169200.000	65.219
17.070	146.913	34360.633
40494.285	26.037	27.536
29.103	1.019	
11/17/2016 9:15:00 PM	170100.000	65.220
17.069	146.914	34337.953
40468.113	26.018	27.518
29.122	1.019	
11/17/2016 9:30:00 PM	171000.000	65.223
17.069	146.920	34362.754
40497.430	26.039	27.538
29.101	1.019	
11/17/2016 9:45:00 PM	171900.000	65.221
17.069	146.918	34327.863
40456.469	26.010	27.510
29.131	1.019	
11/17/2016 10:00:00 PM	172800.000	65.229
17.069	146.934	34349.129
40481.125	26.028	27.527
29.113	1.019	
11/17/2016 10:15:00 PM	173700.000	65.231
17.069	146.939	34345.605
40476.895	26.025	27.524
29.116	1.019	
11/17/2016 10:30:00 PM	174600.000	65.233
17.069	146.943	34347.094
40478.883	26.026	27.526
29.115	1.019	
11/17/2016 10:45:00 PM	175500.000	65.240
17.068	146.960	34340.164
40471.281	26.020	27.520
29.120	1.019	
11/17/2016 11:00:00 PM	176400.000	65.240
17.069	146.959	34351.016
40483.910	26.029	27.529
29.111	1.019	
11/17/2016 11:15:00 PM	177300.000	65.247
17.069	146.974	34343.340
40474.551	26.023	27.523
29.118	1.019	
11/17/2016 11:30:00 PM	178200.000	65.250
17.069	146.982	34335.719
40465.395	26.016	27.516
29.124	1.019	
11/17/2016 11:45:00 PM	179100.000	65.259
17.068	147.003	34332.359
40462.164	26.014	27.514
29.127	1.019	
11/18/2016 12:00:00 AM	180000.000	65.263
17.068	147.010	34331.492
40461.383	26.013	27.514
29.128	1.019	
11/18/2016 12:15:00 AM	180900.000	65.266
17.068	147.018	34353.820

40487.543	26.032	27.532
29.109	1.019	
11/18/2016 12:30:00 AM	181800.000	65.275
17.068	147.038	34330.156
40459.484	26.012	27.512
29.129	1.019	
11/18/2016 12:45:00 AM	182700.000	65.277
17.069	147.043	34337.980
40468.629	26.019	27.519
29.122	1.019	
11/18/2016 1:00:00 AM	183600.000	65.279
17.068	147.048	34345.051
40477.207	26.025	27.525
29.116	1.019	
11/18/2016 1:15:00 AM	184500.000	65.289
17.069	147.069	34355.543
40488.684	26.033	27.532
29.107	1.019	
11/18/2016 1:30:00 AM	185400.000	65.291
17.068	147.075	34353.031
40486.527	26.031	27.531
29.110	1.019	
11/18/2016 1:45:00 AM	186300.000	65.294
17.069	147.082	34349.488
40482.191	26.028	27.528
29.113	1.019	
11/18/2016 2:00:00 AM	187200.000	65.294
17.069	147.080	34327.176
40455.730	26.009	27.510
29.131	1.019	
11/18/2016 2:15:00 AM	188100.000	65.294
17.068	147.080	34345.746
40478.102	26.025	27.525
29.116	1.019	
11/18/2016 2:30:00 AM	189000.000	65.298
17.068	147.090	34350.375
40483.313	26.029	27.529
29.112	1.019	
11/18/2016 2:45:00 AM	189900.000	65.302
17.068	147.099	34334.043
40464.469	26.016	27.516
29.126	1.019	
11/18/2016 3:00:00 AM	190800.000	65.301
17.069	147.097	34360.781
40495.418	26.038	27.537
29.103	1.019	
11/18/2016 3:15:00 AM	191700.000	65.304
17.068	147.103	34343.637
40475.617	26.024	27.523
29.117	1.019	
11/18/2016 3:30:00 AM	192600.000	65.303
17.068	147.102	34352.293
40485.656	26.031	27.530
29.110	1.019	
11/18/2016 3:45:00 AM	193500.000	65.304
17.069	147.103	34355.105
40488.648	26.033	27.532

29.108	1.019	
11/18/2016 4:00:00 AM	194400.000	65.306
17.068	147.109	34334.742
40465.375	26.016	27.516
29.125	1.019	
11/18/2016 4:15:00 AM	195300.000	65.302
17.069	147.100	34353.020
40486.027	26.031	27.530
29.110	1.019	
11/18/2016 4:30:00 AM	196200.000	65.302
17.069	147.100	34348.746
40480.922	26.027	27.527
29.113	1.019	
11/18/2016 4:45:00 AM	197100.000	65.301
17.068	147.097	34349.570
40482.770	26.029	27.528
29.112	1.019	
11/18/2016 5:00:00 AM	198000.000	65.303
17.068	147.101	34327.582
40456.453	26.010	27.510
29.131	1.019	
11/18/2016 5:15:00 AM	198900.000	65.299
17.069	147.093	34352.012
40484.770	26.030	27.530
29.110	1.019	
11/18/2016 5:30:00 AM	199800.000	65.298
17.068	147.089	34334.141
40464.348	26.016	27.516
29.126	1.019	
11/18/2016 5:45:00 AM	200700.000	65.296
17.069	147.086	34337.461
40467.691	26.018	27.518
29.123	1.019	
11/18/2016 6:00:00 AM	201600.000	65.298
17.068	147.089	34335.465
40465.742	26.017	27.517
29.124	1.019	
11/18/2016 6:15:00 AM	202500.000	65.289
17.068	147.071	34340.504
40471.680	26.021	27.521
29.120	1.019	
11/18/2016 6:30:00 AM	203400.000	65.292
17.068	147.076	34323.852
40452.457	26.007	27.508
29.134	1.019	
11/18/2016 6:45:00 AM	204300.000	65.292
17.069	147.076	34346.445
40478.039	26.025	27.525
29.115	1.019	
11/18/2016 7:00:00 AM	205200.000	65.291
17.069	147.075	34344.469
40476.039	26.024	27.524
29.117	1.019	
11/18/2016 7:15:00 AM	206100.000	65.290
17.068	147.073	34335.891
40466.648	26.017	27.517
29.124	1.019	

11/18/2016 7:30:00 AM	207000.000	65.292
17.069	147.077	34354.789
40488.355	26.033	27.532
29.108	1.019	
11/18/2016 7:45:00 AM	207900.000	65.287
17.069	147.064	34333.000
40462.273	26.014	27.514
29.126	1.019	
11/18/2016 8:00:00 AM	208800.000	65.292
17.068	147.076	34349.172
40481.895	26.028	27.528
29.113	1.019	
11/18/2016 8:15:00 AM	209700.000	65.295
17.069	147.083	34346.500
40478.672	26.026	27.525
29.115	1.019	
11/18/2016 8:30:00 AM	210600.000	65.297
17.069	147.088	34350.594
40483.332	26.029	27.529
29.112	1.019	
11/18/2016 8:45:00 AM	211500.000	65.291
17.069	147.075	34336.039
40466.258	26.017	27.517
29.124	1.019	
11/18/2016 9:00:00 AM	212400.000	65.301
17.068	147.096	34330.402
40459.777	26.012	27.513
29.129	1.019	
11/18/2016 9:15:00 AM	213300.000	65.303
17.069	147.101	34339.887
40470.641	26.020	27.520
29.121	1.019	
11/18/2016 9:30:00 AM	214200.000	65.305
17.069	147.106	34322.496
40450.383	26.006	27.506
29.135	1.019	
11/18/2016 9:45:00 AM	215100.000	65.311
17.068	147.120	34349.961
40482.828	26.029	27.528
29.112	1.019	
11/18/2016 10:00:00 AM	216000.000	65.311
17.069	147.120	34342.977
40474.352	26.023	27.523
29.118	1.019	
11/18/2016 10:15:00 AM	216900.000	65.319
17.069	147.137	34329.539
40458.516	26.011	27.512
29.129	1.019	
11/18/2016 10:30:00 AM	217800.000	65.320
17.069	147.140	34350.262
40483.105	26.029	27.529
29.112	1.019	
11/18/2016 10:45:00 AM	218700.000	65.326
17.069	147.154	34330.660
40459.516	26.012	27.512
29.128	1.019	
11/18/2016 11:00:00 AM	219600.000	65.334

17.069	147.171	34354.566
40488.012	26.032	27.532
29.108	1.019	
11/18/2016 11:15:00 AM	220500.000	65.334
17.069	147.171	34361.504
40495.785	26.038	27.537
29.102	1.019	
11/18/2016 11:30:00 AM	221400.000	65.339
17.069	147.182	34350.074
40482.398	26.028	27.528
29.112	1.019	
11/18/2016 11:45:00 AM	222300.000	65.342
17.069	147.190	34353.496
40486.270	26.031	27.531
29.109	1.019	
11/18/2016 12:00:00 PM	223200.000	65.346
17.068	147.198	34350.453
40483.574	26.029	27.529
29.112	1.019	
11/18/2016 12:15:00 PM	224100.000	65.346
17.069	147.199	34357.141
40490.727	26.034	27.534
29.106	1.019	
11/18/2016 12:30:00 PM	225000.000	65.355
17.069	147.219	34335.492
40465.301	26.016	27.516
29.124	1.019	
11/18/2016 12:45:00 PM	225900.000	65.356
17.069	147.220	34372.270
40508.234	26.047	27.546
29.093	1.019	
11/18/2016 1:00:00 PM	226800.000	65.357
17.069	147.222	34327.938
40456.070	26.010	27.510
29.131	1.019	
11/18/2016 1:15:00 PM	227700.000	65.362
17.069	147.235	34357.609
40490.883	26.034	27.534
29.106	1.019	
11/18/2016 1:30:00 PM	228600.000	65.364
17.069	147.238	34356.785
40489.910	26.034	27.533
29.106	1.019	
11/18/2016 1:45:00 PM	229500.000	65.363
17.070	147.236	34359.309
40492.480	26.036	27.535
29.104	1.019	
11/18/2016 2:00:00 PM	230400.000	65.362
17.069	147.234	34382.586
40520.391	26.055	27.554
29.084	1.019	
11/18/2016 2:15:00 PM	231300.000	65.349
17.070	147.205	34359.848
40493.281	26.036	27.535
29.104	1.019	
11/18/2016 2:30:00 PM	232200.000	65.362
17.070	147.234	34377.473

40513.969	26.051	27.550
29.089	1.019	
11/18/2016 2:45:00 PM	233100.000	65.355
17.070	147.219	34358.438
40491.535	26.035	27.534
29.105	1.019	
11/18/2016 3:00:00 PM	234000.000	65.358
17.069	147.226	34380.141
40517.594	26.053	27.552
29.087	1.019	
11/18/2016 3:15:00 PM	234900.000	65.359
17.070	147.228	34355.570
40487.840	26.032	27.532
29.107	1.019	
11/18/2016 3:30:00 PM	235800.000	65.349
17.070	147.204	34352.008
40483.719	26.029	27.529
29.110	1.019	
11/18/2016 3:45:00 PM	236700.000	65.341
17.070	147.186	34374.594
40510.492	26.048	27.547
29.091	1.019	
11/18/2016 4:00:00 PM	237600.000	65.337
17.069	147.177	34359.645
40493.281	26.036	27.535
29.104	1.019	
11/18/2016 4:15:00 PM	238500.000	65.329
17.070	147.160	34367.629
40502.285	26.043	27.542
29.097	1.019	
11/18/2016 4:30:00 PM	239400.000	65.326
17.070	147.154	34379.586
40516.379	26.053	27.551
29.087	1.019	
11/18/2016 4:45:00 PM	240300.000	65.335
17.070	147.174	34350.055
40481.820	26.028	27.528
29.112	1.019	
11/18/2016 5:00:00 PM	241200.000	65.312
17.069	147.121	34322.473
40449.547	26.005	27.506
29.135	1.019	
11/18/2016 5:15:00 PM	242100.000	65.306
17.070	147.109	34355.973
40488.867	26.033	27.532
29.107	1.019	
11/18/2016 5:30:00 PM	243000.000	65.298
17.069	147.090	34370.598
40506.426	26.046	27.544
29.095	1.019	
11/18/2016 5:45:00 PM	243900.000	65.291
17.070	147.074	34372.191
40507.828	26.047	27.545
29.093	1.019	
11/18/2016 6:00:00 PM	244800.000	65.286
17.069	147.063	34362.125
40496.848	26.039	27.538

29.102	1.019	
11/18/2016 6:15:00 PM	245700.000	65.279
17.069	147.047	34361.000
40495.434	26.038	27.537
29.103	1.019	
11/18/2016 6:30:00 PM	246600.000	65.273
17.069	147.033	34342.195
40472.953	26.022	27.522
29.119	1.019	
11/18/2016 6:45:00 PM	247500.000	65.265
17.069	147.017	34362.824
40497.910	26.039	27.539
29.101	1.019	
11/18/2016 7:00:00 PM	248400.000	65.263
17.069	147.010	34328.406
40456.625	26.010	27.511
29.130	1.019	
11/18/2016 7:15:00 PM	249300.000	65.258
17.069	146.999	34344.828
40476.465	26.024	27.524
29.116	1.019	
11/18/2016 7:30:00 PM	250200.000	65.252
17.069	146.987	34333.691
40463.574	26.015	27.515
29.126	1.019	
11/18/2016 7:45:00 PM	251100.000	65.245
17.069	146.971	34342.410
40473.613	26.022	27.522
29.119	1.019	
11/18/2016 8:00:00 PM	252000.000	65.241
17.069	146.961	34353.977
40487.086	26.032	27.531
29.109	1.019	
11/18/2016 8:15:00 PM	252900.000	65.240
17.068	146.959	34362.031
40497.051	26.039	27.538
29.102	1.019	
11/18/2016 8:30:00 PM	253800.000	65.234
17.068	146.946	34325.629
40454.637	26.009	27.509
29.133	1.019	
11/18/2016 8:45:00 PM	254700.000	65.232
17.068	146.941	34332.887
40462.871	26.014	27.515
29.127	1.019	
11/18/2016 9:00:00 PM	255600.000	65.230
17.069	146.938	34342.426
40473.867	26.022	27.522
29.119	1.019	
11/18/2016 9:15:00 PM	256500.000	65.230
17.068	146.938	34321.168
40448.977	26.005	27.505
29.137	1.019	
11/18/2016 9:30:00 PM	257400.000	65.225
17.069	146.925	34336.547
40466.613	26.017	27.517
29.123	1.019	

11/18/2016 9:45:00 PM	258300.000	65.224
17.068	146.922	34321.008
40449.023	26.005	27.505
29.137	1.019	
11/18/2016 10:00:00 PM	259200.000	65.228
17.068	146.933	34321.129
40449.090	26.005	27.505
29.137	1.019	
11/18/2016 10:15:00 PM	260100.000	65.227
17.069	146.930	34328.875
40457.570	26.011	27.511
29.130	1.019	
11/18/2016 10:30:00 PM	261000.000	65.229
17.068	146.934	34328.559
40458.008	26.011	27.511
29.130	1.019	
11/18/2016 10:45:00 PM	261900.000	65.233
17.068	146.943	34366.875
40503.246	26.043	27.542
29.098	1.019	
11/18/2016 11:00:00 PM	262800.000	65.251
17.068	146.985	34321.574
40449.855	26.005	27.506
29.136	1.019	
11/18/2016 11:15:00 PM	263700.000	65.237
17.068	146.953	34317.984
40445.703	26.002	27.503
29.139	1.019	
11/18/2016 11:30:00 PM	264600.000	65.241
17.069	146.962	34324.566
40452.820	26.007	27.508
29.134	1.019	
11/18/2016 11:45:00 PM	265500.000	65.243
17.068	146.966	34327.320
40456.387	26.010	27.510
29.131	1.019	
11/19/2016 12:00:00 AM	266400.000	65.251
17.067	146.984	34318.500
40446.797	26.003	27.504
29.139	1.019	
11/19/2016 12:15:00 AM	267300.000	65.255
17.068	146.993	34333.137
40463.719	26.015	27.515
29.126	1.019	
11/19/2016 12:30:00 AM	268200.000	65.260
17.069	147.004	34327.891
40456.738	26.010	27.511
29.131	1.019	
11/19/2016 12:45:00 AM	269100.000	65.265
17.068	147.016	34310.879
40437.328	25.996	27.497
29.145	1.019	
11/19/2016 1:00:00 AM	270000.000	65.268
17.068	147.022	34353.117
40487.270	26.032	27.531
29.109	1.019	
11/19/2016 1:15:00 AM	270900.000	65.275

17.068	147.039	34303.160
40428.230	25.990	27.491
29.152	1.019	
11/19/2016 1:30:00 AM	271800.000	65.281
17.068	147.052	34309.043
40435.008	25.995	27.496
29.147	1.019	
11/19/2016 1:45:00 AM	272700.000	65.284
17.068	147.059	34338.172
40469.254	26.019	27.519
29.122	1.019	
11/19/2016 2:00:00 AM	273600.000	65.302
17.068	147.100	34341.320
40472.887	26.022	27.522
29.119	1.019	
11/19/2016 2:15:00 AM	274500.000	65.291
17.068	147.074	34325.246
40454.422	26.008	27.509
29.133	1.019	
11/19/2016 2:30:00 AM	275400.000	65.293
17.068	147.080	34307.301
40433.195	25.993	27.495
29.148	1.019	
11/19/2016 2:45:00 AM	276300.000	65.296
17.068	147.086	34322.051
40450.496	26.006	27.506
29.136	1.019	
11/19/2016 3:00:00 AM	277200.000	65.303
17.068	147.101	34317.340
40444.703	26.002	27.502
29.140	1.019	
11/19/2016 3:15:00 AM	278100.000	65.301
17.068	147.096	34309.852
40436.199	25.995	27.497
29.146	1.019	
11/19/2016 3:30:00 AM	279000.000	65.305
17.067	147.106	34292.691
40416.531	25.981	27.483
29.161	1.019	
11/19/2016 3:45:00 AM	279900.000	65.307
17.067	147.111	34313.430
40440.730	25.999	27.500
29.143	1.019	
11/19/2016 4:00:00 AM	280800.000	65.311
17.068	147.120	34323.746
40452.176	26.007	27.507
29.134	1.019	
11/19/2016 4:15:00 AM	281700.000	65.311
17.067	147.119	34336.074
40467.352	26.018	27.518
29.124	1.019	
11/19/2016 4:30:00 AM	282600.000	65.314
17.068	147.126	34314.063
40441.164	25.999	27.500
29.143	1.019	
11/19/2016 4:45:00 AM	283500.000	65.313
17.068	147.124	34324.051

40452.777	26.007	27.508
29.134	1.019	
11/19/2016 5:00:00 AM	284400.000	65.311
17.068	147.120	34308.270
40434.254	25.994	27.495
29.147	1.019	
11/19/2016 5:15:00 AM	285300.000	65.309
17.068	147.115	34299.156
40423.273	25.986	27.488
29.155	1.019	
11/19/2016 5:30:00 AM	286200.000	65.310
17.068	147.117	34327.496
40456.672	26.010	27.511
29.131	1.019	
11/19/2016 5:45:00 AM	287100.000	65.312
17.067	147.121	34326.566
40456.145	26.010	27.510
29.132	1.019	
11/19/2016 6:00:00 AM	288000.000	65.313
17.068	147.125	34318.523
40446.574	26.003	27.504
29.139	1.019	
11/19/2016 6:15:00 AM	288900.000	65.311
17.068	147.119	34342.660
40474.625	26.023	27.523
29.118	1.019	
11/19/2016 6:30:00 AM	289800.000	65.309
17.068	147.114	34308.500
40434.762	25.994	27.496
29.147	1.019	
11/19/2016 6:45:00 AM	290700.000	65.307
17.068	147.110	34319.152
40447.004	26.003	27.504
29.138	1.019	
11/19/2016 7:00:00 AM	291600.000	65.304
17.068	147.103	34339.938
40471.336	26.020	27.521
29.121	1.019	
11/19/2016 7:15:00 AM	292500.000	65.306
17.067	147.108	34324.660
40454.059	26.008	27.509
29.134	1.019	
11/19/2016 7:30:00 AM	293400.000	65.302
17.068	147.098	34319.184
40447.117	26.003	27.504
29.138	1.019	
11/19/2016 7:45:00 AM	294300.000	65.302
17.068	147.098	34316.586
40443.574	26.001	27.502
29.140	1.019	
11/19/2016 8:00:00 AM	295200.000	65.300
17.068	147.095	34321.980
40450.570	26.006	27.506
29.136	1.019	
11/19/2016 8:15:00 AM	296100.000	65.300
17.068	147.095	34337.113
40467.852	26.018	27.518

29.123	1.019	
11/19/2016 8:30:00 AM	297000.000	65.303
17.068	147.102	34333.672
40463.949	26.015	27.515
29.126	1.019	
11/19/2016 8:45:00 AM	297900.000	65.297
17.068	147.087	34343.398
40475.578	26.024	27.523
29.118	1.019	
11/19/2016 9:00:00 AM	298800.000	65.299
17.069	147.092	34321.527
40449.074	26.005	27.505
29.136	1.019	
11/19/2016 9:15:00 AM	299700.000	65.303
17.068	147.101	34312.289
40439.148	25.998	27.499
29.144	1.019	
11/19/2016 9:30:00 AM	300600.000	65.303
17.068	147.102	34298.996
40423.164	25.986	27.488
29.155	1.019	
11/19/2016 9:45:00 AM	301500.000	65.303
17.067	147.102	34350.723
40484.773	26.030	27.530
29.111	1.019	
11/19/2016 10:00:00 AM	302400.000	65.306
17.068	147.108	34340.691
40472.223	26.021	27.521
29.120	1.019	
11/19/2016 10:15:00 AM	303300.000	65.308
17.068	147.113	34318.648
40446.328	26.003	27.504
29.139	1.019	
11/19/2016 10:30:00 AM	304200.000	65.308
17.068	147.113	34320.871
40448.785	26.004	27.505
29.137	1.019	
11/19/2016 10:45:00 AM	305100.000	65.316
17.068	147.130	34344.629
40476.863	26.024	27.524
29.117	1.019	
11/19/2016 11:00:00 AM	306000.000	65.321
17.069	147.141	34340.867
40471.949	26.021	27.521
29.120	1.019	
11/19/2016 11:15:00 AM	306900.000	65.325
17.068	147.151	34321.082
40448.957	26.005	27.505
29.137	1.019	
11/19/2016 11:30:00 AM	307800.000	65.327
17.068	147.156	34337.758
40468.527	26.019	27.519
29.122	1.019	
11/19/2016 11:45:00 AM	308700.000	65.331
17.068	147.165	34341.828
40473.324	26.022	27.522
29.119	1.019	

11/19/2016 12:00:00 PM	309600.000	65.335
17.069	147.173	34332.027
40461.379	26.013	27.514
29.127	1.019	
11/19/2016 12:15:00 PM	310500.000	65.341
17.068	147.187	34357.352
40491.617	26.035	27.534
29.106	1.019	
11/19/2016 12:30:00 PM	311400.000	65.343
17.069	147.191	34347.598
40479.156	26.026	27.526
29.114	1.019	
11/19/2016 12:45:00 PM	312300.000	65.345
17.069	147.196	34329.910
40458.633	26.012	27.512
29.129	1.019	
11/19/2016 1:00:00 PM	313200.000	65.354
17.070	147.216	34357.078
40490.172	26.034	27.533
29.106	1.019	
11/19/2016 1:15:00 PM	314100.000	65.356
17.070	147.221	34346.039
40476.766	26.024	27.524
29.115	1.019	
11/19/2016 1:30:00 PM	315000.000	65.360
17.070	147.230	34367.238
40501.750	26.042	27.541
29.097	1.019	
11/19/2016 1:45:00 PM	315900.000	65.359
17.070	147.228	34367.328
40502.016	26.042	27.541
29.097	1.019	
11/19/2016 2:00:00 PM	316800.000	65.363
17.070	147.237	34376.922
40513.480	26.051	27.549
29.089	1.019	
11/19/2016 2:15:00 PM	317700.000	65.367
17.070	147.245	34374.633
40510.137	26.048	27.547
29.091	1.019	
11/19/2016 2:30:00 PM	318600.000	65.366
17.071	147.243	34371.949
40506.746	26.046	27.545
29.093	1.019	
11/19/2016 2:45:00 PM	319500.000	65.370
17.071	147.253	34376.355
40512.008	26.050	27.548
29.090	1.019	
11/19/2016 3:00:00 PM	320400.000	65.374
17.071	147.260	34389.473
40527.234	26.060	27.559
29.079	1.019	
11/19/2016 3:15:00 PM	321300.000	65.369
17.070	147.249	34382.246
40519.039	26.055	27.553
29.085	1.019	
11/19/2016 3:30:00 PM	322200.000	65.370

17.071	147.253	34382.828
40519.246	26.055	27.553
29.084	1.019	
11/19/2016 3:45:00 PM	323100.000	65.367
17.071	147.246	34387.488
40524.813	26.059	27.557
29.080	1.019	
11/19/2016 4:00:00 PM	324000.000	65.360
17.070	147.230	34404.375
40545.188	26.073	27.571
29.066	1.019	
11/19/2016 4:15:00 PM	324900.000	65.369
17.071	147.251	34400.602
40540.266	26.070	27.567
29.069	1.019	
11/19/2016 4:30:00 PM	325800.000	65.362
17.071	147.234	34386.184
40523.359	26.058	27.556
29.081	1.019	
11/19/2016 4:45:00 PM	326700.000	65.354
17.071	147.215	34384.281
40520.957	26.056	27.554
29.083	1.019	
11/19/2016 5:00:00 PM	327600.000	65.356
17.071	147.221	34365.465
40498.457	26.040	27.539
29.099	1.019	
11/19/2016 5:15:00 PM	328500.000	65.347
17.071	147.201	34384.621
40521.594	26.056	27.555
29.083	1.019	
11/19/2016 5:30:00 PM	329400.000	65.344
17.071	147.195	34408.500
40549.820	26.076	27.574
29.063	1.019	
11/19/2016 5:45:00 PM	330300.000	65.339
17.071	147.182	34430.258
40575.055	26.094	27.591
29.044	1.019	
11/19/2016 6:00:00 PM	331200.000	65.335
17.071	147.174	34405.848
40546.371	26.074	27.572
29.065	1.019	
11/19/2016 6:15:00 PM	332100.000	65.326
17.071	147.153	34408.660
40549.688	26.076	27.574
29.062	1.019	
11/19/2016 6:30:00 PM	333000.000	65.326
17.071	147.154	34395.277
40534.305	26.065	27.563
29.074	1.019	
11/19/2016 6:45:00 PM	333900.000	65.322
17.071	147.144	34397.656
40536.637	26.067	27.565
29.072	1.019	
11/19/2016 7:00:00 PM	334800.000	65.314
17.071	147.126	34382.496

40519.176	26.055	27.553
29.085	1.019	
11/19/2016 7:15:00 PM	335700.000	65.312
17.071	147.121	34393.117
40530.965	26.063	27.561
29.076	1.019	
11/19/2016 7:30:00 PM	336600.000	65.302
17.071	147.098	34401.504
40541.332	26.070	27.568
29.068	1.019	
11/19/2016 7:45:00 PM	337500.000	65.298
17.070	147.090	34393.305
40532.070	26.064	27.562
29.075	1.019	
11/19/2016 8:00:00 PM	338400.000	65.291
17.071	147.074	34399.668
40538.855	26.069	27.566
29.070	1.019	
11/19/2016 8:15:00 PM	339300.000	65.293
17.071	147.080	34385.363
40522.621	26.057	27.555
29.082	1.019	
11/19/2016 8:30:00 PM	340200.000	65.288
17.071	147.068	34416.410
40558.652	26.083	27.580
29.056	1.019	
11/19/2016 8:45:00 PM	341100.000	65.279
17.071	147.048	34394.215
40532.742	26.064	27.562
29.075	1.019	
11/19/2016 9:00:00 PM	342000.000	65.279
17.071	147.048	34388.832
40525.914	26.060	27.558
29.079	1.019	
11/19/2016 9:15:00 PM	342900.000	65.272
17.071	147.032	34382.727
40519.516	26.055	27.553
29.084	1.019	
11/19/2016 9:30:00 PM	343800.000	65.276
17.071	147.040	34386.844
40524.297	26.058	27.557
29.081	1.019	
11/19/2016 9:45:00 PM	344700.000	65.271
17.071	147.028	34399.934
40539.641	26.069	27.567
29.070	1.019	
11/19/2016 10:00:00 PM	345600.000	65.280
17.070	147.051	34392.609
40531.254	26.063	27.561
29.076	1.019	
11/19/2016 10:15:00 PM	346500.000	65.275
17.070	147.039	34345.230
40475.418	26.024	27.523
29.116	1.019	
11/19/2016 10:30:00 PM	347400.000	65.270
17.071	147.026	34405.973
40546.680	26.074	27.572

29.065	1.019	
11/19/2016 10:45:00 PM	348300.000	65.268
17.070	147.022	34369.566
40504.098	26.044	27.543
29.096	1.019	
11/19/2016 11:00:00 PM	349200.000	65.270
17.070	147.027	34384.711
40522.105	26.057	27.555
29.083	1.019	
11/19/2016 11:15:00 PM	350100.000	65.275
17.071	147.039	34389.977
40528.059	26.061	27.559
29.078	1.019	
11/19/2016 11:30:00 PM	351000.000	65.278
17.071	147.044	34387.070
40524.633	26.059	27.557
29.081	1.019	
11/19/2016 11:45:00 PM	351900.000	65.283
17.071	147.056	34389.395
40527.305	26.060	27.559
29.079	1.019	
11/20/2016 12:00:00 AM	352800.000	65.281
17.071	147.051	34384.879
40522.051	26.057	27.555
29.083	1.019	
11/20/2016 12:15:00 AM	353700.000	65.285
17.070	147.061	34395.633
40535.289	26.066	27.564
29.073	1.019	
11/20/2016 12:30:00 AM	354600.000	65.296
17.070	147.085	34377.020
40513.191	26.050	27.549
29.089	1.019	
11/20/2016 12:45:00 AM	355500.000	65.296
17.070	147.086	34376.152
40511.859	26.049	27.548
29.090	1.019	
11/20/2016 1:00:00 AM	356400.000	65.303
17.071	147.101	34371.984
40506.625	26.046	27.545
29.093	1.019	
11/20/2016 1:15:00 AM	357300.000	65.303
17.070	147.102	34389.152
40527.414	26.061	27.559
29.079	1.019	
11/20/2016 1:30:00 AM	358200.000	65.313
17.071	147.124	34374.875
40510.031	26.048	27.547
29.091	1.019	
11/20/2016 1:45:00 AM	359100.000	65.315
17.070	147.129	34357.840
40490.277	26.034	27.533
29.105	1.019	
11/20/2016 2:00:00 AM	360000.000	65.325
17.070	147.151	34373.891
40509.191	26.048	27.546
29.092	1.019	

11/20/2016 2:15:00 AM	360900.000	65.327
17.071	147.155	34371.688
40506.191	26.045	27.544
29.094	1.019	
11/20/2016 2:30:00 AM	361800.000	65.331
17.070	147.165	34381.465
40518.516	26.054	27.553
29.085	1.019	
11/20/2016 2:45:00 AM	362700.000	65.341
17.071	147.187	34383.375
40519.891	26.055	27.554
29.084	1.019	
11/20/2016 3:00:00 AM	363600.000	65.349
17.071	147.204	34403.000
40542.934	26.072	27.569
29.067	1.019	
11/20/2016 3:15:00 AM	364500.000	65.353
17.071	147.213	34390.770
40528.602	26.061	27.559
29.078	1.019	
11/20/2016 3:30:00 AM	365400.000	65.356
17.071	147.221	34400.660
40540.176	26.070	27.567
29.069	1.019	
11/20/2016 3:45:00 AM	366300.000	65.365
17.071	147.242	34391.902
40530.176	26.063	27.561
29.077	1.019	
11/20/2016 4:00:00 AM	367200.000	65.366
17.071	147.244	34406.750
40547.031	26.075	27.572
29.064	1.019	
11/20/2016 4:15:00 AM	368100.000	65.369
17.072	147.250	34418.793
40560.820	26.084	27.581
29.054	1.019	
11/20/2016 4:30:00 AM	369000.000	65.375
17.072	147.264	34434.988
40579.988	26.098	27.594
29.040	1.019	
11/20/2016 4:45:00 AM	369900.000	65.374
17.071	147.262	34392.367
40530.250	26.063	27.561
29.076	1.019	
11/20/2016 5:00:00 AM	370800.000	65.376
17.072	147.267	34403.602
40542.590	26.071	27.569
29.067	1.019	
11/20/2016 5:15:00 AM	371700.000	65.382
17.072	147.279	34400.375
40538.559	26.069	27.566
29.069	1.019	
11/20/2016 5:30:00 AM	372600.000	65.377
17.072	147.269	34432.016
40576.074	26.095	27.592
29.043	1.019	
11/20/2016 5:45:00 AM	373500.000	65.376

17.072	147.266	34415.031
40555.832	26.081	27.578
29.057	1.019	
11/20/2016 6:00:00 AM	374400.000	65.384
17.072	147.284	34413.316
40553.809	26.079	27.577
29.059	1.019	
11/20/2016 6:15:00 AM	375300.000	65.386
17.073	147.288	34440.805
40585.715	26.102	27.598
29.035	1.019	
11/20/2016 6:30:00 AM	376200.000	65.388
17.073	147.292	34434.590
40578.719	26.097	27.594
29.041	1.019	
11/20/2016 6:45:00 AM	377100.000	65.389
17.073	147.294	34425.473
40567.730	26.089	27.586
29.048	1.019	
11/20/2016 7:00:00 AM	378000.000	65.390
17.073	147.297	34430.484
40573.230	26.093	27.590
29.044	1.019	
11/20/2016 7:15:00 AM	378900.000	65.392
17.072	147.301	34452.703
40600.223	26.112	27.608
29.025	1.019	
11/20/2016 7:30:00 AM	379800.000	65.386
17.072	147.288	34418.090
40559.434	26.083	27.580
29.054	1.019	
11/20/2016 7:45:00 AM	380700.000	65.387
17.073	147.290	34441.129
40586.258	26.103	27.599
29.035	1.019	
11/20/2016 8:00:00 AM	381600.000	65.389
17.073	147.295	34443.930
40589.633	26.105	27.601
29.033	1.019	
11/20/2016 8:15:00 AM	382500.000	65.378
17.073	147.271	34452.344
40599.082	26.112	27.607
29.026	1.019	
11/20/2016 8:30:00 AM	383400.000	65.388
17.074	147.292	34434.430
40577.484	26.096	27.593
29.041	1.019	
11/20/2016 8:45:00 AM	384300.000	65.390
17.073	147.298	34440.066
40584.613	26.101	27.598
29.036	1.019	
11/20/2016 9:00:00 AM	385200.000	65.386
17.073	147.288	34458.215
40605.910	26.117	27.612
29.021	1.019	
11/20/2016 9:15:00 AM	386100.000	65.387
17.073	147.291	34437.723

40581.691	26.099	27.596
29.038	1.019	
11/20/2016 9:30:00 AM	387000.000	65.387
17.073	147.290	34458.070
40606.063	26.117	27.612
29.021	1.019	
11/20/2016 9:45:00 AM	387900.000	65.384
17.073	147.284	34455.508
40602.965	26.114	27.610
29.023	1.019	
11/20/2016 10:00:00 AM	388800.000	65.394
17.074	147.306	34465.195
40613.578	26.122	27.617
29.015	1.019	
11/20/2016 10:15:00 AM	389700.000	65.394
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29.036	1.019	
11/20/2016 10:45:00 AM	391500.000	65.386
17.074	147.289	34453.699
40599.711	26.112	27.608
29.024	1.019	
11/20/2016 11:00:00 AM	392400.000	65.387
17.073	147.290	34443.059
40587.980	26.104	27.600
29.033	1.019	
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17.073	147.309	34443.945
40589.027	26.105	27.601
29.033	1.019	
11/20/2016 11:30:00 AM	394200.000	65.409
17.074	147.340	34453.168
40599.086	26.112	27.607
29.025	1.019	
11/20/2016 11:45:00 AM	395100.000	65.396
17.074	147.312	34456.031
40602.543	26.114	27.610
29.022	1.019	
11/20/2016 12:00:00 PM	396000.000	65.398
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40605.742	26.116	27.612
29.021	1.019	
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17.074	147.324	34471.418
40620.508	26.127	27.622
29.010	1.019	
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17.074	147.323	34461.680
40609.113	26.119	27.614
29.018	1.019	
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17.075	147.353	34464.082
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11/20/2016 1:00:00 PM	399600.000	65.411
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40620.266	26.127	27.622
29.010	1.019	
11/20/2016 1:15:00 PM	400500.000	65.415
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28.997	1.019	
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29.024	1.019	
11/20/2016 1:45:00 PM	402300.000	65.430
17.075	147.387	34492.141
40644.277	26.144	27.638
28.992	1.019	
11/20/2016 2:00:00 PM	403200.000	65.428
17.075	147.383	34487.480
40638.473	26.140	27.634
28.996	1.019	
11/20/2016 2:15:00 PM	404100.000	65.427
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40643.668	26.144	27.638
28.993	1.019	
11/20/2016 2:30:00 PM	405000.000	65.433
17.075	147.395	34467.199
40614.574	26.123	27.618
29.013	1.019	
11/20/2016 2:45:00 PM	405900.000	65.438
17.075	147.406	34474.965
40623.875	26.129	27.624
29.007	1.019	
11/20/2016 3:00:00 PM	406800.000	65.441
17.075	147.413	34498.348
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28.987	1.019	
11/20/2016 3:15:00 PM	407700.000	65.440
17.076	147.411	34504.031
40657.492	26.153	27.647
28.982	1.019	
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17.076	147.414	34476.305
40625.051	26.130	27.625
29.005	1.019	
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17.076	147.423	34494.023
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28.991	1.019	
11/20/2016 4:00:00 PM	410400.000	65.440
17.076	147.411	34495.961
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28.989	1.019	
11/20/2016 4:15:00 PM	411300.000	65.442
17.075	147.415	34501.410
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28.984	1.019	

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28.993	1.019	
11/20/2016 4:45:00 PM	413100.000	65.444
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29.006	1.019	
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28.982	1.019	
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17.076	147.400	34470.117
40617.762	26.125	27.620
29.011	1.019	
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29.011	1.019	
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28.989	1.019	
11/20/2016 6:15:00 PM	418500.000	65.428
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40637.309	26.139	27.633
28.997	1.019	
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17.075	147.372	34503.328
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28.983	1.019	
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17.075	147.350	34478.699
40628.199	26.133	27.627
29.003	1.019	
11/20/2016 7:00:00 PM	421200.000	65.416
17.076	147.357	34493.965
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28.991	1.019	
11/20/2016 7:15:00 PM	422100.000	65.404
17.075	147.329	34487.359
40638.887	26.140	27.634
28.996	1.019	
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17.074	147.319	34471.898
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17.075	147.329	34477.207
40626.762	26.131	27.626
29.005	1.019	
11/20/2016 8:00:00 PM	424800.000	65.393

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17.074	147.305	34487.859
40639.965	26.141	27.635
28.996	1.019	
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17.074	147.287	34467.391
40615.762	26.124	27.619
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17.074	147.269	34481.305
40632.082	26.135	27.630
29.001	1.019	
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40634.625	26.137	27.632
29.000	1.019	
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40617.816	26.125	27.620
29.012	1.019	
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17.074	147.251	34477.625
40628.621	26.133	27.627
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17.074	147.246	34465.621
40613.918	26.122	27.617
29.014	1.019	
11/20/2016 10:00:00 PM	432000.000	65.362
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40582.957	26.100	27.596
29.037	1.019	
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17.074	147.222	34465.809
40614.141	26.122	27.618
29.014	1.019	
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17.074	147.225	34461.281
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29.018	1.019	
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17.074	147.223	34446.391
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11/20/2016 11:00:00 PM	435600.000	65.356
17.074	147.220	34446.652
40591.813	26.107	27.602
29.030	1.019	
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17.074	147.209	34449.258
40594.797	26.109	27.604
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11/20/2016 11:30:00 PM	437400.000	65.354
17.073	147.216	34456.094

40603.410	26.115	27.610
29.022	1.019	
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11/21/2016 12:00:00 AM	439200.000	65.359
17.074	147.228	34450.809
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29.027	1.019	
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17.073	147.232	34452.980
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29.025	1.019	
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29.036	1.019	
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40605.148	26.116	27.612
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29.037	1.019	
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29.022	1.019	
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29.028	1.019	
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11/21/2016 2:45:00 AM	449100.000	65.403
17.073	147.326	34450.719
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29.027	1.019	
11/21/2016 3:00:00 AM	450000.000	65.403
17.074	147.326	34461.910
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11/21/2016 3:15:00 AM	450900.000	65.408
17.074	147.338	34433.004
40575.883	26.095	27.592
29.042	1.019	
11/21/2016 3:30:00 AM	451800.000	65.420
17.073	147.365	34447.020
40593.039	26.107	27.603
29.030	1.019	
11/21/2016 3:45:00 AM	452700.000	65.419
17.074	147.362	34421.559
40562.555	26.086	27.583
29.052	1.019	
11/21/2016 4:00:00 AM	453600.000	65.423
17.073	147.373	34464.414
40613.145	26.122	27.617
29.015	1.019	
11/21/2016 4:15:00 AM	454500.000	65.427
17.073	147.381	34454.469
40601.426	26.113	27.609
29.024	1.019	
11/21/2016 4:30:00 AM	455400.000	65.437
17.073	147.403	34461.258
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29.018	1.019	
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11/21/2016 5:00:00 AM	457200.000	65.436
17.074	147.401	34437.246
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29.038	1.019	
11/21/2016 5:15:00 AM	458100.000	65.438
17.073	147.406	34446.652
40592.215	26.107	27.603
29.030	1.019	
11/21/2016 5:30:00 AM	459000.000	65.447
17.073	147.425	34456.418
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29.022	1.019	
11/21/2016 5:45:00 AM	459900.000	65.443
17.074	147.417	34475.938
40626.633	26.131	27.626
29.006	1.019	
11/21/2016 6:00:00 AM	460800.000	65.448
17.073	147.428	34451.988
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29.026	1.019	
11/21/2016 6:15:00 AM	461700.000	65.448
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40581.152	26.099	27.595
29.038	1.019	
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17.073	147.439	34445.707
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29.042	1.019	
11/21/2016 7:15:00 AM	465300.000	65.455
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40600.031	26.112	27.608
29.025	1.019	
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17.073	147.430	34467.285
40616.598	26.124	27.619
29.013	1.019	
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29.031	1.019	
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40596.309	26.110	27.605
29.027	1.019	
11/21/2016 8:30:00 AM	469800.000	65.443
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40594.129	26.108	27.604
29.029	1.019	
11/21/2016 8:45:00 AM	470700.000	65.441
17.073	147.413	34452.293
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29.026	1.019	
11/21/2016 9:00:00 AM	471600.000	65.443
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29.029	1.019	
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17.073	147.401	34446.984
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29.030	1.019	
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29.046	1.019	
11/21/2016 10:15:00 AM	476100.000	65.433

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29.031	1.019	
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29.032	1.019	
11/21/2016 10:45:00 AM	477900.000	65.432
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29.024	1.019	
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29.037	1.019	
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17.073	147.382	34425.672
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29.048	1.019	
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17.073	147.383	34438.145
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29.038	1.019	
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17.072	147.380	34427.508
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29.036	1.019	
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29.039	1.019	
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29.037	1.019	
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17.073	147.402	34430.168
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29.044	1.019	
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17.072	147.403	34427.934
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11/21/2016 3:00:00 PM	493200.000	65.438
17.072	147.405	34427.297
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29.047	1.019	
11/21/2016 3:15:00 PM	494100.000	65.439
17.072	147.408	34416.500
40557.875	26.082	27.579
29.056	1.019	
11/21/2016 3:30:00 PM	495000.000	65.444
17.073	147.420	34434.215
40578.188	26.097	27.593
29.041	1.019	
11/21/2016 3:45:00 PM	495900.000	65.447
17.073	147.425	34422.543
40564.523	26.087	27.584
29.051	1.019	
11/21/2016 4:00:00 PM	496800.000	65.445
17.073	147.421	34420.000
40561.434	26.085	27.582
29.053	1.019	
11/21/2016 4:15:00 PM	497700.000	65.445
17.072	147.421	34429.855
40573.461	26.093	27.590
29.045	1.019	
11/21/2016 4:30:00 PM	498600.000	65.447
17.072	147.426	34431.391
40575.422	26.095	27.591
29.043	1.019	
11/21/2016 4:45:00 PM	499500.000	65.450
17.072	147.432	34419.949
40561.941	26.085	27.582
29.053	1.019	
11/21/2016 5:00:00 PM	500400.000	65.446
17.072	147.423	34446.203
40592.961	26.107	27.603
29.031	1.019	
11/21/2016 5:15:00 PM	501300.000	65.448
17.072	147.428	34433.895
40578.699	26.097	27.594

29.041	1.019	
11/21/2016 5:30:00 PM	502200.000	65.446
17.072	147.424	34415.223
40556.695	26.081	27.579
29.057	1.019	
11/21/2016 5:45:00 PM	503100.000	65.450
17.072	147.432	34416.723
40557.891	26.082	27.579
29.056	1.019	
11/21/2016 6:00:00 PM	504000.000	65.443
17.072	147.418	34405.539
40545.363	26.073	27.571
29.065	1.019	
11/21/2016 6:15:00 PM	504900.000	65.443
17.072	147.416	34411.539
40552.109	26.078	27.575
29.060	1.019	
11/21/2016 6:30:00 PM	505800.000	65.440
17.072	147.410	34424.262
40567.188	26.089	27.586
29.049	1.019	
11/21/2016 6:45:00 PM	506700.000	65.435
17.071	147.400	34404.238
40544.238	26.073	27.570
29.066	1.019	
11/21/2016 7:00:00 PM	507600.000	65.433
17.072	147.394	34384.840
40521.129	26.056	27.554
29.083	1.019	
11/21/2016 7:15:00 PM	508500.000	65.427
17.071	147.381	34416.258
40558.402	26.083	27.580
29.056	1.019	
11/21/2016 7:30:00 PM	509400.000	65.427
17.072	147.380	34386.492
40522.676	26.057	27.555
29.081	1.019	
11/21/2016 7:45:00 PM	510300.000	65.421
17.072	147.368	34408.043
40548.387	26.076	27.573
29.063	1.019	
11/21/2016 8:00:00 PM	511200.000	65.415
17.071	147.353	34391.680
40529.836	26.062	27.560
29.077	1.019	
11/21/2016 8:15:00 PM	512100.000	65.410
17.071	147.343	34381.492
40517.586	26.054	27.552
29.085	1.019	
11/21/2016 8:30:00 PM	513000.000	65.407
17.071	147.336	34397.063
40535.781	26.067	27.564
29.072	1.019	
11/21/2016 8:45:00 PM	513900.000	65.405
17.071	147.332	34390.453
40528.063	26.061	27.559
29.078	1.019	

11/21/2016 9:00:00 PM	514800.000	65.398
17.071	147.316	34404.227
40544.699	26.073	27.570
29.066	1.019	
11/21/2016 9:15:00 PM	515700.000	65.396
17.071	147.310	34383.109
40519.406	26.055	27.553
29.084	1.019	
11/21/2016 9:30:00 PM	516600.000	65.391
17.070	147.299	34399.172
40539.223	26.069	27.567
29.070	1.019	
11/21/2016 9:45:00 PM	517500.000	65.383
17.070	147.282	34369.766
40504.398	26.044	27.543
29.095	1.019	
11/21/2016 10:00:00 PM	518400.000	65.379
17.070	147.273	34374.754
40510.277	26.048	27.547
29.091	1.019	
11/21/2016 10:15:00 PM	519300.000	65.378
17.070	147.271	34387.730
40525.570	26.059	27.557
29.080	1.019	
11/21/2016 10:30:00 PM	520200.000	65.374
17.070	147.262	34391.289
40530.012	26.062	27.560
29.077	1.019	
11/21/2016 10:45:00 PM	521100.000	65.369
17.070	147.250	34386.746
40524.578	26.059	27.557
29.081	1.019	
11/21/2016 11:00:00 PM	522000.000	65.365
17.069	147.242	34376.922
40513.801	26.051	27.549
29.089	1.019	
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17.070	147.244	34369.766
40504.492	26.044	27.543
29.095	1.019	
11/21/2016 11:30:00 PM	523800.000	65.362
17.070	147.234	34380.473
40517.109	26.053	27.552
29.086	1.019	
11/21/2016 11:45:00 PM	524700.000	65.364
17.071	147.238	34371.418
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29.094	1.019	
11/22/2016 12:00:00 AM	525600.000	65.360
17.070	147.230	34372.910
40508.273	26.047	27.546
29.093	1.019	
11/22/2016 12:15:00 AM	526500.000	65.356
17.070	147.221	34395.801
40535.250	26.066	27.564
29.073	1.019	
11/22/2016 12:30:00 AM	527400.000	65.358

17.070	147.226	34383.359
40520.590	26.056	27.554
29.084	1.019	
11/22/2016 12:45:00 AM	528300.000	65.359
17.071	147.228	34375.953
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29.090	1.019	
11/22/2016 1:00:00 AM	529200.000	65.358
17.070	147.225	34365.883
40500.313	26.041	27.540
29.099	1.019	
11/22/2016 1:15:00 AM	530100.000	65.359
17.070	147.228	34365.762
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29.099	1.019	
11/22/2016 1:30:00 AM	531000.000	65.365
17.070	147.240	34355.559
40488.227	26.033	27.532
29.107	1.019	
11/22/2016 1:45:00 AM	531900.000	65.370
17.070	147.253	34373.805
40509.250	26.048	27.546
29.092	1.019	
11/22/2016 2:00:00 AM	532800.000	65.368
17.069	147.247	34379.945
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29.087	1.019	
11/22/2016 2:15:00 AM	533700.000	65.372
17.070	147.256	34366.977
40501.684	26.042	27.541
29.098	1.019	
11/22/2016 2:30:00 AM	534600.000	65.378
17.069	147.270	34356.227
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29.107	1.019	
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17.069	147.273	34368.043
40503.492	26.043	27.542
29.097	1.019	
11/22/2016 3:00:00 AM	536400.000	65.386
17.070	147.289	34374.676
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29.091	1.019	
11/22/2016 3:15:00 AM	537300.000	65.392
17.070	147.301	34385.074
40523.012	26.057	27.556
29.082	1.019	
11/22/2016 3:30:00 AM	538200.000	65.399
17.069	147.317	34358.844
40492.336	26.036	27.535
29.105	1.019	
11/22/2016 3:45:00 AM	539100.000	65.401
17.069	147.322	34365.742
40500.539	26.041	27.540
29.099	1.019	
11/22/2016 4:00:00 AM	540000.000	65.402
17.069	147.324	34373.129

40509.332	26.048	27.546
29.092	1.019	
11/22/2016 4:15:00 AM	540900.000	65.404
17.070	147.328	34340.406
40470.523	26.020	27.520
29.120	1.019	
11/22/2016 4:30:00 AM	541800.000	65.411
17.069	147.345	34362.266
40496.527	26.038	27.538
29.102	1.019	
11/22/2016 4:45:00 AM	542700.000	65.413
17.069	147.350	34358.004
40491.742	26.035	27.534
29.105	1.019	
11/22/2016 5:00:00 AM	543600.000	65.414
17.069	147.350	34364.930
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29.099	1.019	
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17.069	147.366	34367.527
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17.070	147.376	34371.672
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29.094	1.019	
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40497.828	26.039	27.539
29.101	1.019	
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17.069	147.376	34365.273
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17.070	147.387	34357.801
40491.023	26.035	27.534
29.105	1.019	
11/22/2016 6:30:00 AM	549000.000	65.434
17.070	147.397	34351.965
40483.992	26.030	27.529
29.110	1.019	
11/22/2016 6:45:00 AM	549900.000	65.432
17.069	147.392	34342.582
40473.727	26.022	27.522
29.118	1.019	
11/22/2016 7:00:00 AM	550800.000	65.430
17.069	147.388	34343.414
40474.387	26.023	27.523
29.118	1.019	
11/22/2016 7:15:00 AM	551700.000	65.436
17.070	147.401	34374.188
40509.938	26.048	27.547
29.092	1.019	
11/22/2016 7:30:00 AM	552600.000	65.433
17.069	147.395	34343.836
40474.723	26.023	27.523

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11/22/2016 7:45:00 AM	553500.000	65.433
17.069	147.394	34356.238
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29.107	1.019	
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17.069	147.397	34358.098
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29.105	1.019	
11/22/2016 8:15:00 AM	555300.000	65.427
17.069	147.381	34381.012
40518.535	26.054	27.553
29.086	1.019	
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17.069	147.385	34360.410
40494.738	26.037	27.536
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17.069	147.379	34358.461
40491.887	26.035	27.534
29.105	1.019	
11/22/2016 9:00:00 AM	558000.000	65.426
17.069	147.379	34345.723
40477.520	26.025	27.525
29.116	1.019	
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17.069	147.365	34360.227
40494.520	26.037	27.536
29.103	1.019	
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17.069	147.365	34353.980
40486.840	26.032	27.531
29.109	1.019	
11/22/2016 9:45:00 AM	560700.000	65.417
17.069	147.358	34347.234
40479.051	26.026	27.526
29.114	1.019	
11/22/2016 10:00:00 AM	561600.000	65.412
17.069	147.347	34366.598
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29.098	1.019	
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17.069	147.341	34347.555
40479.031	26.026	27.526
29.114	1.019	
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17.069	147.333	34356.207
40490.109	26.034	27.533
29.107	1.019	
11/22/2016 10:45:00 AM	564300.000	65.404
17.069	147.330	34331.613
40460.320	26.013	27.513
29.128	1.019	
11/22/2016 11:00:00 AM	565200.000	65.393
17.069	147.305	34327.480
40456.172	26.010	27.510
29.131	1.019	

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17.069	147.345	34351.168
40483.602	26.029	27.529
29.111	1.019	
11/22/2016 11:30:00 AM	567000.000	65.391
17.069	147.299	34342.473
40473.688	26.022	27.522
29.118	1.019	
11/22/2016 11:45:00 AM	567900.000	65.389
17.068	147.296	34332.344
40462.145	26.014	27.514
29.127	1.019	
11/22/2016 12:00:00 PM	568800.000	65.386
17.069	147.289	34347.613
40479.898	26.027	27.526
29.114	1.019	
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17.069	147.287	34342.813
40474.242	26.023	27.522
29.118	1.019	
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17.069	147.279	34340.152
40471.105	26.020	27.520
29.120	1.019	
11/22/2016 12:45:00 PM	571500.000	65.379
17.068	147.272	34338.441
40469.332	26.019	27.519
29.122	1.019	
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17.069	147.276	34347.484
40479.504	26.026	27.526
29.114	1.019	
11/22/2016 1:15:00 PM	573300.000	65.376
17.069	147.267	34334.645
40464.461	26.016	27.516
29.125	1.019	
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17.068	147.263	34327.375
40456.695	26.010	27.511
29.131	1.019	
11/22/2016 1:45:00 PM	575100.000	65.375
17.068	147.265	34331.816
40461.441	26.013	27.514
29.128	1.019	
11/22/2016 2:00:00 PM	576000.000	65.375
17.069	147.264	34335.195
40465.113	26.016	27.516
29.125	1.019	
11/22/2016 2:15:00 PM	576900.000	65.375
17.068	147.265	34345.422
40477.477	26.025	27.525
29.116	1.019	
11/22/2016 2:30:00 PM	577800.000	65.374
17.069	147.261	34352.199
40485.305	26.030	27.530
29.110	1.019	
11/22/2016 2:45:00 PM	578700.000	65.375

17.068	147.265	34344.762
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29.117	1.019	
11/22/2016 3:00:00 PM	579600.000	65.377
17.068	147.268	34327.008
40455.773	26.009	27.510
29.132	1.019	
11/22/2016 3:15:00 PM	580500.000	65.378
17.068	147.270	34352.777
40486.391	26.031	27.531
29.110	1.019	
11/22/2016 3:30:00 PM	581400.000	65.375
17.069	147.265	34342.625
40474.105	26.022	27.522
29.118	1.019	
11/22/2016 3:45:00 PM	582300.000	65.384
17.068	147.283	34316.074
40443.535	26.001	27.502
29.141	1.019	
11/22/2016 4:00:00 PM	583200.000	65.380
17.069	147.276	34321.066
40448.531	26.004	27.505
29.137	1.019	
11/22/2016 4:15:00 PM	584100.000	65.381
17.069	147.278	34338.922
40469.656	26.019	27.519
29.121	1.019	
11/22/2016 4:30:00 PM	585000.000	65.387
17.068	147.290	34322.961
40451.090	26.006	27.507
29.135	1.019	
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17.068	147.295	34328.242
40457.551	26.011	27.511
29.131	1.019	
11/22/2016 5:00:00 PM	586800.000	65.390
17.068	147.298	34325.473
40454.211	26.008	27.509
29.133	1.019	
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17.068	147.297	34331.238
40461.246	26.013	27.514
29.128	1.019	
11/22/2016 5:30:00 PM	588600.000	65.388
17.069	147.292	34334.680
40464.656	26.016	27.516
29.125	1.019	
11/22/2016 5:45:00 PM	589500.000	65.393
17.068	147.304	34323.406
40452.328	26.007	27.508
29.135	1.019	
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17.069	147.304	34331.500
40460.910	26.013	27.513
29.128	1.019	
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17.067	147.301	34330.379

40460.637	26.013	27.513
29.129	1.019	
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17.068	147.302	34321.785
40450.023	26.005	27.506
29.136	1.019	
11/22/2016 6:45:00 PM	593100.000	65.388
17.068	147.292	34321.301
40449.133	26.005	27.505
29.136	1.019	
11/22/2016 7:00:00 PM	594000.000	65.389
17.068	147.295	34327.855
40457.020	26.010	27.511
29.131	1.019	
11/22/2016 7:15:00 PM	594900.000	65.386
17.068	147.289	34324.586
40453.164	26.008	27.508
29.134	1.019	
11/22/2016 7:30:00 PM	595800.000	65.381
17.068	147.278	34320.934
40449.262	26.005	27.505
29.137	1.019	
11/22/2016 7:45:00 PM	596700.000	65.380
17.068	147.274	34326.887
40456.195	26.010	27.510
29.132	1.019	
11/22/2016 8:00:00 PM	597600.000	65.380
17.068	147.275	34326.348
40455.719	26.009	27.510
29.132	1.019	
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17.068	147.267	34351.918
40485.215	26.030	27.530
29.110	1.019	
11/22/2016 8:30:00 PM	599400.000	65.374
17.068	147.262	34335.852
40466.684	26.017	27.517
29.124	1.019	
11/22/2016 8:45:00 PM	600300.000	65.368
17.068	147.247	34331.348
40461.688	26.014	27.514
29.128	1.019	
11/22/2016 9:00:00 PM	601200.000	65.368
17.067	147.248	34329.418
40459.504	26.012	27.512
29.130	1.019	
11/22/2016 9:15:00 PM	602100.000	65.350
17.068	147.207	34315.109
40442.398	26.000	27.501
29.142	1.019	
11/22/2016 9:30:00 PM	603000.000	65.353
17.068	147.214	34327.793
40457.023	26.010	27.511
29.131	1.019	
11/22/2016 9:45:00 PM	603900.000	65.352
17.068	147.211	34329.117
40458.906	26.012	27.512

29.130	1.019	
11/22/2016 10:00:00 PM	604800.000	65.348
17.067	147.203	34327.523
40457.430	26.011	27.511
29.131	1.019	
11/22/2016 10:15:00 PM	605700.000	65.341
17.068	147.187	34314.762
40441.512	25.999	27.500
29.142	1.019	
11/22/2016 10:30:00 PM	606600.000	65.341
17.067	147.186	34350.145
40483.934	26.029	27.529
29.112	1.019	
11/22/2016 10:45:00 PM	607500.000	65.334
17.068	147.171	34323.070
40451.695	26.007	27.507
29.135	1.019	
11/22/2016 11:00:00 PM	608400.000	65.331
17.068	147.165	34317.430
40445.207	26.002	27.503
29.140	1.019	
11/22/2016 11:15:00 PM	609300.000	65.325
17.067	147.151	34296.227
40420.387	25.984	27.486
29.158	1.019	
11/22/2016 11:30:00 PM	610200.000	65.318
17.068	147.136	34323.348
40452.262	26.007	27.508
29.135	1.019	
11/22/2016 11:45:00 PM	611100.000	65.318
17.068	147.135	34330.668
40460.813	26.013	27.513
29.128	1.019	
11/23/2016 12:00:00 AM	612000.000	65.317
17.068	147.134	34308.387
40434.148	25.994	27.495
29.147	1.019	
11/23/2016 12:15:00 AM	612900.000	65.312
17.068	147.122	34337.359
40468.539	26.018	27.519
29.123	1.019	
11/23/2016 12:30:00 AM	613800.000	65.314
17.067	147.127	34339.457
40471.648	26.021	27.521
29.121	1.019	
11/23/2016 12:45:00 AM	614700.000	65.314
17.067	147.126	34332.441
40463.227	26.015	27.515
29.127	1.019	
11/23/2016 1:00:00 AM	615600.000	65.312
17.067	147.121	34326.266
40455.789	26.009	27.510
29.132	1.019	
11/23/2016 1:15:00 AM	616500.000	65.313
17.068	147.123	34337.695
40469.094	26.019	27.519
29.123	1.019	

11/23/2016 1:30:00 AM	617400.000	65.312
17.067	147.122	34329.727
40459.867	26.012	27.513
29.129	1.019	
11/23/2016 1:45:00 AM	618300.000	65.314
17.067	147.126	34327.461
40457.199	26.010	27.511
29.131	1.019	
11/23/2016 2:00:00 AM	619200.000	65.315
17.068	147.128	34336.910
40468.246	26.018	27.518
29.123	1.019	
11/23/2016 2:15:00 AM	620100.000	65.315
17.067	147.129	34310.016
40436.707	25.996	27.497
29.146	1.019	
11/23/2016 2:30:00 AM	621000.000	65.323
17.067	147.145	34289.824
40412.840	25.979	27.481
29.163	1.019	
11/23/2016 2:45:00 AM	621900.000	65.320
17.067	147.139	34329.176
40459.219	26.012	27.512
29.130	1.019	
11/23/2016 3:00:00 AM	622800.000	65.326
17.067	147.154	34305.746
40431.996	25.992	27.494
29.150	1.019	
11/23/2016 3:15:00 AM	623700.000	65.326
17.067	147.153	34330.059
40460.262	26.013	27.513
29.129	1.019	
11/23/2016 3:30:00 AM	624600.000	65.330
17.067	147.163	34315.012
40442.996	26.000	27.501
29.142	1.019	
11/23/2016 3:45:00 AM	625500.000	65.332
17.067	147.167	34287.012
40409.840	25.977	27.479
29.166	1.019	
11/23/2016 4:00:00 AM	626400.000	65.336
17.067	147.176	34342.043
40474.453	26.023	27.523
29.119	1.019	
11/23/2016 4:15:00 AM	627300.000	65.341
17.068	147.187	34319.852
40448.063	26.004	27.505
29.138	1.019	
11/23/2016 4:30:00 AM	628200.000	65.345
17.068	147.196	34301.598
40426.625	25.989	27.490
29.153	1.019	
11/23/2016 4:45:00 AM	629100.000	65.347
17.068	147.201	34293.402
40416.891	25.982	27.483
29.160	1.019	
11/23/2016 5:00:00 AM	630000.000	65.354

17.067	147.216	34317.660
40445.648	26.002	27.503
29.140	1.019	
11/23/2016 5:15:00 AM	630900.000	65.358
17.067	147.225	34315.293
40443.246	26.000	27.501
29.142	1.019	
11/23/2016 5:30:00 AM	631800.000	65.360
17.067	147.230	34328.648
40458.668	26.011	27.512
29.130	1.019	
11/23/2016 5:45:00 AM	632700.000	65.364
17.067	147.238	34302.449
40427.879	25.990	27.491
29.152	1.019	
11/23/2016 6:00:00 AM	633600.000	65.365
17.068	147.240	34316.656
40444.297	26.001	27.502
29.140	1.019	
11/23/2016 6:15:00 AM	634500.000	65.368
17.066	147.248	34333.629
40465.504	26.016	27.517
29.126	1.019	
11/23/2016 6:30:00 AM	635400.000	65.372
17.067	147.256	34309.914
40436.832	25.996	27.497
29.146	1.019	
11/23/2016 6:45:00 AM	636300.000	65.374
17.067	147.260	34321.871
40450.770	26.006	27.507
29.136	1.019	
11/23/2016 7:00:00 AM	637200.000	65.374
17.067	147.260	34304.176
40430.066	25.991	27.492
29.151	1.019	
11/23/2016 7:15:00 AM	638100.000	65.375
17.067	147.263	34305.016
40430.813	25.992	27.493
29.150	1.019	
11/23/2016 7:30:00 AM	639000.000	65.372
17.067	147.257	34303.039
40428.574	25.990	27.491
29.152	1.019	
11/23/2016 7:45:00 AM	639900.000	65.379
17.067	147.273	34308.848
40435.734	25.995	27.496
29.147	1.019	
11/23/2016 8:00:00 AM	640800.000	65.373
17.067	147.259	34331.664
40462.383	26.014	27.514
29.128	1.019	
11/23/2016 8:15:00 AM	641700.000	65.374
17.068	147.262	34307.484
40433.488	25.994	27.495
29.148	1.019	
11/23/2016 8:30:00 AM	642600.000	65.374
17.067	147.261	34328.832

40459.043	26.012	27.512
29.130	1.019	
11/23/2016 8:45:00 AM	643500.000	65.374
17.068	147.260	34312.203
40438.973	25.997	27.499
29.144	1.019	
11/23/2016 9:00:00 AM	644400.000	65.370
17.067	147.252	34300.262
40425.531	25.988	27.489
29.154	1.019	
11/23/2016 9:15:00 AM	645300.000	65.365
17.067	147.240	34306.379
40432.824	25.993	27.494
29.149	1.019	
11/23/2016 9:30:00 AM	646200.000	65.359
17.068	147.228	34330.648
40460.863	26.013	27.513
29.128	1.019	
11/23/2016 9:45:00 AM	647100.000	65.359
17.067	147.228	34297.371
40422.285	25.986	27.487
29.157	1.019	
11/23/2016 10:00:00 AM	648000.000	65.357
17.067	147.223	34316.977
40445.070	26.002	27.503
29.140	1.019	
11/23/2016 10:15:00 AM	648900.000	65.354
17.067	147.215	34315.145
40442.844	26.000	27.501
29.142	1.019	
11/23/2016 10:30:00 AM	649800.000	65.351
17.066	147.209	34292.668
40417.297	25.982	27.484
29.161	1.019	
11/23/2016 10:45:00 AM	650700.000	65.339
17.067	147.183	34334.094
40465.176	26.016	27.516
29.126	1.019	
11/23/2016 11:00:00 AM	651600.000	65.340
17.067	147.185	34303.730
40429.945	25.991	27.492
29.151	1.019	
11/23/2016 11:15:00 AM	652500.000	65.339
17.066	147.183	34307.160
40434.215	25.994	27.495
29.148	1.019	
11/23/2016 11:30:00 AM	653400.000	65.330
17.067	147.162	34317.520
40445.551	26.002	27.503
29.140	1.019	
11/23/2016 11:45:00 AM	654300.000	65.329
17.067	147.161	34294.555
40418.730	25.983	27.485
29.159	1.019	
11/23/2016 12:00:00 PM	655200.000	65.323
17.067	147.147	34325.969
40455.508	26.009	27.510

29.132	1.019	
11/23/2016 12:15:00 PM	656100.000	65.319
17.068	147.138	34323.855
40452.621	26.007	27.508
29.134	1.019	
11/23/2016 12:30:00 PM	657000.000	65.317
17.067	147.132	34316.887
40445.367	26.002	27.503
29.140	1.019	
11/23/2016 12:45:00 PM	657900.000	65.310
17.067	147.116	34305.832
40432.098	25.993	27.494
29.150	1.019	
11/23/2016 1:00:00 PM	658800.000	65.307
17.067	147.110	34318.934
40447.215	26.003	27.504
29.138	1.019	
11/23/2016 1:15:00 PM	659700.000	65.305
17.067	147.105	34313.840
40441.215	25.999	27.500
29.143	1.019	
11/23/2016 1:30:00 PM	660600.000	65.303
17.067	147.102	34320.785
40449.488	26.005	27.506
29.137	1.019	
11/23/2016 1:45:00 PM	661500.000	65.300
17.067	147.095	34313.242
40440.832	25.999	27.500
29.143	1.019	
11/23/2016 2:00:00 PM	662400.000	65.298
17.066	147.090	34323.582
40453.504	26.008	27.508
29.134	1.019	
11/23/2016 2:15:00 PM	663300.000	65.296
17.068	147.085	34316.855
40444.531	26.001	27.502
29.140	1.019	
11/23/2016 2:30:00 PM	664200.000	65.299
17.067	147.092	34303.020
40428.863	25.990	27.492
29.152	1.019	
11/23/2016 2:45:00 PM	665100.000	65.298
17.068	147.090	34310.008
40436.539	25.996	27.497
29.146	1.019	
11/23/2016 3:00:00 PM	666000.000	65.298
17.068	147.089	34306.871
40432.840	25.993	27.494
29.149	1.019	
11/23/2016 3:15:00 PM	666900.000	65.298
17.067	147.090	34321.359
40450.074	26.005	27.506
29.136	1.019	
11/23/2016 3:30:00 PM	667800.000	65.299
17.068	147.092	34335.129
40465.992	26.017	27.517
29.125	1.019	

11/23/2016 3:45:00 PM	668700.000	65.299
17.067	147.092	34309.336
40436.621	25.996	27.497
29.147	1.019	
11/23/2016 4:00:00 PM	669600.000	65.303
17.068	147.102	34317.348
40445.035	26.002	27.503
29.140	1.019	
11/23/2016 4:15:00 PM	670500.000	65.300
17.068	147.095	34319.660
40447.914	26.004	27.505
29.138	1.019	
11/23/2016 4:30:00 PM	671400.000	65.303
17.067	147.101	34298.516
40423.801	25.987	27.488
29.156	1.019	
11/23/2016 4:45:00 PM	672300.000	65.310
17.067	147.118	34311.773
40439.340	25.998	27.499
29.145	1.019	
11/23/2016 5:00:00 PM	673200.000	65.305
17.067	147.107	34324.785
40454.516	26.008	27.509
29.133	1.019	
11/23/2016 5:15:00 PM	674100.000	65.308
17.067	147.113	34296.625
40421.328	25.985	27.487
29.157	1.019	
11/23/2016 5:30:00 PM	675000.000	65.316
17.067	147.131	34294.523
40419.012	25.983	27.485
29.159	1.019	
11/23/2016 5:45:00 PM	675900.000	65.311
17.068	147.119	34335.871
40466.625	26.017	27.517
29.124	1.019	
11/23/2016 6:00:00 PM	676800.000	65.313
17.068	147.125	34311.582
40438.395	25.997	27.498
29.145	1.019	
11/23/2016 6:15:00 PM	677700.000	65.320
17.067	147.140	34323.715
40452.852	26.007	27.508
29.134	1.019	
11/23/2016 6:30:00 PM	678600.000	65.317
17.067	147.134	34315.539
40443.148	26.000	27.501
29.141	1.019	
11/23/2016 6:45:00 PM	679500.000	65.327
17.067	147.155	34328.402
40458.469	26.011	27.512
29.130	1.019	
11/23/2016 7:00:00 PM	680400.000	65.319
17.067	147.137	34326.578
40456.629	26.010	27.511
29.132	1.019	
11/23/2016 7:15:00 PM	681300.000	65.325

17.067	147.150	34311.945
40438.980	25.997	27.499
29.144	1.019	
11/23/2016 7:30:00 PM	682200.000	65.327
17.068	147.156	34322.465
40450.984	26.006	27.507
29.135	1.019	
11/23/2016 7:45:00 PM	683100.000	65.321
17.067	147.141	34314.621
40442.133	26.000	27.501
29.142	1.019	
11/23/2016 8:00:00 PM	684000.000	65.325
17.068	147.150	34320.387
40448.293	26.004	27.505
29.137	1.019	
11/23/2016 8:15:00 PM	684900.000	65.323
17.067	147.147	34310.730
40437.480	25.996	27.497
29.145	1.019	
11/23/2016 8:30:00 PM	685800.000	65.322
17.067	147.143	34309.793
40436.605	25.996	27.497
29.146	1.019	
11/23/2016 8:45:00 PM	686700.000	65.317
17.068	147.133	34321.766
40450.320	26.006	27.506
29.136	1.019	
11/23/2016 9:00:00 PM	687600.000	65.325
17.067	147.150	34321.008
40449.594	26.005	27.506
29.137	1.019	
11/23/2016 9:15:00 PM	688500.000	65.314
17.068	147.127	34313.699
40440.813	25.999	27.500
29.143	1.019	
11/23/2016 9:30:00 PM	689400.000	65.315
17.067	147.128	34299.719
40424.504	25.987	27.489
29.155	1.019	
11/23/2016 9:45:00 PM	690300.000	65.313
17.068	147.125	34334.430
40465.320	26.016	27.516
29.125	1.019	
11/23/2016 10:00:00 PM	691200.000	65.310
17.068	147.116	34328.375
40458.109	26.011	27.512
29.130	1.019	
11/23/2016 10:15:00 PM	692100.000	65.309
17.067	147.115	34300.535
40425.531	25.988	27.489
29.154	1.019	
11/23/2016 10:30:00 PM	693000.000	65.308
17.067	147.113	34333.977
40464.945	26.016	27.516
29.126	1.019	
11/23/2016 10:45:00 PM	693900.000	65.298
17.068	147.091	34327.387

40456.867	26.010	27.511
29.131	1.019	
11/23/2016 11:00:00 PM	694800.000	65.296
17.068	147.085	34317.535
40445.172	26.002	27.503
29.140	1.019	
11/23/2016 11:15:00 PM	695700.000	65.296
17.068	147.085	34333.848
40464.004	26.015	27.516
29.126	1.019	
11/23/2016 11:30:00 PM	696600.000	65.286
17.068	147.062	34332.879
40462.863	26.014	27.515
29.127	1.019	
11/23/2016 11:45:00 PM	697500.000	65.284
17.068	147.058	34313.367
40440.496	25.999	27.500
29.143	1.019	

Report Date: 11/28/2016 8:33:08 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_2016-11-24_15-13-06-650.wsl
Create Date: 11/24/2016 3:13:03 PM

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: 836

Sensors: 1

1 - 396211: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time		SN#: 396211	SN#: 396211
SN#: 396211		SN#: 396211	SN#: 396211
SN#: 396211		SN#: 396211	SN#: 396211
SN#: 396211		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)			
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11/17/2016 12:00:00 AM	93600.000		19.158
17.113	43.156		34060.762
40102.172	25.760		27.269
29.359	1.018		
11/17/2016 12:15:00 AM	94500.000		19.159
17.112	43.158		34016.777
40050.527	25.723		27.234
29.397	1.018		
11/17/2016 12:30:00 AM	95400.000		19.153
17.112	43.143		34021.848
40057.063	25.728		27.239
29.393	1.018		
11/17/2016 12:45:00 AM	96300.000		19.157
17.112	43.152		34044.355
40083.324	25.747		27.257
29.373	1.018		
11/17/2016 1:00:00 AM	97200.000		19.160
17.111	43.160		33989.773
40019.609	25.701		27.213
29.421	1.018		
11/17/2016 1:15:00 AM	98100.000		19.156
17.111	43.151		34036.406
40074.762	25.740		27.251
29.380	1.018		
11/17/2016 1:30:00 AM	99000.000		19.154
17.112	43.147		34022.180
40056.891	25.728		27.239

29.393	1.018	
11/17/2016 1:45:00 AM	99900.000	19.155
17.112	43.148	34044.820
40084.113	25.747	27.257
29.373	1.018	
11/17/2016 2:00:00 AM	100800.000	19.162
17.111	43.164	34025.156
40062.066	25.731	27.242
29.390	1.018	
11/17/2016 2:15:00 AM	101700.000	19.162
17.110	43.164	34053.918
40096.246	25.756	27.265
29.365	1.018	
11/17/2016 2:30:00 AM	102600.000	19.155
17.110	43.148	34032.238
40070.719	25.738	27.248
29.384	1.018	
11/17/2016 2:45:00 AM	103500.000	19.159
17.108	43.158	34022.695
40061.465	25.731	27.242
29.392	1.018	
11/17/2016 3:00:00 AM	104400.000	19.160
17.109	43.160	34037.777
40077.875	25.743	27.253
29.379	1.018	
11/17/2016 3:15:00 AM	105300.000	19.160
17.108	43.159	34032.031
40072.531	25.739	27.249
29.384	1.018	
11/17/2016 3:30:00 AM	106200.000	19.161
17.107	43.162	34066.684
40113.887	25.768	27.277
29.354	1.018	
11/17/2016 3:45:00 AM	107100.000	19.168
17.106	43.178	34025.559
40066.727	25.734	27.245
29.390	1.018	
11/17/2016 4:00:00 AM	108000.000	19.162
17.106	43.164	34043.379
40087.477	25.749	27.259
29.374	1.018	
11/17/2016 4:15:00 AM	108900.000	19.168
17.106	43.177	34060.930
40108.461	25.764	27.274
29.359	1.018	
11/17/2016 4:30:00 AM	109800.000	19.161
17.105	43.162	34035.961
40079.773	25.744	27.254
29.381	1.018	
11/17/2016 4:45:00 AM	110700.000	19.159
17.104	43.157	34065.660
40115.613	25.769	27.279
29.355	1.018	
11/17/2016 5:00:00 AM	111600.000	19.163
17.102	43.167	34053.051
40102.266	25.760	27.270
29.366	1.018	

11/17/2016 5:15:00 AM	112500.000	19.163
17.102	43.166	34038.465
40085.086	25.747	27.258
29.379	1.018	
11/17/2016 5:30:00 AM	113400.000	19.162
17.101	43.164	34046.852
40096.230	25.755	27.265
29.371	1.018	
11/17/2016 5:45:00 AM	114300.000	19.166
17.101	43.174	34064.543
40117.148	25.770	27.280
29.356	1.018	
11/17/2016 6:00:00 AM	115200.000	19.161
17.099	43.163	34103.406
40164.813	25.804	27.312
29.323	1.018	
11/17/2016 6:15:00 AM	116100.000	19.163
17.100	43.166	34090.223
40148.180	25.792	27.301
29.334	1.018	
11/17/2016 6:30:00 AM	117000.000	19.163
17.099	43.167	34063.809
40117.711	25.770	27.280
29.357	1.018	
11/17/2016 6:45:00 AM	117900.000	19.166
17.099	43.173	34090.203
40149.352	25.793	27.302
29.334	1.018	
11/17/2016 7:00:00 AM	118800.000	19.162
17.098	43.164	34110.520
40174.066	25.810	27.318
29.316	1.018	
11/17/2016 7:15:00 AM	119700.000	19.167
17.097	43.176	34055.809
40110.262	25.765	27.275
29.364	1.018	
11/17/2016 7:30:00 AM	120600.000	19.159
17.097	43.157	34075.891
40134.070	25.782	27.291
29.346	1.018	
11/17/2016 7:45:00 AM	121500.000	19.163
17.095	43.167	34082.301
40143.125	25.788	27.297
29.341	1.018	
11/17/2016 8:00:00 AM	122400.000	19.165
17.096	43.171	34080.242
40140.473	25.786	27.296
29.343	1.018	
11/17/2016 8:15:00 AM	123300.000	19.164
17.094	43.169	34138.668
40210.473	25.836	27.343
29.292	1.018	
11/17/2016 8:30:00 AM	124200.000	19.166
17.097	43.174	34087.238
40147.438	25.791	27.300
29.336	1.018	
11/17/2016 8:45:00 AM	125100.000	19.162

17.094	43.164	34082.777
40145.195	25.790	27.299
29.340	1.018	
11/17/2016 9:00:00 AM	126000.000	19.165
17.095	43.171	34108.875
40175.074	25.811	27.319
29.318	1.018	
11/17/2016 9:15:00 AM	126900.000	19.164
17.094	43.169	34119.281
40187.715	25.820	27.328
29.309	1.018	
11/17/2016 9:30:00 AM	127800.000	19.169
17.093	43.181	34126.574
40197.023	25.827	27.334
29.303	1.018	
11/17/2016 9:45:00 AM	128700.000	19.170
17.093	43.182	34147.375
40221.918	25.844	27.351
29.285	1.018	
11/17/2016 10:00:00 AM	129600.000	19.165
17.092	43.172	34083.746
40148.078	25.792	27.301
29.339	1.018	
11/17/2016 10:15:00 AM	130500.000	19.168
17.091	43.177	34142.551
40217.504	25.841	27.348
29.289	1.018	
11/17/2016 10:30:00 AM	131400.000	19.165
17.090	43.172	34123.414
40196.391	25.826	27.334
29.305	1.018	
11/17/2016 10:45:00 AM	132300.000	19.168
17.091	43.178	34137.672
40211.996	25.837	27.344
29.293	1.018	
11/17/2016 11:00:00 AM	133200.000	19.166
17.091	43.174	34123.441
40195.625	25.825	27.333
29.305	1.018	
11/17/2016 11:15:00 AM	134100.000	19.170
17.090	43.182	34106.652
40176.809	25.812	27.320
29.320	1.018	
11/17/2016 11:30:00 AM	135000.000	19.167
17.088	43.176	34126.828
40202.559	25.830	27.338
29.302	1.018	
11/17/2016 11:45:00 AM	135900.000	19.167
17.087	43.175	34152.074
40232.617	25.852	27.358
29.281	1.018	
11/17/2016 12:00:00 PM	136800.000	19.169
17.089	43.180	34127.184
40202.102	25.830	27.337
29.302	1.018	
11/17/2016 12:15:00 PM	137700.000	19.171
17.087	43.184	34131.395

40208.332	25.834	27.342
29.299	1.018	
11/17/2016 12:30:00 PM	138600.000	19.168
17.085	43.178	34147.941
40229.344	25.849	27.356
29.284	1.018	
11/17/2016 12:45:00 PM	139500.000	19.173
17.085	43.188	34155.949
40238.777	25.856	27.362
29.277	1.018	
11/17/2016 1:00:00 PM	140400.000	19.168
17.085	43.179	34169.266
40254.621	25.867	27.373
29.266	1.019	
11/17/2016 1:15:00 PM	141300.000	19.170
17.086	43.182	34144.188
40224.516	25.846	27.353
29.288	1.018	
11/17/2016 1:30:00 PM	142200.000	19.169
17.087	43.180	34187.727
40274.461	25.881	27.387
29.250	1.019	
11/17/2016 1:45:00 PM	143100.000	19.173
17.087	43.188	34179.887
40265.609	25.875	27.381
29.257	1.019	
11/17/2016 2:00:00 PM	144000.000	19.172
17.088	43.187	34123.770
40198.867	25.828	27.335
29.305	1.018	
11/17/2016 2:15:00 PM	144900.000	19.175
17.089	43.194	34158.438
40238.602	25.856	27.362
29.275	1.018	
11/17/2016 2:30:00 PM	145800.000	19.173
17.090	43.188	34156.652
40235.387	25.854	27.360
29.277	1.018	
11/17/2016 2:45:00 PM	146700.000	19.176
17.089	43.195	34155.359
40234.734	25.853	27.360
29.278	1.018	
11/17/2016 3:00:00 PM	147600.000	19.173
17.088	43.189	34163.137
40245.332	25.861	27.367
29.271	1.018	
11/17/2016 3:15:00 PM	148500.000	19.174
17.090	43.192	34182.785
40266.566	25.876	27.381
29.254	1.019	
11/17/2016 3:30:00 PM	149400.000	19.172
17.090	43.186	34192.852
40277.953	25.884	27.389
29.246	1.019	
11/17/2016 3:45:00 PM	150300.000	19.176
17.091	43.195	34176.895
40258.680	25.870	27.376

29.260	1.019	
11/17/2016 4:00:00 PM	151200.000	19.177
17.091	43.199	34174.617
40255.836	25.868	27.374
29.261	1.019	
11/17/2016 4:15:00 PM	152100.000	19.177
17.091	43.198	34182.387
40265.227	25.875	27.380
29.255	1.019	
11/17/2016 4:30:00 PM	153000.000	19.174
17.089	43.192	34210.797
40300.441	25.900	27.404
29.231	1.019	
11/17/2016 4:45:00 PM	153900.000	19.171
17.092	43.184	34187.965
40270.926	25.879	27.384
29.250	1.019	
11/17/2016 5:00:00 PM	154800.000	19.176
17.091	43.195	34205.160
40291.344	25.894	27.398
29.235	1.019	
11/17/2016 5:15:00 PM	155700.000	19.177
17.091	43.198	34240.398
40333.082	25.923	27.426
29.205	1.019	
11/17/2016 5:30:00 PM	156600.000	19.173
17.089	43.189	34193.590
40280.012	25.885	27.390
29.245	1.019	
11/17/2016 5:45:00 PM	157500.000	19.175
17.091	43.194	34237.168
40329.117	25.920	27.424
29.208	1.019	
11/17/2016 6:00:00 PM	158400.000	19.177
17.090	43.197	34210.547
40299.270	25.899	27.404
29.231	1.019	
11/17/2016 6:15:00 PM	159300.000	19.178
17.091	43.200	34228.438
40319.152	25.913	27.417
29.215	1.019	
11/17/2016 6:30:00 PM	160200.000	19.178
17.091	43.200	34227.355
40318.195	25.913	27.416
29.216	1.019	
11/17/2016 6:45:00 PM	161100.000	19.175
17.090	43.193	34191.414
40276.492	25.883	27.388
29.247	1.019	
11/17/2016 7:00:00 PM	162000.000	19.179
17.089	43.203	34189.547
40274.938	25.882	27.387
29.249	1.019	
11/17/2016 7:15:00 PM	162900.000	19.178
17.091	43.200	34207.305
40294.578	25.896	27.400
29.234	1.019	

11/17/2016 7:30:00 PM	163800.000	19.178
17.093	43.200	34232.949
40322.633	25.916	27.419
29.212	1.019	
11/17/2016 7:45:00 PM	164700.000	19.181
17.098	43.206	34237.258
40323.016	25.916	27.420
29.208	1.019	
11/17/2016 8:00:00 PM	165600.000	19.180
17.104	43.205	34239.410
40320.703	25.915	27.418
29.206	1.019	
11/17/2016 8:15:00 PM	166500.000	19.182
17.110	43.209	34224.184
40296.801	25.898	27.402
29.219	1.019	
11/17/2016 8:30:00 PM	167400.000	19.179
17.113	43.202	34219.438
40288.910	25.893	27.396
29.223	1.019	
11/17/2016 8:45:00 PM	168300.000	19.179
17.116	43.203	34205.273
40269.602	25.879	27.383
29.235	1.019	
11/17/2016 9:00:00 PM	169200.000	19.182
17.116	43.209	34178.457
40237.570	25.856	27.362
29.258	1.018	
11/17/2016 9:15:00 PM	170100.000	19.177
17.118	43.198	34183.305
40241.758	25.859	27.364
29.254	1.018	
11/17/2016 9:30:00 PM	171000.000	19.183
17.117	43.211	34163.063
40218.242	25.843	27.348
29.271	1.018	
11/17/2016 9:45:00 PM	171900.000	19.183
17.119	43.212	34170.766
40226.285	25.849	27.354
29.265	1.018	
11/17/2016 10:00:00 PM	172800.000	19.180
17.118	43.205	34163.918
40218.461	25.843	27.349
29.271	1.018	
11/17/2016 10:15:00 PM	173700.000	19.183
17.118	43.211	34101.754
40145.754	25.791	27.299
29.324	1.018	
11/17/2016 10:30:00 PM	174600.000	19.180
17.117	43.204	34132.895
40182.969	25.818	27.324
29.297	1.018	
11/17/2016 10:45:00 PM	175500.000	19.179
17.117	43.203	34103.203
40147.773	25.793	27.300
29.323	1.018	
11/17/2016 11:00:00 PM	176400.000	19.181

17.116	43.206	34098.410
40143.164	25.789	27.297
29.327	1.018	
11/17/2016 11:15:00 PM	177300.000	19.181
17.117	43.207	34097.375
40141.633	25.788	27.296
29.328	1.018	
11/17/2016 11:30:00 PM	178200.000	19.186
17.116	43.218	34115.023
40162.723	25.803	27.311
29.313	1.018	
11/17/2016 11:45:00 PM	179100.000	19.188
17.116	43.224	34078.195
40119.691	25.773	27.281
29.344	1.018	
11/18/2016 12:00:00 AM	180000.000	19.183
17.116	43.212	34086.988
40129.719	25.780	27.288
29.337	1.018	
11/18/2016 12:15:00 AM	180900.000	19.187
17.116	43.221	34061.789
40099.984	25.759	27.268
29.358	1.018	
11/18/2016 12:30:00 AM	181800.000	19.185
17.116	43.217	34036.707
40070.523	25.738	27.248
29.380	1.018	
11/18/2016 12:45:00 AM	182700.000	19.187
17.116	43.221	34081.602
40123.375	25.775	27.284
29.341	1.018	
11/18/2016 1:00:00 AM	183600.000	19.188
17.116	43.224	34029.934
40062.480	25.732	27.242
29.386	1.018	
11/18/2016 1:15:00 AM	184500.000	19.191
17.116	43.229	34048.484
40084.469	25.748	27.257
29.370	1.018	
11/18/2016 1:30:00 AM	185400.000	19.188
17.117	43.223	34013.918
40043.379	25.718	27.229
29.400	1.018	
11/18/2016 1:45:00 AM	186300.000	19.186
17.116	43.218	34015.867
40046.613	25.721	27.232
29.398	1.018	
11/18/2016 2:00:00 AM	187200.000	19.185
17.117	43.217	33990.770
40015.344	25.698	27.210
29.420	1.018	
11/18/2016 2:15:00 AM	188100.000	19.190
17.116	43.228	33992.828
40019.348	25.701	27.213
29.418	1.018	
11/18/2016 2:30:00 AM	189000.000	19.189
17.116	43.225	33999.113

40026.430	25.706	27.218
29.413	1.018	
11/18/2016 2:45:00 AM	189900.000	19.190
17.115	43.227	34020.734
40052.508	25.725	27.236
29.394	1.018	
11/18/2016 3:00:00 AM	190800.000	19.191
17.116	43.230	34020.602
40051.645	25.724	27.235
29.394	1.018	
11/18/2016 3:15:00 AM	191700.000	19.186
17.115	43.219	34010.863
40040.969	25.717	27.228
29.402	1.018	
11/18/2016 3:30:00 AM	192600.000	19.187
17.116	43.220	34018.305
40049.484	25.723	27.234
29.396	1.018	
11/18/2016 3:45:00 AM	193500.000	19.190
17.114	43.227	33999.027
40028.066	25.707	27.219
29.413	1.018	
11/18/2016 4:00:00 AM	194400.000	19.189
17.114	43.224	34005.180
40035.309	25.713	27.224
29.407	1.018	
11/18/2016 4:15:00 AM	195300.000	19.188
17.114	43.222	33991.883
40019.965	25.702	27.214
29.419	1.018	
11/18/2016 4:30:00 AM	196200.000	19.190
17.114	43.228	33998.988
40027.707	25.707	27.219
29.413	1.018	
11/18/2016 4:45:00 AM	197100.000	19.188
17.113	43.223	34019.602
40052.996	25.725	27.236
29.395	1.018	
11/18/2016 5:00:00 AM	198000.000	19.190
17.113	43.228	34009.320
40041.125	25.717	27.228
29.404	1.018	
11/18/2016 5:15:00 AM	198900.000	19.195
17.112	43.238	33984.395
40012.965	25.697	27.209
29.425	1.018	
11/18/2016 5:30:00 AM	199800.000	19.192
17.112	43.231	34038.004
40076.238	25.742	27.252
29.379	1.018	
11/18/2016 5:45:00 AM	200700.000	19.192
17.113	43.233	34005.781
40037.047	25.714	27.225
29.407	1.018	
11/18/2016 6:00:00 AM	201600.000	19.194
17.110	43.237	34041.098
40081.227	25.745	27.255

29.376	1.018	
11/18/2016 6:15:00 AM	202500.000	19.188
17.110	43.222	34069.410
40115.039	25.769	27.278
29.352	1.018	
11/18/2016 6:30:00 AM	203400.000	19.189
17.109	43.225	34002.199
40036.211	25.713	27.225
29.410	1.018	
11/18/2016 6:45:00 AM	204300.000	19.190
17.108	43.227	34008.656
40044.684	25.719	27.230
29.404	1.018	
11/18/2016 7:00:00 AM	205200.000	19.188
17.108	43.223	34023.969
40063.195	25.732	27.243
29.391	1.018	
11/18/2016 7:15:00 AM	206100.000	19.190
17.109	43.228	34034.961
40075.430	25.741	27.251
29.382	1.018	
11/18/2016 7:30:00 AM	207000.000	19.195
17.106	43.238	34015.250
40054.352	25.726	27.237
29.399	1.018	
11/18/2016 7:45:00 AM	207900.000	19.190
17.106	43.228	34035.164
40077.563	25.742	27.253
29.381	1.018	
11/18/2016 8:00:00 AM	208800.000	19.190
17.105	43.228	34043.703
40088.566	25.750	27.260
29.374	1.018	
11/18/2016 8:15:00 AM	209700.000	19.189
17.106	43.226	34041.430
40085.340	25.748	27.258
29.376	1.018	
11/18/2016 8:30:00 AM	210600.000	19.194
17.106	43.236	34025.563
40066.656	25.734	27.245
29.390	1.018	
11/18/2016 8:45:00 AM	211500.000	19.188
17.106	43.222	34053.770
40100.262	25.758	27.268
29.365	1.018	
11/18/2016 9:00:00 AM	212400.000	19.191
17.108	43.230	34052.906
40097.195	25.756	27.266
29.366	1.018	
11/18/2016 9:15:00 AM	213300.000	19.188
17.106	43.223	34051.035
40096.809	25.756	27.266
29.368	1.018	
11/18/2016 9:30:00 AM	214200.000	19.188
17.108	43.223	34019.750
40058.313	25.729	27.240
29.395	1.018	

11/18/2016 9:45:00 AM	215100.000	19.189
17.108	43.225	34075.789
40123.824	25.775	27.284
29.346	1.018	
11/18/2016 10:00:00 AM	216000.000	19.186
17.109	43.219	34060.258
40104.820	25.762	27.271
29.360	1.018	
11/18/2016 10:15:00 AM	216900.000	19.189
17.107	43.226	34091.652
40143.527	25.789	27.298
29.333	1.018	
11/18/2016 10:30:00 AM	217800.000	19.191
17.107	43.230	34045.340
40088.914	25.750	27.260
29.373	1.018	
11/18/2016 10:45:00 AM	218700.000	19.187
17.106	43.221	34070.969
40119.723	25.772	27.281
29.351	1.018	
11/18/2016 11:00:00 AM	219600.000	19.188
17.109	43.223	34043.129
40084.176	25.747	27.257
29.375	1.018	
11/18/2016 11:15:00 AM	220500.000	19.191
17.108	43.229	34093.176
40144.297	25.790	27.298
29.331	1.018	
11/18/2016 11:30:00 AM	221400.000	19.191
17.107	43.230	34028.637
40069.719	25.737	27.247
29.387	1.018	
11/18/2016 11:45:00 AM	222300.000	19.191
17.107	43.230	34059.348
40105.164	25.762	27.272
29.361	1.018	
11/18/2016 12:00:00 PM	223200.000	19.192
17.108	43.232	34069.352
40116.633	25.770	27.279
29.352	1.018	
11/18/2016 12:15:00 PM	224100.000	19.190
17.107	43.227	34103.430
40157.070	25.799	27.307
29.323	1.018	
11/18/2016 12:30:00 PM	225000.000	19.191
17.108	43.229	34088.230
40138.629	25.786	27.294
29.336	1.018	
11/18/2016 12:45:00 PM	225900.000	19.189
17.108	43.225	34032.867
40073.516	25.739	27.250
29.383	1.018	
11/18/2016 1:00:00 PM	226800.000	19.190
17.106	43.228	34076.879
40127.242	25.777	27.287
29.345	1.018	
11/18/2016 1:15:00 PM	227700.000	19.189

17.106	43.226	34042.004
40085.855	25.748	27.258
29.375	1.018	
11/18/2016 1:30:00 PM	228600.000	19.193
17.103	43.234	34051.516
40099.508	25.758	27.268
29.367	1.018	
11/18/2016 1:45:00 PM	229500.000	19.194
17.105	43.236	34041.629
40086.281	25.748	27.259
29.376	1.018	
11/18/2016 2:00:00 PM	230400.000	19.191
17.105	43.229	34092.395
40146.547	25.791	27.300
29.332	1.018	
11/18/2016 2:15:00 PM	231300.000	19.187
17.104	43.221	34108.301
40166.059	25.805	27.313
29.318	1.018	
11/18/2016 2:30:00 PM	232200.000	19.189
17.102	43.226	34088.305
40144.176	25.789	27.298
29.336	1.018	
11/18/2016 2:45:00 PM	233100.000	19.192
17.102	43.232	34095.176
40152.266	25.795	27.304
29.330	1.018	
11/18/2016 3:00:00 PM	234000.000	19.193
17.101	43.233	34077.711
40132.820	25.781	27.290
29.345	1.018	
11/18/2016 3:15:00 PM	234900.000	19.193
17.099	43.233	34058.145
40110.879	25.766	27.275
29.362	1.018	
11/18/2016 3:30:00 PM	235800.000	19.196
17.100	43.242	34087.160
40144.492	25.789	27.298
29.337	1.018	
11/18/2016 3:45:00 PM	236700.000	19.192
17.099	43.231	34060.777
40114.855	25.768	27.278
29.359	1.018	
11/18/2016 4:00:00 PM	237600.000	19.196
17.098	43.242	34087.074
40146.293	25.791	27.299
29.337	1.018	
11/18/2016 4:15:00 PM	238500.000	19.196
17.100	43.241	34084.570
40141.594	25.787	27.296
29.339	1.018	
11/18/2016 4:30:00 PM	239400.000	19.193
17.098	43.235	34094.305
40154.574	25.797	27.305
29.330	1.018	
11/18/2016 4:45:00 PM	240300.000	19.197
17.100	43.243	34093.563

40152.031	25.795	27.303
29.331	1.018	
11/18/2016 5:00:00 PM	241200.000	19.192
17.097	43.231	34105.777
40168.797	25.807	27.315
29.321	1.018	
11/18/2016 5:15:00 PM	242100.000	19.193
17.099	43.235	34090.652
40149.633	25.793	27.302
29.334	1.018	
11/18/2016 5:30:00 PM	243000.000	19.196
17.098	43.241	34114.145
40177.777	25.813	27.321
29.313	1.018	
11/18/2016 5:45:00 PM	243900.000	19.194
17.101	43.237	34138.746
40204.859	25.832	27.339
29.292	1.018	
11/18/2016 6:00:00 PM	244800.000	19.192
17.099	43.231	34123.879
40189.016	25.821	27.329
29.305	1.018	
11/18/2016 6:15:00 PM	245700.000	19.196
17.100	43.242	34124.359
40188.781	25.821	27.328
29.305	1.018	
11/18/2016 6:30:00 PM	246600.000	19.193
17.102	43.234	34102.797
40160.848	25.801	27.309
29.323	1.018	
11/18/2016 6:45:00 PM	247500.000	19.194
17.101	43.237	34131.297
40195.762	25.826	27.333
29.299	1.018	
11/18/2016 7:00:00 PM	248400.000	19.196
17.103	43.241	34115.531
40174.895	25.811	27.319
29.312	1.018	
11/18/2016 7:15:00 PM	249300.000	19.194
17.100	43.237	34117.648
40180.801	25.815	27.323
29.310	1.018	
11/18/2016 7:30:00 PM	250200.000	19.198
17.101	43.246	34119.305
40181.477	25.816	27.323
29.309	1.018	
11/18/2016 7:45:00 PM	251100.000	19.193
17.100	43.233	34130.102
40194.750	25.825	27.332
29.300	1.018	
11/18/2016 8:00:00 PM	252000.000	19.195
17.104	43.240	34166.617
40234.891	25.854	27.360
29.268	1.018	
11/18/2016 8:15:00 PM	252900.000	19.197
17.106	43.244	34126.578
40185.684	25.819	27.326

29.303	1.018	
11/18/2016 8:30:00 PM	253800.000	19.196
17.111	43.242	34139.469
40196.578	25.827	27.334
29.292	1.018	
11/18/2016 8:45:00 PM	254700.000	19.198
17.115	43.246	34114.621
40163.043	25.803	27.311
29.313	1.018	
11/18/2016 9:00:00 PM	255600.000	19.197
17.117	43.244	34141.207
40192.605	25.825	27.331
29.290	1.018	
11/18/2016 9:15:00 PM	256500.000	19.198
17.119	43.246	34126.051
40173.410	25.811	27.318
29.303	1.018	
11/18/2016 9:30:00 PM	257400.000	19.196
17.121	43.242	34095.035
40134.992	25.784	27.292
29.330	1.018	
11/18/2016 9:45:00 PM	258300.000	19.194
17.121	43.236	34128.270
40174.113	25.812	27.318
29.301	1.018	
11/18/2016 10:00:00 PM	259200.000	19.195
17.123	43.239	34040.133
40068.398	25.736	27.247
29.377	1.018	
11/18/2016 10:15:00 PM	260100.000	19.196
17.124	43.241	34067.164
40098.953	25.758	27.267
29.354	1.018	
11/18/2016 10:30:00 PM	261000.000	19.195
17.123	43.238	34064.973
40097.879	25.757	27.267
29.356	1.018	
11/18/2016 10:45:00 PM	261900.000	19.196
17.124	43.242	34054.090
40084.344	25.748	27.257
29.365	1.018	
11/18/2016 11:00:00 PM	262800.000	19.203
17.124	43.257	34038.301
40065.293	25.734	27.244
29.379	1.018	
11/18/2016 11:15:00 PM	263700.000	19.198
17.123	43.246	34026.379
40052.602	25.725	27.236
29.389	1.018	
11/18/2016 11:30:00 PM	264600.000	19.200
17.125	43.249	34005.129
40025.773	25.706	27.218
29.407	1.018	
11/18/2016 11:45:00 PM	265500.000	19.197
17.124	43.243	34040.891
40068.340	25.736	27.246
29.376	1.018	

11/19/2016 12:00:00 AM	266400.000	19.196
17.124	43.241	34016.758
40039.777	25.716	27.227
29.397	1.018	
11/19/2016 12:15:00 AM	267300.000	19.201
17.124	43.252	33982.762
39999.762	25.688	27.200
29.427	1.018	
11/19/2016 12:30:00 AM	268200.000	19.200
17.124	43.251	33949.121
39960.480	25.660	27.173
29.456	1.018	
11/19/2016 12:45:00 AM	269100.000	19.195
17.125	43.238	33906.180
39909.148	25.623	27.138
29.493	1.018	
11/19/2016 1:00:00 AM	270000.000	19.197
17.125	43.243	33960.328
39972.957	25.669	27.182
29.446	1.018	
11/19/2016 1:15:00 AM	270900.000	19.195
17.125	43.238	33945.363
39955.344	25.656	27.170
29.459	1.018	
11/19/2016 1:30:00 AM	271800.000	19.198
17.124	43.246	33955.121
39967.070	25.665	27.178
29.451	1.018	
11/19/2016 1:45:00 AM	272700.000	19.200
17.126	43.249	33934.695
39941.918	25.647	27.161
29.468	1.018	
11/19/2016 2:00:00 AM	273600.000	19.200
17.124	43.249	33943.703
39954.176	25.655	27.169
29.461	1.018	
11/19/2016 2:15:00 AM	274500.000	19.201
17.124	43.253	33946.035
39957.004	25.657	27.171
29.459	1.018	
11/19/2016 2:30:00 AM	275400.000	19.198
17.124	43.245	33973.410
39989.145	25.680	27.193
29.435	1.018	
11/19/2016 2:45:00 AM	276300.000	19.202
17.124	43.254	33925.203
39932.484	25.640	27.154
29.477	1.018	
11/19/2016 3:00:00 AM	277200.000	19.200
17.122	43.249	33933.762
39943.895	25.648	27.162
29.469	1.018	
11/19/2016 3:15:00 AM	278100.000	19.202
17.123	43.254	33903.930
39908.465	25.623	27.138
29.495	1.018	
11/19/2016 3:30:00 AM	279000.000	19.198

17.122	43.246	33915.523
39922.973	25.633	27.148
29.485	1.018	
11/19/2016 3:45:00 AM	279900.000	19.199
17.121	43.248	33921.613
39930.848	25.639	27.153
29.480	1.018	
11/19/2016 4:00:00 AM	280800.000	19.200
17.121	43.249	33919.660
39928.398	25.637	27.151
29.481	1.018	
11/19/2016 4:15:00 AM	281700.000	19.197
17.120	43.243	33898.598
39904.855	25.620	27.135
29.500	1.018	
11/19/2016 4:30:00 AM	282600.000	19.200
17.120	43.250	33921.313
39931.297	25.639	27.153
29.480	1.018	
11/19/2016 4:45:00 AM	283500.000	19.202
17.120	43.255	33923.926
39934.125	25.641	27.155
29.478	1.018	
11/19/2016 5:00:00 AM	284400.000	19.195
17.117	43.239	33923.871
39936.656	25.643	27.157
29.478	1.018	
11/19/2016 5:15:00 AM	285300.000	19.198
17.119	43.245	33929.457
39942.137	25.647	27.161
29.473	1.018	
11/19/2016 5:30:00 AM	286200.000	19.196
17.119	43.242	33923.031
39934.570	25.641	27.156
29.478	1.018	
11/19/2016 5:45:00 AM	287100.000	19.197
17.116	43.244	33936.887
39952.852	25.654	27.168
29.466	1.018	
11/19/2016 6:00:00 AM	288000.000	19.194
17.116	43.237	33913.723
39926.359	25.635	27.150
29.487	1.018	
11/19/2016 6:15:00 AM	288900.000	19.196
17.114	43.241	33962.168
39984.512	25.676	27.189
29.445	1.018	
11/19/2016 6:30:00 AM	289800.000	19.193
17.114	43.234	33951.941
39972.383	25.668	27.181
29.453	1.018	
11/19/2016 6:45:00 AM	290700.000	19.193
17.114	43.235	33931.320
39948.430	25.651	27.165
29.471	1.018	
11/19/2016 7:00:00 AM	291600.000	19.195
17.112	43.239	33965.117

39990.031	25.680	27.193
29.442	1.018	
11/19/2016 7:15:00 AM	292500.000	19.196
17.111	43.242	33950.145
39972.875	25.668	27.182
29.455	1.018	
11/19/2016 7:30:00 AM	293400.000	19.194
17.111	43.237	34010.164
40044.098	25.719	27.230
29.403	1.018	
11/19/2016 7:45:00 AM	294300.000	19.198
17.111	43.245	33947.531
39970.508	25.666	27.180
29.457	1.018	
11/19/2016 8:00:00 AM	295200.000	19.192
17.109	43.233	33970.414
39999.113	25.687	27.199
29.437	1.018	
11/19/2016 8:15:00 AM	296100.000	19.189
17.110	43.226	33954.074
39979.012	25.672	27.186
29.452	1.018	
11/19/2016 8:30:00 AM	297000.000	19.194
17.109	43.237	33958.848
39985.496	25.677	27.190
29.447	1.018	
11/19/2016 8:45:00 AM	297900.000	19.198
17.106	43.245	33981.082
40013.805	25.697	27.209
29.428	1.018	
11/19/2016 9:00:00 AM	298800.000	19.192
17.107	43.232	33981.684
40014.270	25.697	27.210
29.428	1.018	
11/19/2016 9:15:00 AM	299700.000	19.191
17.105	43.229	33971.395
40004.059	25.690	27.203
29.437	1.018	
11/19/2016 9:30:00 AM	300600.000	19.194
17.105	43.237	33966.160
39997.332	25.685	27.198
29.441	1.018	
11/19/2016 9:45:00 AM	301500.000	19.190
17.105	43.228	33960.566
39990.902	25.681	27.194
29.446	1.018	
11/19/2016 10:00:00 AM	302400.000	19.195
17.102	43.238	34003.727
40044.262	25.718	27.230
29.409	1.018	
11/19/2016 10:15:00 AM	303300.000	19.192
17.104	43.231	33980.699
40016.043	25.698	27.211
29.428	1.018	
11/19/2016 10:30:00 AM	304200.000	19.189
17.103	43.225	33995.066
40033.113	25.710	27.223

29.416	1.018	
11/19/2016 10:45:00 AM	305100.000	19.192
17.102	43.232	34015.176
40058.375	25.728	27.240
29.399	1.018	
11/19/2016 11:00:00 AM	306000.000	19.189
17.102	43.226	33987.066
40025.199	25.705	27.217
29.423	1.018	
11/19/2016 11:15:00 AM	306900.000	19.189
17.100	43.224	34005.441
40047.938	25.721	27.233
29.407	1.018	
11/19/2016 11:30:00 AM	307800.000	19.189
17.101	43.224	33981.773
40019.836	25.701	27.213
29.428	1.018	
11/19/2016 11:45:00 AM	308700.000	19.192
17.100	43.232	34014.094
40058.844	25.729	27.240
29.400	1.018	
11/19/2016 12:00:00 PM	309600.000	19.194
17.101	43.236	34012.289
40055.129	25.726	27.237
29.401	1.018	
11/19/2016 12:15:00 PM	310500.000	19.192
17.100	43.231	34016.223
40060.793	25.730	27.241
29.398	1.018	
11/19/2016 12:30:00 PM	311400.000	19.189
17.097	43.226	34012.883
40060.016	25.729	27.241
29.401	1.018	
11/19/2016 12:45:00 PM	312300.000	19.192
17.098	43.232	34012.246
40058.082	25.728	27.239
29.401	1.018	
11/19/2016 1:00:00 PM	313200.000	19.191
17.097	43.230	33997.391
40041.219	25.716	27.228
29.414	1.018	
11/19/2016 1:15:00 PM	314100.000	19.189
17.095	43.225	34003.680
40050.523	25.722	27.234
29.409	1.018	
11/19/2016 1:30:00 PM	315000.000	19.192
17.095	43.233	34030.809
40082.793	25.745	27.256
29.385	1.018	
11/19/2016 1:45:00 PM	315900.000	19.191
17.094	43.230	34024.207
40075.809	25.740	27.252
29.391	1.018	
11/19/2016 2:00:00 PM	316800.000	19.192
17.097	43.233	33999.883
40044.316	25.718	27.230
29.412	1.018	

11/19/2016 2:15:00 PM	317700.000	19.191
17.096	43.229	34035.750
40087.512	25.749	27.260
29.381	1.018	
11/19/2016 2:30:00 PM	318600.000	19.193
17.093	43.233	34047.133
40103.680	25.760	27.271
29.371	1.018	
11/19/2016 2:45:00 PM	319500.000	19.194
17.092	43.237	34043.035
40100.047	25.758	27.268
29.375	1.018	
11/19/2016 3:00:00 PM	320400.000	19.195
17.092	43.240	34007.754
40058.176	25.728	27.240
29.405	1.018	
11/19/2016 3:15:00 PM	321300.000	19.192
17.093	43.231	34023.797
40076.680	25.741	27.252
29.391	1.018	
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17.094	43.231	34066.090
40125.621	25.776	27.285
29.355	1.018	
11/19/2016 3:45:00 PM	323100.000	19.193
17.095	43.234	34046.230
40101.039	25.758	27.269
29.372	1.018	
11/19/2016 4:00:00 PM	324000.000	19.194
17.093	43.237	34030.344
40083.676	25.746	27.257
29.386	1.018	
11/19/2016 4:15:00 PM	324900.000	19.196
17.094	43.242	34034.508
40087.637	25.749	27.260
29.382	1.018	
11/19/2016 4:30:00 PM	325800.000	19.195
17.095	43.238	34060.563
40117.676	25.770	27.280
29.359	1.018	
11/19/2016 4:45:00 PM	326700.000	19.195
17.094	43.239	34038.043
40092.188	25.752	27.263
29.379	1.018	
11/19/2016 5:00:00 PM	327600.000	19.195
17.097	43.239	34102.477
40165.535	25.804	27.313
29.323	1.018	
11/19/2016 5:15:00 PM	328500.000	19.197
17.096	43.244	34074.121
40132.387	25.781	27.290
29.348	1.018	
11/19/2016 5:30:00 PM	329400.000	19.200
17.097	43.251	34086.512
40146.664	25.791	27.300
29.337	1.018	
11/19/2016 5:45:00 PM	330300.000	19.203

17.097	43.257	34094.047
40155.223	25.797	27.306
29.331	1.018	
11/19/2016 6:00:00 PM	331200.000	19.200
17.098	43.250	34079.000
40136.867	25.784	27.293
29.344	1.018	
11/19/2016 6:15:00 PM	332100.000	19.201
17.099	43.251	34110.109
40172.637	25.809	27.317
29.317	1.018	
11/19/2016 6:30:00 PM	333000.000	19.198
17.099	43.245	34086.863
40144.703	25.790	27.298
29.337	1.018	
11/19/2016 6:45:00 PM	333900.000	19.199
17.099	43.247	34106.707
40168.465	25.806	27.315
29.320	1.018	
11/19/2016 7:00:00 PM	334800.000	19.199
17.098	43.248	34101.051
40162.355	25.802	27.310
29.325	1.018	
11/19/2016 7:15:00 PM	335700.000	19.200
17.098	43.250	34147.891
40218.004	25.842	27.348
29.284	1.018	
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17.099	43.242	34110.016
40172.285	25.809	27.317
29.317	1.018	
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17.099	43.254	34088.277
40147.242	25.791	27.300
29.336	1.018	
11/19/2016 8:00:00 PM	338400.000	19.201
17.095	43.253	34132.867
40202.613	25.831	27.338
29.297	1.018	
11/19/2016 8:15:00 PM	339300.000	19.203
17.097	43.257	34106.438
40169.891	25.807	27.316
29.320	1.018	
11/19/2016 8:30:00 PM	340200.000	19.200
17.096	43.250	34100.992
40164.113	25.803	27.312
29.325	1.018	
11/19/2016 8:45:00 PM	341100.000	19.199
17.096	43.248	34101.777
40165.676	25.804	27.313
29.324	1.018	
11/19/2016 9:00:00 PM	342000.000	19.198
17.093	43.245	34126.176
40196.945	25.826	27.334
29.303	1.018	
11/19/2016 9:15:00 PM	342900.000	19.201
17.095	43.251	34133.598

40204.191	25.832	27.339
29.297	1.018	
11/19/2016 9:30:00 PM	343800.000	19.200
17.091	43.249	34135.656
40209.785	25.835	27.343
29.295	1.018	
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17.092	43.253	34137.105
40210.539	25.836	27.343
29.294	1.018	
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17.093	43.253	34140.398
40213.777	25.838	27.345
29.291	1.018	
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17.092	43.261	34117.910
40188.004	25.820	27.328
29.310	1.018	
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17.093	43.261	34105.402
40172.086	25.809	27.317
29.321	1.018	
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17.093	43.260	34157.758
40233.754	25.853	27.359
29.276	1.018	
11/19/2016 11:00:00 PM	349200.000	19.206
17.096	43.262	34133.238
40202.094	25.830	27.337
29.297	1.018	
11/19/2016 11:15:00 PM	350100.000	19.204
17.099	43.260	34130.125
40195.727	25.826	27.333
29.300	1.018	
11/19/2016 11:30:00 PM	351000.000	19.206
17.100	43.264	34142.641
40209.984	25.836	27.343
29.289	1.018	
11/19/2016 11:45:00 PM	351900.000	19.203
17.108	43.256	34157.410
40220.406	25.844	27.350
29.276	1.018	
11/20/2016 12:00:00 AM	352800.000	19.203
17.113	43.256	34138.109
40192.848	25.824	27.331
29.293	1.018	
11/20/2016 12:15:00 AM	353700.000	19.206
17.115	43.263	34106.668
40154.230	25.797	27.305
29.320	1.018	
11/20/2016 12:30:00 AM	354600.000	19.204
17.115	43.259	34146.699
40200.730	25.830	27.336
29.285	1.018	
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17.116	43.261	34153.605
40208.547	25.836	27.342

29.279	1.018	
11/20/2016 1:00:00 AM	356400.000	19.208
17.115	43.267	34108.645
40156.406	25.799	27.306
29.318	1.018	
11/20/2016 1:15:00 AM	357300.000	19.209
17.114	43.270	34123.008
40174.273	25.811	27.319
29.306	1.018	
11/20/2016 1:30:00 AM	358200.000	19.206
17.114	43.263	34150.746
40206.602	25.834	27.340
29.282	1.018	
11/20/2016 1:45:00 AM	359100.000	19.209
17.114	43.270	34093.480
40139.180	25.786	27.295
29.331	1.018	
11/20/2016 2:00:00 AM	360000.000	19.206
17.113	43.262	34115.844
40166.309	25.806	27.313
29.312	1.018	
11/20/2016 2:15:00 AM	360900.000	19.207
17.112	43.266	34115.836
40167.648	25.807	27.314
29.312	1.018	
11/20/2016 2:30:00 AM	361800.000	19.209
17.111	43.271	34092.633
40140.875	25.787	27.296
29.332	1.018	
11/20/2016 2:45:00 AM	362700.000	19.207
17.112	43.266	34099.672
40148.129	25.793	27.301
29.326	1.018	
11/20/2016 3:00:00 AM	363600.000	19.210
17.112	43.272	34099.105
40148.180	25.793	27.301
29.326	1.018	
11/20/2016 3:15:00 AM	364500.000	19.211
17.111	43.275	34111.922
40164.066	25.804	27.312
29.315	1.018	
11/20/2016 3:30:00 AM	365400.000	19.213
17.111	43.278	34101.742
40151.922	25.795	27.303
29.324	1.018	
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17.111	43.277	34071.484
40116.063	25.770	27.279
29.350	1.018	
11/20/2016 4:00:00 AM	367200.000	19.210
17.109	43.272	34101.754
40153.598	25.796	27.304
29.324	1.018	
11/20/2016 4:15:00 AM	368100.000	19.218
17.108	43.291	34085.031
40134.617	25.783	27.292
29.338	1.018	

11/20/2016 4:30:00 AM	369000.000	19.217
17.108	43.288	34049.602
40092.988	25.753	27.263
29.369	1.018	
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17.108	43.290	34108.480
40162.078	25.802	27.310
29.318	1.018	
11/20/2016 5:00:00 AM	370800.000	19.215
17.108	43.283	34060.621
40106.195	25.763	27.272
29.359	1.018	
11/20/2016 5:15:00 AM	371700.000	19.215
17.106	43.285	34106.750
40161.781	25.802	27.310
29.320	1.018	
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17.106	43.283	34094.496
40147.668	25.792	27.300
29.330	1.018	
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17.106	43.280	34089.617
40142.398	25.788	27.297
29.334	1.018	
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17.104	43.289	34115.004
40173.555	25.810	27.318
29.313	1.018	
11/20/2016 6:15:00 AM	375300.000	19.217
17.104	43.288	34085.207
40139.113	25.786	27.295
29.338	1.018	
11/20/2016 6:30:00 AM	376200.000	19.214
17.104	43.281	34085.395
40139.242	25.786	27.295
29.338	1.018	
11/20/2016 6:45:00 AM	377100.000	19.215
17.103	43.284	34116.004
40175.934	25.812	27.320
29.312	1.018	
11/20/2016 7:00:00 AM	378000.000	19.220
17.100	43.294	34112.293
40174.172	25.811	27.318
29.315	1.018	
11/20/2016 7:15:00 AM	378900.000	19.218
17.101	43.289	34097.977
40156.359	25.798	27.306
29.327	1.018	
11/20/2016 7:30:00 AM	379800.000	19.219
17.097	43.293	34130.852
40198.727	25.828	27.335
29.299	1.018	
11/20/2016 7:45:00 AM	380700.000	19.219
17.096	43.292	34105.613
40170.355	25.808	27.316
29.321	1.018	
11/20/2016 8:00:00 AM	381600.000	19.219

17.097	43.292	34147.871
40218.453	25.842	27.349
29.284	1.018	
11/20/2016 8:15:00 AM	382500.000	19.224
17.092	43.303	34142.910
40217.059	25.841	27.348
29.289	1.018	
11/20/2016 8:30:00 AM	383400.000	19.218
17.095	43.291	34122.551
40190.379	25.822	27.329
29.306	1.018	
11/20/2016 8:45:00 AM	384300.000	19.219
17.095	43.294	34143.516
40215.543	25.840	27.347
29.288	1.018	
11/20/2016 9:00:00 AM	385200.000	19.223
17.096	43.302	34137.008
40206.691	25.834	27.341
29.294	1.018	
11/20/2016 9:15:00 AM	386100.000	19.218
17.098	43.289	34172.824
40247.051	25.862	27.368
29.263	1.018	
11/20/2016 9:30:00 AM	387000.000	19.222
17.097	43.299	34162.633
40236.160	25.855	27.361
29.272	1.018	
11/20/2016 9:45:00 AM	387900.000	19.221
17.097	43.297	34160.414
40233.547	25.853	27.359
29.274	1.018	
11/20/2016 10:00:00 AM	388800.000	19.222
17.095	43.300	34166.359
40242.063	25.859	27.365
29.269	1.018	
11/20/2016 10:15:00 AM	389700.000	19.228
17.094	43.313	34161.945
40238.371	25.856	27.362
29.272	1.018	
11/20/2016 10:30:00 AM	390600.000	19.227
17.095	43.311	34147.457
40220.516	25.843	27.350
29.285	1.018	
11/20/2016 10:45:00 AM	391500.000	19.225
17.094	43.305	34177.945
40256.738	25.869	27.375
29.259	1.019	
11/20/2016 11:00:00 AM	392400.000	19.222
17.094	43.300	34209.613
40294.273	25.896	27.400
29.232	1.019	
11/20/2016 11:15:00 AM	393300.000	19.226
17.092	43.307	34147.438
40222.543	25.845	27.351
29.285	1.018	
11/20/2016 11:30:00 AM	394200.000	19.222
17.093	43.300	34151.086

40225.895	25.847	27.354
29.282	1.018	
11/20/2016 11:45:00 AM	395100.000	19.226
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29.259	1.019	
11/20/2016 12:00:00 PM	396000.000	19.227
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40261.172	25.872	27.378
29.257	1.019	
11/20/2016 12:15:00 PM	396900.000	19.225
17.094	43.305	34218.266
40304.867	25.903	27.407
29.224	1.019	
11/20/2016 12:30:00 PM	397800.000	19.228
17.092	43.314	34218.465
40306.527	25.904	27.408
29.224	1.019	
11/20/2016 12:45:00 PM	398700.000	19.227
17.091	43.311	34210.234
40298.027	25.898	27.403
29.231	1.019	
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17.090	43.311	34216.832
40306.434	25.904	27.408
29.225	1.019	
11/20/2016 1:15:00 PM	400500.000	19.230
17.090	43.317	34211.324
40300.109	25.900	27.404
29.230	1.019	
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17.089	43.319	34251.777
40348.875	25.934	27.437
29.196	1.019	
11/20/2016 1:45:00 PM	402300.000	19.232
17.088	43.321	34184.043
40269.402	25.878	27.383
29.253	1.019	
11/20/2016 2:00:00 PM	403200.000	19.234
17.088	43.326	34196.613
40284.133	25.888	27.393
29.243	1.019	
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17.087	43.326	34223.309
40316.375	25.911	27.415
29.220	1.019	
11/20/2016 2:30:00 PM	405000.000	19.236
17.088	43.332	34227.660
40320.867	25.914	27.418
29.216	1.019	
11/20/2016 2:45:00 PM	405900.000	19.235
17.086	43.328	34241.906
40339.391	25.927	27.431
29.204	1.019	
11/20/2016 3:00:00 PM	406800.000	19.234
17.085	43.327	34244.863
40343.914	25.931	27.434

29.201	1.019	
11/20/2016 3:15:00 PM	407700.000	19.234
17.086	43.326	34253.902
40353.770	25.938	27.441
29.194	1.019	
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17.086	43.328	34240.164
40337.652	25.926	27.430
29.205	1.019	
11/20/2016 3:45:00 PM	409500.000	19.237
17.088	43.334	34230.066
40324.180	25.917	27.420
29.214	1.019	
11/20/2016 4:00:00 PM	410400.000	19.236
17.088	43.332	34270.578
40371.180	25.950	27.452
29.180	1.019	
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17.088	43.334	34252.352
40349.871	25.935	27.438
29.195	1.019	
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17.088	43.341	34282.957
40386.328	25.961	27.463
29.169	1.019	
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17.086	43.341	34289.430
40395.621	25.967	27.469
29.164	1.019	
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17.088	43.342	34243.895
40340.145	25.928	27.431
29.202	1.019	
11/20/2016 5:15:00 PM	414900.000	19.238
17.090	43.335	34294.734
40397.891	25.969	27.471
29.159	1.019	
11/20/2016 5:30:00 PM	415800.000	19.243
17.086	43.347	34249.145
40347.691	25.933	27.436
29.198	1.019	
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17.091	43.336	34312.063
40417.656	25.983	27.484
29.144	1.019	
11/20/2016 6:00:00 PM	417600.000	19.243
17.092	43.348	34309.754
40414.301	25.981	27.482
29.146	1.019	
11/20/2016 6:15:00 PM	418500.000	19.241
17.091	43.343	34309.910
40415.441	25.982	27.483
29.146	1.019	
11/20/2016 6:30:00 PM	419400.000	19.245
17.092	43.350	34293.633
40395.309	25.968	27.469
29.160	1.019	

11/20/2016 6:45:00 PM	420300.000	19.248
17.091	43.358	34309.375
40414.813	25.981	27.482
29.147	1.019	
11/20/2016 7:00:00 PM	421200.000	19.251
17.090	43.365	34322.078
40430.648	25.993	27.493
29.136	1.019	
11/20/2016 7:15:00 PM	422100.000	19.248
17.091	43.357	34321.184
40428.723	25.991	27.492
29.137	1.019	
11/20/2016 7:30:00 PM	423000.000	19.247
17.091	43.355	34327.395
40436.039	25.996	27.497
29.131	1.019	
11/20/2016 7:45:00 PM	423900.000	19.246
17.089	43.354	34307.867
40414.316	25.981	27.482
29.148	1.019	
11/20/2016 8:00:00 PM	424800.000	19.249
17.090	43.361	34308.207
40414.309	25.981	27.482
29.148	1.019	
11/20/2016 8:15:00 PM	425700.000	19.250
17.090	43.362	34341.641
40453.695	26.009	27.509
29.119	1.019	
11/20/2016 8:30:00 PM	426600.000	19.248
17.090	43.357	34362.352
40477.375	26.026	27.525
29.102	1.019	
11/20/2016 8:45:00 PM	427500.000	19.250
17.090	43.363	34343.805
40456.168	26.011	27.510
29.117	1.019	
11/20/2016 9:00:00 PM	428400.000	19.249
17.092	43.361	34343.625
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29.117	1.019	
11/20/2016 9:15:00 PM	429300.000	19.249
17.089	43.361	34342.137
40454.438	26.009	27.509
29.119	1.019	
11/20/2016 9:30:00 PM	430200.000	19.254
17.087	43.372	34332.199
40445.125	26.003	27.503
29.127	1.019	
11/20/2016 9:45:00 PM	431100.000	19.252
17.087	43.367	34329.879
40442.391	26.001	27.501
29.129	1.019	
11/20/2016 10:00:00 PM	432000.000	19.253
17.085	43.369	34342.520
40459.047	26.013	27.512
29.118	1.019	
11/20/2016 10:15:00 PM	432900.000	19.252

17.086	43.367	34346.664
40462.738	26.015	27.515
29.115	1.019	
11/20/2016 10:30:00 PM	433800.000	19.252
17.085	43.367	34367.293
40487.996	26.033	27.532
29.097	1.019	
11/20/2016 10:45:00 PM	434700.000	19.255
17.084	43.374	34317.199
40429.855	25.992	27.492
29.140	1.019	
11/20/2016 11:00:00 PM	435600.000	19.255
17.083	43.373	34313.777
40427.020	25.990	27.490
29.143	1.019	
11/20/2016 11:15:00 PM	436500.000	19.257
17.084	43.378	34376.691
40500.340	26.042	27.540
29.089	1.019	
11/20/2016 11:30:00 PM	437400.000	19.258
17.085	43.380	34373.602
40495.895	26.039	27.537
29.092	1.019	
11/20/2016 11:45:00 PM	438300.000	19.259
17.082	43.384	34343.469
40462.723	26.015	27.515
29.118	1.019	
11/21/2016 12:00:00 AM	439200.000	19.259
17.082	43.383	34348.613
40469.266	26.020	27.519
29.113	1.019	
11/21/2016 12:15:00 AM	440100.000	19.257
17.080	43.378	34323.574
40441.359	26.000	27.500
29.134	1.019	
11/21/2016 12:30:00 AM	441000.000	19.259
17.082	43.384	34326.215
40442.785	26.001	27.501
29.132	1.019	
11/21/2016 12:45:00 AM	441900.000	19.259
17.080	43.384	34353.301
40476.383	26.025	27.524
29.109	1.019	
11/21/2016 1:00:00 AM	442800.000	19.260
17.082	43.386	34341.375
40460.414	26.013	27.513
29.119	1.019	
11/21/2016 1:15:00 AM	443700.000	19.264
17.086	43.395	34379.109
40501.430	26.043	27.541
29.087	1.019	
11/21/2016 1:30:00 AM	444600.000	19.263
17.094	43.392	34395.148
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29.074	1.019	
11/21/2016 1:45:00 AM	445500.000	19.264
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40453.609	26.009	27.508
29.112	1.019	
11/21/2016 2:00:00 AM	446400.000	19.263
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40428.563	25.992	27.491
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40482.563	26.030	27.528
29.090	1.019	
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29.125	1.019	
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17.104	43.387	34330.387
40427.680	25.991	27.491
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11/21/2016 3:00:00 AM	450000.000	19.266
17.103	43.399	34335.188
40434.363	25.996	27.495
29.125	1.019	
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17.102	43.405	34339.875
40440.438	26.000	27.500
29.121	1.019	
11/21/2016 3:30:00 AM	451800.000	19.272
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40439.930	26.000	27.499
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11/21/2016 3:45:00 AM	452700.000	19.273
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40413.625	25.981	27.481
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11/21/2016 5:00:00 AM	457200.000	19.270
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29.141	1.019	
11/21/2016 5:15:00 AM	458100.000	19.273
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40432.680	25.994	27.494

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11/21/2016 5:30:00 AM	459000.000	19.280
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29.162	1.019	
11/21/2016 5:45:00 AM	459900.000	19.274
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40376.855	25.955	27.456
29.169	1.019	
11/21/2016 6:00:00 AM	460800.000	19.275
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29.136	1.019	
11/21/2016 6:15:00 AM	461700.000	19.277
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29.192	1.019	
11/21/2016 6:30:00 AM	462600.000	19.277
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29.170	1.019	
11/21/2016 6:45:00 AM	463500.000	19.276
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29.170	1.019	
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29.161	1.019	
11/21/2016 7:15:00 AM	465300.000	19.280
17.098	43.430	34260.648
40350.563	25.936	27.438
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11/21/2016 7:30:00 AM	466200.000	19.275
17.098	43.419	34276.117
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29.175	1.019	
11/21/2016 7:45:00 AM	467100.000	19.282
17.099	43.434	34285.402
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29.167	1.019	
11/21/2016 8:00:00 AM	468000.000	19.278
17.101	43.426	34261.277
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29.187	1.019	
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17.101	43.447	34299.832
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29.155	1.019	
11/21/2016 8:30:00 AM	469800.000	19.284
17.102	43.440	34276.348
40365.711	25.947	27.449
29.175	1.019	
11/21/2016 8:45:00 AM	470700.000	19.285
17.103	43.441	34260.906
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29.188	1.019	

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40366.754	25.948	27.449
29.173	1.019	
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29.172	1.019	
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11/21/2016 10:00:00 AM	475200.000	19.283
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29.196	1.019	
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29.162	1.019	
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29.189	1.019	
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29.186	1.019	
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29.183	1.019	
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40329.836	25.922	27.424
29.199	1.019	
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40350.469	25.936	27.438
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11/21/2016 11:45:00 AM	481500.000	19.294
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29.191	1.019	
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29.163	1.019	
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29.175	1.019	
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29.181	1.019	
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29.164	1.019	
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29.162	1.019	
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29.208	1.019	
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17.103	43.458	34237.902
40319.316	25.914	27.417
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29.188	1.019	
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17.103	43.474	34259.645
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40337.121	25.927	27.429
29.194	1.019	
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29.163	1.019	
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29.183	1.019	
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17.105	43.465	34285.680
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29.167	1.019	
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40364.301	25.946	27.448
29.173	1.019	
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40354.609	25.939	27.441
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29.193	1.019	
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40324.172	25.918	27.420
29.202	1.019	
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29.209	1.019	
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40311.875	25.909	27.412
29.210	1.019	
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40323.508	25.917	27.420
29.201	1.019	
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40297.539	25.899	27.402
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40287.176	25.891	27.395
29.226	1.019	
11/21/2016 8:15:00 PM	512100.000	19.306
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40248.895	25.864	27.369
29.253	1.018	
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40233.375	25.853	27.359
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40228.688	25.850	27.356
29.265	1.018	
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40213.023	25.839	27.345
29.277	1.018	
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40208.523	25.836	27.342
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40231.406	25.852	27.357
29.262	1.018	
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29.279	1.018	
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40232.762	25.853	27.358
29.260	1.018	
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40185.875	25.820	27.326
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40191.402	25.824	27.330
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40181.359	25.817	27.323
29.296	1.018	
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17.122	43.485	34068.344
40102.863	25.761	27.270
29.353	1.018	
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17.122	43.488	34136.621
40182.930	25.818	27.324
29.294	1.018	
11/22/2016 12:15:00 AM	526500.000	19.308
17.123	43.492	34088.930
40125.918	25.777	27.286
29.335	1.018	
11/22/2016 12:30:00 AM	527400.000	19.308
17.123	43.494	34066.992
40099.848	25.759	27.268
29.354	1.018	
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17.124	43.491	34056.387
40086.422	25.749	27.259
29.363	1.018	
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17.125	43.496	34057.098
40086.629	25.750	27.259
29.362	1.018	
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17.125	43.499	34061.773
40092.289	25.754	27.263
29.358	1.018	
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17.126	43.493	34030.574
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29.411	1.018	
11/22/2016 2:00:00 AM	532800.000	19.311
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40020.957	25.703	27.214
29.410	1.018	
11/22/2016 2:15:00 AM	533700.000	19.312
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40022.105	25.704	27.215
29.409	1.018	
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39984.137	25.677	27.189
29.437	1.018	
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39970.902	25.667	27.180
29.447	1.018	
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17.126	43.497	33964.430
39976.766	25.671	27.184
29.443	1.018	
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17.126	43.492	33946.180
39955.598	25.656	27.170
29.458	1.018	
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17.125	43.498	33941.285
39949.914	25.652	27.166
29.463	1.018	
11/22/2016 4:15:00 AM	540900.000	19.311
17.126	43.499	33957.492
39968.363	25.666	27.178
29.449	1.018	
11/22/2016 4:30:00 AM	541800.000	19.309
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29.447	1.018	
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17.126	43.499	33945.332
39954.363	25.656	27.169
29.459	1.018	
11/22/2016 5:00:00 AM	543600.000	19.313
17.126	43.504	33938.992
39946.660	25.650	27.164
29.465	1.018	
11/22/2016 5:15:00 AM	544500.000	19.307
17.125	43.491	33945.293
39955.027	25.656	27.169
29.459	1.018	
11/22/2016 5:30:00 AM	545400.000	19.308
17.125	43.492	33937.398
39945.813	25.649	27.163
29.466	1.018	
11/22/2016 5:45:00 AM	546300.000	19.308
17.126	43.494	33941.301
39949.695	25.652	27.166
29.463	1.018	
11/22/2016 6:00:00 AM	547200.000	19.309
17.125	43.495	33926.266
39932.391	25.640	27.154
29.476	1.018	
11/22/2016 6:15:00 AM	548100.000	19.314
17.125	43.507	33936.965

39944.984	25.649	27.163
29.466	1.018	
11/22/2016 6:30:00 AM	549000.000	19.310
17.125	43.498	33934.043
39941.863	25.647	27.160
29.469	1.018	
11/22/2016 6:45:00 AM	549900.000	19.308
17.125	43.494	33902.172
39904.656	25.620	27.135
29.497	1.018	
11/22/2016 7:00:00 AM	550800.000	19.310
17.125	43.498	33936.426
39944.750	25.649	27.162
29.467	1.018	
11/22/2016 7:15:00 AM	551700.000	19.307
17.125	43.491	33953.145
39964.426	25.663	27.176
29.452	1.018	
11/22/2016 7:30:00 AM	552600.000	19.307
17.122	43.490	33917.434
39924.992	25.634	27.149
29.483	1.018	
11/22/2016 7:45:00 AM	553500.000	19.308
17.121	43.492	33954.602
39969.297	25.666	27.179
29.451	1.018	
11/22/2016 8:00:00 AM	554400.000	19.307
17.122	43.491	33956.594
39971.160	25.667	27.180
29.449	1.018	
11/22/2016 8:15:00 AM	555300.000	19.307
17.123	43.490	33949.363
39962.020	25.661	27.174
29.456	1.018	
11/22/2016 8:30:00 AM	556200.000	19.300
17.122	43.476	33943.637
39955.359	25.656	27.170
29.461	1.018	
11/22/2016 8:45:00 AM	557100.000	19.305
17.119	43.487	33977.156
39997.738	25.686	27.198
29.432	1.018	
11/22/2016 9:00:00 AM	558000.000	19.306
17.123	43.488	33959.949
39974.016	25.669	27.182
29.446	1.018	
11/22/2016 9:15:00 AM	558900.000	19.303
17.121	43.481	33967.043
39984.008	25.676	27.189
29.440	1.018	
11/22/2016 9:30:00 AM	559800.000	19.306
17.119	43.490	33951.629
39967.688	25.665	27.178
29.454	1.018	
11/22/2016 9:45:00 AM	560700.000	19.303
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40000.992	25.688	27.201

29.428	1.018	
11/22/2016 10:00:00 AM	561600.000	19.301
17.119	43.477	33945.094
39960.387	25.660	27.173
29.459	1.018	
11/22/2016 10:15:00 AM	562500.000	19.303
17.117	43.482	33948.047
39965.598	25.663	27.177
29.457	1.018	
11/22/2016 10:30:00 AM	563400.000	19.302
17.117	43.479	33954.680
39973.090	25.668	27.182
29.451	1.018	
11/22/2016 10:45:00 AM	564300.000	19.300
17.119	43.475	33973.426
39993.816	25.683	27.196
29.435	1.018	
11/22/2016 11:00:00 AM	565200.000	19.303
17.115	43.482	33952.441
39972.109	25.668	27.181
29.453	1.018	
11/22/2016 11:15:00 AM	566100.000	19.297
17.115	43.467	34004.461
40033.988	25.712	27.223
29.408	1.018	
11/22/2016 11:30:00 AM	567000.000	19.301
17.117	43.477	33954.770
39973.121	25.668	27.182
29.451	1.018	
11/22/2016 11:45:00 AM	567900.000	19.300
17.119	43.475	33957.301
39974.285	25.669	27.183
29.449	1.018	
11/22/2016 12:00:00 PM	568800.000	19.296
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40003.707	25.690	27.203
29.429	1.018	
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39984.773	25.677	27.190
29.442	1.018	
11/22/2016 12:30:00 PM	570600.000	19.302
17.117	43.479	33994.379
40019.988	25.702	27.214
29.417	1.018	
11/22/2016 12:45:00 PM	571500.000	19.299
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39992.320	25.682	27.195
29.436	1.018	
11/22/2016 1:00:00 PM	572400.000	19.299
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39946.027	25.649	27.163
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29.405	1.018	

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40029.934	25.709	27.220
29.404	1.018	
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40026.246	25.707	27.218
29.407	1.018	
11/22/2016 2:00:00 PM	576000.000	19.297
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39996.637	25.686	27.198
29.427	1.018	
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17.129	43.455	34013.852
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29.400	1.018	
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17.129	43.458	33980.738
39993.430	25.683	27.196
29.428	1.018	
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39967.590	25.665	27.178
29.448	1.018	
11/22/2016 3:00:00 PM	579600.000	19.298
17.130	43.471	33971.574
39981.629	25.675	27.188
29.436	1.018	
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39980.945	25.675	27.187
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17.130	43.454	33956.387
39963.281	25.662	27.175
29.450	1.018	
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17.131	43.469	33953.512
39959.660	25.660	27.173
29.452	1.018	
11/22/2016 4:00:00 PM	583200.000	19.294
17.130	43.462	33962.738
39971.453	25.668	27.181
29.444	1.018	
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17.130	43.462	33949.750
39955.379	25.656	27.170
29.455	1.018	
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39943.516	25.648	27.162
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17.131	43.462	33921.926
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29.479	1.018	
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17.130	43.447	33911.121
39910.391	25.624	27.139
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39924.820	25.635	27.149
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17.132	43.460	33928.977
39929.914	25.638	27.152
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11/22/2016 6:00:00 PM	590400.000	19.289
17.131	43.451	33915.516
39914.695	25.628	27.142
29.485	1.018	
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17.132	43.455	33926.496
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29.475	1.018	
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39884.832	25.606	27.122
29.505	1.018	
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39886.156	25.607	27.123
29.506	1.018	
11/22/2016 7:00:00 PM	594000.000	19.288
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39900.297	25.617	27.132
29.496	1.018	
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39867.699	25.594	27.110
29.519	1.018	
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17.131	43.444	33936.680
39939.215	25.645	27.159
29.467	1.018	
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39915.180	25.628	27.142
29.485	1.018	
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29.476	1.018	
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17.131	43.445	33910.129
39907.813	25.623	27.137
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29.518	1.018	
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17.132	43.440	33905.719
39901.910	25.619	27.133
29.494	1.018	
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17.131	43.438	33892.207
39886.961	25.608	27.123
29.505	1.018	
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39901.875	25.618	27.133
29.496	1.018	
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39888.680	25.609	27.124
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39910.215	25.624	27.139
29.489	1.018	
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17.131	43.434	33916.172
39915.555	25.628	27.143
29.484	1.018	
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17.132	43.438	33916.227
39914.832	25.628	27.142
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39871.555	25.597	27.113
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17.130	43.424	33933.184
39936.355	25.643	27.157
29.470	1.018	
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39891.668	25.611	27.126
29.502	1.018	
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17.131	43.425	33864.898
39855.371	25.585	27.102
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29.490	1.018	
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39890.727	25.611	27.126
29.499	1.018	
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11/23/2016 1:15:00 AM	616500.000	19.275
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39906.953	25.622	27.137
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39883.188	25.606	27.121
29.502	1.018	
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39874.586	25.600	27.115
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39863.645	25.592	27.107
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17.141	43.417	33857.480
39837.211	25.573	27.089
29.536	1.018	
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17.141	43.417	33831.211
39806.375	25.551	27.068
29.559	1.018	
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17.142	43.415	33828.348
39802.387	25.548	27.066
29.561	1.018	
11/23/2016 3:00:00 AM	622800.000	19.272
17.140	43.413	33858.352
39839.172	25.574	27.091
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17.140	43.405	33827.715
39802.973	25.549	27.066
29.562	1.018	
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17.141	43.405	33848.582
39827.137	25.566	27.082
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17.141	43.403	33851.465
39830.531	25.568	27.085
29.541	1.018	
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17.142	43.396	33806.793
39777.191	25.530	27.048
29.580	1.018	
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17.141	43.407	33795.535
39764.805	25.522	27.040
29.590	1.018	
11/23/2016 4:30:00 AM	628200.000	19.264
17.142	43.393	33811.691
39782.707	25.534	27.052
29.576	1.018	
11/23/2016 4:45:00 AM	629100.000	19.267
17.139	43.402	33844.953
39824.043	25.564	27.080
29.547	1.018	
11/23/2016 5:00:00 AM	630000.000	19.266
17.140	43.398	33817.699
39791.578	25.541	27.058
29.570	1.018	
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17.138	43.398	33794.875
39766.215	25.522	27.041
29.590	1.018	
11/23/2016 5:30:00 AM	631800.000	19.265
17.139	43.397	33826.043
39802.418	25.548	27.066
29.563	1.018	
11/23/2016 5:45:00 AM	632700.000	19.264
17.138	43.394	33802.762
39775.727	25.529	27.047
29.583	1.018	
11/23/2016 6:00:00 AM	633600.000	19.262
17.135	43.390	33799.348
39774.063	25.528	27.046
29.586	1.018	
11/23/2016 6:15:00 AM	634500.000	19.265
17.136	43.395	33802.117
39776.773	25.530	27.048
29.584	1.018	
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17.138	43.393	33834.855
39813.813	25.556	27.073
29.555	1.018	
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17.137	43.389	33837.426
39817.699	25.559	27.076
29.553	1.018	
11/23/2016 7:00:00 AM	637200.000	19.262
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39802.984	25.548	27.066
29.566	1.018	
11/23/2016 7:15:00 AM	638100.000	19.261

17.132	43.388	33837.285
39822.004	25.562	27.079
29.553	1.018	
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17.133	43.374	33850.996
39837.043	25.573	27.089
29.541	1.018	
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17.132	43.390	33775.668
39748.863	25.510	27.029
29.607	1.018	
11/23/2016 8:00:00 AM	640800.000	19.259
17.130	43.383	33830.156
39815.258	25.557	27.074
29.559	1.018	
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17.130	43.377	33836.023
39821.535	25.561	27.079
29.554	1.018	
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17.129	43.382	33856.254
39846.770	25.579	27.096
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17.126	43.377	33824.945
39812.109	25.555	27.072
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17.127	43.376	33861.094
39854.188	25.584	27.101
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17.126	43.363	33879.906
39877.512	25.601	27.117
29.516	1.018	
11/23/2016 10:00:00 AM	648000.000	19.251
17.127	43.365	33900.516
39900.434	25.617	27.132
29.498	1.018	
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39867.961	25.594	27.110
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17.125	43.368	33869.430
39865.336	25.592	27.108
29.525	1.018	
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17.124	43.362	33865.152

39861.563	25.590	27.106
29.529	1.018	
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39853.184	25.584	27.100
29.536	1.018	
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39888.004	25.608	27.124
29.511	1.018	
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39864.020	25.591	27.108
29.528	1.018	
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17.120	43.360	33895.398
39900.859	25.617	27.133
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39927.617	25.636	27.151
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39884.617	25.606	27.122
29.515	1.018	
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29.503	1.018	
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39858.645	25.588	27.104
29.529	1.018	
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17.130	43.352	33920.582
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29.481	1.018	
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17.130	43.357	33925.875
39927.281	25.637	27.151
29.476	1.018	
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17.133	43.351	33879.754
39870.578	25.596	27.112
29.516	1.018	
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17.138	43.340	33890.176
39878.824	25.602	27.118

29.507	1.018	
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17.139	43.353	33918.496
39910.652	25.625	27.139
29.482	1.018	
11/23/2016 2:45:00 PM	665100.000	19.242
17.139	43.344	33920.668
39913.297	25.627	27.141
29.481	1.018	
11/23/2016 3:00:00 PM	666000.000	19.242
17.142	43.345	33921.199
39911.637	25.626	27.140
29.480	1.018	
11/23/2016 3:15:00 PM	666900.000	19.241
17.143	43.342	33863.793
39843.305	25.577	27.093
29.530	1.018	
11/23/2016 3:30:00 PM	667800.000	19.241
17.142	43.343	33917.684
39907.176	25.623	27.137
29.483	1.018	
11/23/2016 3:45:00 PM	668700.000	19.240
17.143	43.340	33875.859
39857.504	25.588	27.103
29.520	1.018	
11/23/2016 4:00:00 PM	669600.000	19.239
17.142	43.338	33850.566
39828.133	25.567	27.083
29.542	1.018	
11/23/2016 4:15:00 PM	670500.000	19.237
17.144	43.333	33857.363
39834.641	25.571	27.088
29.536	1.018	
11/23/2016 4:30:00 PM	671400.000	19.241
17.143	43.343	33831.777
39805.637	25.551	27.068
29.558	1.018	
11/23/2016 4:45:00 PM	672300.000	19.232
17.143	43.323	33832.172
39805.707	25.551	27.068
29.558	1.018	
11/23/2016 5:00:00 PM	673200.000	19.236
17.144	43.331	33834.633
39807.430	25.552	27.069
29.556	1.018	
11/23/2016 5:15:00 PM	674100.000	19.237
17.143	43.333	33804.781
39773.332	25.528	27.046
29.582	1.018	
11/23/2016 5:30:00 PM	675000.000	19.237
17.144	43.333	33822.961
39794.480	25.543	27.060
29.566	1.018	
11/23/2016 5:45:00 PM	675900.000	19.236
17.143	43.330	33823.547
39796.035	25.544	27.061
29.565	1.018	

11/23/2016 6:00:00 PM	676800.000	19.233
17.144	43.323	33827.527
39799.070	25.546	27.063
29.562	1.018	
11/23/2016 6:15:00 PM	677700.000	19.236
17.142	43.332	33807.469
39777.738	25.531	27.049
29.579	1.018	
11/23/2016 6:30:00 PM	678600.000	19.233
17.143	43.325	33822.789
39795.145	25.543	27.061
29.566	1.018	
11/23/2016 6:45:00 PM	679500.000	19.233
17.143	43.323	33807.148
39776.430	25.530	27.048
29.580	1.018	
11/23/2016 7:00:00 PM	680400.000	19.232
17.142	43.322	33824.375
39797.789	25.545	27.062
29.564	1.018	
11/23/2016 7:15:00 PM	681300.000	19.231
17.142	43.319	33822.305
39795.195	25.543	27.061
29.566	1.018	
11/23/2016 7:30:00 PM	682200.000	19.233
17.143	43.325	33821.324
39793.340	25.542	27.059
29.567	1.018	
11/23/2016 7:45:00 PM	683100.000	19.231
17.141	43.319	33816.336
39788.727	25.539	27.056
29.572	1.018	
11/23/2016 8:00:00 PM	684000.000	19.228
17.140	43.313	33806.434
39778.406	25.531	27.049
29.580	1.018	
11/23/2016 8:15:00 PM	684900.000	19.229
17.139	43.315	33807.184
39780.227	25.532	27.051
29.580	1.018	
11/23/2016 8:30:00 PM	685800.000	19.233
17.138	43.325	33837.188
39816.004	25.558	27.075
29.553	1.018	
11/23/2016 8:45:00 PM	686700.000	19.225
17.138	43.307	33798.082
39770.543	25.526	27.044
29.587	1.018	
11/23/2016 9:00:00 PM	687600.000	19.232
17.139	43.322	33775.414
39742.383	25.506	27.025
29.607	1.018	
11/23/2016 9:15:00 PM	688500.000	19.226
17.139	43.309	33834.480
39812.266	25.555	27.072
29.556	1.018	
11/23/2016 9:30:00 PM	689400.000	19.228

17.135	43.312	33882.035
39871.289	25.597	27.112
29.514	1.018	
11/23/2016 9:45:00 PM	690300.000	19.228
17.136	43.312	33806.922
39781.883	25.534	27.052
29.580	1.018	
11/23/2016 10:00:00 PM	691200.000	19.226
17.137	43.307	33837.219
39816.816	25.558	27.075
29.553	1.018	
11/23/2016 10:15:00 PM	692100.000	19.226
17.136	43.309	33870.203
39857.129	25.587	27.103
29.524	1.018	
11/23/2016 10:30:00 PM	693000.000	19.224
17.136	43.303	33864.113
39850.051	25.582	27.098
29.530	1.018	
11/23/2016 10:45:00 PM	693900.000	19.227
17.135	43.310	33867.324
39854.609	25.585	27.101
29.527	1.018	
11/23/2016 11:00:00 PM	694800.000	19.227
17.135	43.311	33855.820
39840.758	25.575	27.092
29.537	1.018	
11/23/2016 11:15:00 PM	695700.000	19.224
17.133	43.305	33869.207
39858.629	25.588	27.104
29.525	1.018	
11/23/2016 11:30:00 PM	696600.000	19.223
17.133	43.303	33873.535
39863.332	25.591	27.107
29.522	1.018	
11/23/2016 11:45:00 PM	697500.000	19.223
17.132	43.302	33864.039
39853.254	25.584	27.100
29.530	1.018	

Report Date: 11/28/2016 8:33:13 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_2016-11-24_16-39-07-623.wsl
Create Date: 11/24/2016 4:39:02 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	

Log Data:

Record Count: 843

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		
Elapsed Time	SN#: 392547	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)			
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
-----	-----	-----	-----
11/17/2016 12:00:00 AM	93600.000		119.904
20.352	270.096		37875.293
41565.254	26.937		28.264
26.402	1.019		
11/17/2016 12:15:00 AM	94500.000		119.931
20.350	270.157		37848.977
41538.359	26.918		28.246
26.421	1.019		
11/17/2016 12:30:00 AM	95400.000		119.932
20.347	270.159		37860.680
41553.789	26.929		28.257
26.413	1.019		
11/17/2016 12:45:00 AM	96300.000		119.951
20.343	270.200		37824.691
41517.336	26.902		28.232
26.438	1.019		
11/17/2016 1:00:00 AM	97200.000		119.969
20.354	270.241		37840.816
41525.742	26.909		28.238
26.426	1.019		
11/17/2016 1:15:00 AM	98100.000		119.983
20.353	270.273		37828.742
41513.410	26.900		28.229
26.435	1.019		
11/17/2016 1:30:00 AM	99000.000		120.023
20.354	270.364		37880.297
41568.996	26.940		28.267
26.399	1.019		
11/17/2016 1:45:00 AM	99900.000		119.991
20.359	270.292		37785.027
41460.563	26.862		28.193
26.466	1.018		
11/17/2016 2:00:00 AM	100800.000		120.006
20.355	270.324		37851.953
41537.504	26.917		28.246
26.419	1.019		
11/17/2016 2:15:00 AM	101700.000		120.001
20.352	270.314		37842.762
41530.012	26.912		28.240
26.425	1.019		
11/17/2016 2:30:00 AM	102600.000		119.996
20.353	270.304		37846.586
41532.535	26.914		28.242
26.422	1.019		
11/17/2016 2:45:00 AM	103500.000		119.975
20.354	270.256		37813.137
41495.070	26.887		28.217
26.446	1.018		
11/17/2016 3:00:00 AM	104400.000		119.989

20.349	270.286	37847.063
41536.867	26.917	28.245
26.422	1.019	
11/17/2016 3:15:00 AM	105300.000	119.990
20.351	270.289	37838.137
41525.465	26.908	28.237
26.428	1.019	
11/17/2016 3:30:00 AM	106200.000	119.987
20.350	270.283	37862.785
41553.664	26.929	28.256
26.411	1.019	
11/17/2016 3:45:00 AM	107100.000	119.974
20.351	270.252	37827.180
41513.367	26.900	28.229
26.436	1.019	
11/17/2016 4:00:00 AM	108000.000	119.971
20.358	270.247	37813.391
41492.145	26.885	28.215
26.446	1.018	
11/17/2016 4:15:00 AM	108900.000	119.962
20.353	270.225	37788.430
41468.793	26.868	28.199
26.463	1.018	
11/17/2016 4:30:00 AM	109800.000	119.958
20.351	270.217	37843.840
41531.813	26.913	28.242
26.424	1.019	
11/17/2016 4:45:00 AM	110700.000	119.944
20.345	270.186	37828.719
41520.621	26.905	28.234
26.435	1.019	
11/17/2016 5:00:00 AM	111600.000	119.939
20.351	270.175	37855.754
41545.113	26.922	28.251
26.416	1.019	
11/17/2016 5:15:00 AM	112500.000	119.922
20.348	270.136	37804.012
41490.844	26.883	28.214
26.452	1.018	
11/17/2016 5:30:00 AM	113400.000	119.912
20.354	270.114	37841.266
41526.391	26.909	28.238
26.426	1.019	
11/17/2016 5:45:00 AM	114300.000	119.906
20.356	270.100	37790.078
41468.168	26.867	28.198
26.462	1.018	
11/17/2016 6:00:00 AM	115200.000	119.913
20.358	270.116	37860.578
41544.234	26.922	28.250
26.413	1.019	
11/17/2016 6:15:00 AM	116100.000	119.910
20.359	270.108	37861.148
41543.871	26.922	28.250
26.412	1.019	
11/17/2016 6:30:00 AM	117000.000	119.905
20.354	270.099	37827.676

41511.176	26.898	28.228
26.436	1.019	
11/17/2016 6:45:00 AM	117900.000	119.911
20.354	270.111	37852.961
41538.926	26.918	28.246
26.418	1.019	
11/17/2016 7:00:00 AM	118800.000	119.937
20.350	270.169	37855.770
41545.273	26.923	28.251
26.416	1.019	
11/17/2016 7:15:00 AM	119700.000	119.931
20.354	270.156	37814.219
41496.258	26.887	28.217
26.445	1.018	
11/17/2016 7:30:00 AM	120600.000	119.919
20.355	270.130	37712.422
41383.859	26.807	28.141
26.516	1.018	
11/17/2016 7:45:00 AM	121500.000	119.931
20.355	270.157	37829.926
41513.332	26.900	28.229
26.434	1.019	
11/17/2016 8:00:00 AM	122400.000	119.940
20.349	270.177	37848.211
41537.824	26.917	28.246
26.421	1.019	
11/17/2016 8:15:00 AM	123300.000	119.960
20.351	270.222	37846.172
41534.066	26.915	28.243
26.423	1.019	
11/17/2016 8:30:00 AM	124200.000	119.977
20.351	270.261	37848.426
41536.301	26.916	28.245
26.421	1.019	
11/17/2016 8:45:00 AM	125100.000	119.993
20.351	270.296	37883.211
41574.715	26.944	28.271
26.397	1.019	
11/17/2016 9:00:00 AM	126000.000	120.014
20.350	270.343	37828.027
41515.066	26.901	28.230
26.435	1.019	
11/17/2016 9:15:00 AM	126900.000	120.029
20.348	270.377	37867.078
41559.977	26.933	28.261
26.408	1.019	
11/17/2016 9:30:00 AM	127800.000	120.065
20.346	270.458	37834.910
41525.891	26.909	28.238
26.431	1.019	
11/17/2016 9:45:00 AM	128700.000	120.083
20.349	270.499	37850.719
41541.258	26.920	28.248
26.420	1.019	
11/17/2016 10:00:00 AM	129600.000	120.099
20.349	270.535	37832.539
41521.082	26.905	28.234

26.432	1.019	
11/17/2016 10:15:00 AM	130500.000	120.133
20.348	270.611	37846.941
41537.957	26.917	28.246
26.422	1.019	
11/17/2016 10:30:00 AM	131400.000	120.140
20.347	270.627	37822.000
41511.262	26.898	28.228
26.440	1.019	
11/17/2016 10:45:00 AM	132300.000	120.162
20.351	270.678	37837.887
41525.430	26.908	28.237
26.429	1.019	
11/17/2016 11:00:00 AM	133200.000	120.202
20.349	270.767	37845.434
41534.930	26.915	28.244
26.423	1.019	
11/17/2016 11:15:00 AM	134100.000	120.235
20.354	270.841	37822.477
41505.695	26.894	28.224
26.439	1.019	
11/17/2016 11:30:00 AM	135000.000	120.228
20.348	270.825	37782.953
41467.730	26.867	28.198
26.467	1.018	
11/17/2016 11:45:00 AM	135900.000	120.242
20.348	270.858	37866.898
41559.938	26.933	28.261
26.408	1.019	
11/17/2016 12:00:00 PM	136800.000	120.262
20.348	270.901	37876.668
41570.730	26.941	28.268
26.401	1.019	
11/17/2016 12:15:00 PM	137700.000	120.272
20.346	270.925	37840.711
41532.563	26.913	28.242
26.427	1.019	
11/17/2016 12:30:00 PM	138600.000	120.274
20.352	270.930	37824.984
41510.117	26.897	28.227
26.438	1.019	
11/17/2016 12:45:00 PM	139500.000	120.286
20.354	270.957	37879.250
41568.297	26.939	28.266
26.400	1.019	
11/17/2016 1:00:00 PM	140400.000	120.272
20.353	270.925	37850.316
41537.465	26.917	28.245
26.420	1.019	
11/17/2016 1:15:00 PM	141300.000	120.272
20.354	270.925	37856.723
41543.051	26.921	28.249
26.415	1.019	
11/17/2016 1:30:00 PM	142200.000	120.275
20.352	270.932	37830.805
41516.504	26.902	28.231
26.433	1.019	

11/17/2016 1:45:00 PM	143100.000	120.257
20.354	270.892	37870.418
41557.930	26.932	28.259
26.406	1.019	
11/17/2016 2:00:00 PM	144000.000	120.242
20.352	270.858	37859.598
41548.340	26.925	28.253
26.413	1.019	
11/17/2016 2:15:00 PM	144900.000	120.220
20.353	270.807	37847.676
41533.957	26.915	28.243
26.422	1.019	
11/17/2016 2:30:00 PM	145800.000	120.218
20.352	270.802	37801.586
41484.059	26.879	28.209
26.454	1.018	
11/17/2016 2:45:00 PM	146700.000	120.196
20.343	270.754	37823.168
41516.281	26.901	28.231
26.439	1.019	
11/17/2016 3:00:00 PM	147600.000	120.184
20.347	270.727	37826.926
41516.520	26.902	28.231
26.436	1.019	
11/17/2016 3:15:00 PM	148500.000	120.140
20.344	270.627	37817.863
41509.313	26.897	28.226
26.443	1.019	
11/17/2016 3:30:00 PM	149400.000	120.109
20.348	270.558	37823.145
41511.383	26.898	28.228
26.439	1.019	
11/17/2016 3:45:00 PM	150300.000	120.069
20.352	270.466	37832.426
41518.668	26.903	28.233
26.432	1.019	
11/17/2016 4:00:00 PM	151200.000	120.051
20.348	270.427	37794.305
41479.570	26.875	28.206
26.459	1.018	
11/17/2016 4:15:00 PM	152100.000	120.009
20.349	270.333	37838.262
41527.133	26.910	28.238
26.428	1.019	
11/17/2016 4:30:00 PM	153000.000	119.965
20.353	270.233	37818.176
41501.582	26.891	28.221
26.442	1.019	
11/17/2016 4:45:00 PM	153900.000	119.942
20.352	270.182	37819.457
41503.668	26.893	28.222
26.441	1.019	
11/17/2016 5:00:00 PM	154800.000	119.905
20.353	270.099	37825.621
41510.066	26.897	28.227
26.437	1.019	
11/17/2016 5:15:00 PM	155700.000	119.875

20.352	270.029	37830.133
41515.387	26.901	28.230
26.434	1.019	
11/17/2016 5:30:00 PM	156600.000	119.843
20.351	269.957	37821.750
41507.184	26.895	28.225
26.440	1.019	
11/17/2016 5:45:00 PM	157500.000	119.807
20.352	269.876	37830.180
41516.055	26.902	28.231
26.434	1.019	
11/17/2016 6:00:00 PM	158400.000	119.769
20.352	269.791	37841.523
41528.504	26.911	28.239
26.426	1.019	
11/17/2016 6:15:00 PM	159300.000	119.766
20.358	269.784	37855.516
41538.293	26.918	28.246
26.416	1.019	
11/17/2016 6:30:00 PM	160200.000	119.741
20.358	269.728	37852.379
41535.383	26.916	28.244
26.418	1.019	
11/17/2016 6:45:00 PM	161100.000	119.693
20.356	269.621	37848.734
41532.688	26.914	28.242
26.421	1.019	
11/17/2016 7:00:00 PM	162000.000	119.671
20.352	269.572	37823.555
41508.168	26.896	28.226
26.439	1.019	
11/17/2016 7:15:00 PM	162900.000	119.674
20.355	269.576	37843.996
41528.316	26.911	28.239
26.424	1.019	
11/17/2016 7:30:00 PM	163800.000	119.649
20.356	269.520	37839.637
41522.855	26.907	28.236
26.427	1.019	
11/17/2016 7:45:00 PM	164700.000	119.612
20.355	269.438	37848.727
41533.816	26.915	28.243
26.421	1.019	
11/17/2016 8:00:00 PM	165600.000	119.623
20.351	269.462	37829.758
41516.195	26.902	28.231
26.434	1.019	
11/17/2016 8:15:00 PM	166500.000	119.612
20.353	269.439	37833.934
41519.188	26.904	28.233
26.431	1.019	
11/17/2016 8:30:00 PM	167400.000	119.593
20.353	269.394	37831.445
41515.996	26.902	28.231
26.433	1.019	
11/17/2016 8:45:00 PM	168300.000	119.603
20.353	269.418	37841.516

41526.969	26.910	28.238
26.426	1.019	
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20.354	269.383	37824.629
41507.680	26.896	28.225
26.438	1.019	
11/17/2016 9:15:00 PM	170100.000	119.618
20.350	269.452	37823.086
41509.406	26.897	28.226
26.439	1.019	
11/17/2016 9:30:00 PM	171000.000	119.619
20.354	269.455	37833.801
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26.431	1.019	
11/17/2016 9:45:00 PM	171900.000	119.623
20.358	269.462	37838.492
41520.145	26.905	28.234
26.428	1.019	
11/17/2016 10:00:00 PM	172800.000	119.628
20.357	269.473	37861.582
41546.172	26.923	28.251
26.412	1.019	
11/17/2016 10:15:00 PM	173700.000	119.671
20.355	269.572	37829.023
41511.742	26.899	28.228
26.435	1.019	
11/17/2016 10:30:00 PM	174600.000	119.684
20.348	269.601	37847.492
41538.324	26.918	28.246
26.422	1.019	
11/17/2016 10:45:00 PM	175500.000	119.689
20.346	269.612	37811.953
41500.918	26.891	28.221
26.447	1.019	
11/17/2016 11:00:00 PM	176400.000	119.712
20.347	269.664	37858.723
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26.414	1.019	
11/17/2016 11:15:00 PM	177300.000	119.747
20.347	269.742	37812.660
41500.625	26.890	28.220
26.446	1.019	
11/17/2016 11:30:00 PM	178200.000	119.748
20.351	269.743	37836.473
41523.340	26.907	28.236
26.430	1.019	
11/17/2016 11:45:00 PM	179100.000	119.774
20.354	269.803	37816.410
41499.188	26.890	28.219
26.444	1.019	
11/18/2016 12:00:00 AM	180000.000	119.792
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26.435	1.019	
11/18/2016 12:15:00 AM	180900.000	119.815
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41499.582	26.890	28.220

26.446	1.019	
11/18/2016 12:30:00 AM	181800.000	119.844
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26.437	1.019	
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20.348	270.030	37827.543
41516.508	26.902	28.231
26.436	1.019	
11/18/2016 1:00:00 AM	183600.000	119.887
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41509.094	26.897	28.226
26.439	1.019	
11/18/2016 1:15:00 AM	184500.000	119.890
20.352	270.065	37801.051
41484.090	26.879	28.209
26.454	1.018	
11/18/2016 1:30:00 AM	185400.000	119.905
20.355	270.099	37882.102
41569.832	26.940	28.267
26.398	1.019	
11/18/2016 1:45:00 AM	186300.000	119.943
20.351	270.184	37845.734
41533.660	26.914	28.243
26.423	1.019	
11/18/2016 2:00:00 AM	187200.000	119.948
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41529.590	26.911	28.240
26.429	1.019	
11/18/2016 2:15:00 AM	188100.000	119.944
20.350	270.186	37849.277
41538.766	26.918	28.246
26.421	1.019	
11/18/2016 2:30:00 AM	189000.000	119.956
20.345	270.213	37852.492
41546.254	26.923	28.251
26.418	1.019	
11/18/2016 2:45:00 AM	189900.000	119.964
20.347	270.230	37783.793
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26.466	1.018	
11/18/2016 3:00:00 AM	190800.000	119.982
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26.441	1.019	
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20.353	270.261	37815.758
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26.444	1.018	
11/18/2016 3:30:00 AM	192600.000	119.974
20.348	270.252	37848.191
41538.945	26.918	28.246
26.421	1.019	
11/18/2016 3:45:00 AM	193500.000	119.966
20.345	270.235	37836.398
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26.430	1.019	

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20.349	270.230	37807.781
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26.450	1.018	
11/18/2016 4:15:00 AM	195300.000	119.957
20.343	270.216	37762.273
41448.824	26.853	28.185
26.481	1.018	
11/18/2016 4:30:00 AM	196200.000	119.969
20.347	270.241	37871.465
41565.402	26.937	28.264
26.405	1.019	
11/18/2016 4:45:00 AM	197100.000	119.962
20.353	270.225	37839.926
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26.427	1.019	
11/18/2016 5:00:00 AM	198000.000	119.952
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26.441	1.019	
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26.452	1.018	
11/18/2016 5:30:00 AM	199800.000	119.932
20.352	270.159	37847.027
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26.422	1.019	
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20.357	270.154	37808.836
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26.449	1.018	
11/18/2016 6:00:00 AM	201600.000	119.908
20.355	270.106	37814.203
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26.445	1.018	
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20.353	270.108	37855.180
41541.965	26.920	28.249
26.416	1.019	
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20.352	270.156	37841.855
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26.426	1.019	
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20.353	270.104	37841.574
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26.426	1.019	
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11/18/2016 8:00:00 AM	208800.000	119.888
20.354	270.060	37826.762
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26.436	1.019	
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20.351	270.111	37841.035
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26.472	1.018	
11/18/2016 9:00:00 AM	212400.000	119.933
20.351	270.161	37880.316
41571.297	26.941	28.268
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11/18/2016 9:15:00 AM	213300.000	119.942
20.354	270.180	37845.742
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26.423	1.019	
11/18/2016 9:30:00 AM	214200.000	119.952
20.349	270.204	37855.543
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26.416	1.019	
11/18/2016 9:45:00 AM	215100.000	119.967
20.350	270.238	37790.164
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26.462	1.018	
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20.353	270.283	37836.313
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26.430	1.019	
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41510.371	26.898	28.227
26.437	1.019	
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20.350	270.366	37839.184
41527.387	26.910	28.239
26.428	1.019	
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20.351	270.461	37813.906

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26.445	1.019	
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26.455	1.018	
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41539.992	26.919	28.247
26.419	1.019	
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26.443	1.019	
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20.345	270.706	37818.914
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26.442	1.019	
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41523.578	26.907	28.236
26.432	1.019	
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41524.523	26.908	28.237
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26.455	1.018	
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41550.367	26.926	28.254

26.413	1.019	
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26.418	1.019	
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20.353	270.664	37842.043
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26.426	1.019	
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20.351	270.639	37831.156
41517.805	26.903	28.232
26.433	1.019	
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20.355	270.588	37819.855
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26.441	1.019	
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26.423	1.019	
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26.419	1.019	
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26.437	1.019	
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41523.164	26.907	28.236
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26.421	1.019	
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26.449	1.018	
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26.435	1.019	
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20.347	269.907	37855.340
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26.416	1.019	
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20.344	270.007	37830.238
41523.203	26.906	28.236
26.434	1.019	
11/19/2016 1:15:00 AM	270900.000	119.876
20.346	270.032	37839.207

41530.984	26.912	28.241
26.428	1.019	
11/19/2016 1:30:00 AM	271800.000	119.906
20.348	270.100	37843.895
41534.535	26.915	28.243
26.424	1.019	
11/19/2016 1:45:00 AM	272700.000	119.927
20.350	270.147	37779.938
41462.742	26.863	28.195
26.469	1.018	
11/19/2016 2:00:00 AM	273600.000	119.944
20.347	270.186	37855.355
41547.484	26.924	28.252
26.416	1.019	
11/19/2016 2:15:00 AM	274500.000	119.974
20.347	270.252	37830.449
41520.234	26.904	28.234
26.434	1.019	
11/19/2016 2:30:00 AM	275400.000	119.980
20.341	270.266	37851.375
41548.836	26.925	28.253
26.419	1.019	
11/19/2016 2:45:00 AM	276300.000	119.999
20.343	270.309	37796.117
41486.133	26.880	28.211
26.458	1.018	
11/19/2016 3:00:00 AM	277200.000	120.030
20.346	270.380	37859.184
41552.910	26.928	28.256
26.414	1.019	
11/19/2016 3:15:00 AM	278100.000	120.026
20.345	270.369	37754.766
41439.066	26.846	28.179
26.487	1.018	
11/19/2016 3:30:00 AM	279000.000	120.041
20.344	270.404	37831.219
41523.969	26.907	28.236
26.433	1.019	
11/19/2016 3:45:00 AM	279900.000	120.055
20.346	270.436	37799.867
41487.730	26.881	28.212
26.455	1.018	
11/19/2016 4:00:00 AM	280800.000	120.063
20.348	270.455	37828.570
41517.559	26.903	28.232
26.435	1.019	
11/19/2016 4:15:00 AM	281700.000	120.056
20.349	270.438	37844.539
41534.020	26.914	28.243
26.424	1.019	
11/19/2016 4:30:00 AM	282600.000	120.074
20.355	270.479	37837.176
41521.289	26.905	28.234
26.429	1.019	
11/19/2016 4:45:00 AM	283500.000	120.077
20.349	270.486	37793.609
41478.508	26.875	28.205

26.459	1.018	
11/19/2016 5:00:00 AM	284400.000	120.068
20.340	270.465	37847.496
41544.887	26.922	28.251
26.422	1.019	
11/19/2016 5:15:00 AM	285300.000	120.072
20.344	270.474	37840.949
41534.270	26.914	28.243
26.426	1.019	
11/19/2016 5:30:00 AM	286200.000	120.075
20.346	270.482	37854.613
41547.594	26.924	28.252
26.417	1.019	
11/19/2016 5:45:00 AM	287100.000	120.064
20.352	270.457	37844.445
41531.637	26.913	28.242
26.424	1.019	
11/19/2016 6:00:00 AM	288000.000	120.055
20.348	270.436	37841.551
41532.188	26.913	28.242
26.426	1.019	
11/19/2016 6:15:00 AM	288900.000	120.048
20.352	270.420	37805.648
41488.824	26.882	28.212
26.451	1.018	
11/19/2016 6:30:00 AM	289800.000	120.063
20.355	270.455	37863.809
41549.680	26.926	28.254
26.410	1.019	
11/19/2016 6:45:00 AM	290700.000	120.054
20.356	270.434	37863.305
41548.594	26.925	28.253
26.411	1.019	
11/19/2016 7:00:00 AM	291600.000	120.038
20.352	270.396	37847.773
41535.438	26.916	28.244
26.422	1.019	
11/19/2016 7:15:00 AM	292500.000	120.029
20.349	270.377	37827.063
41514.996	26.901	28.230
26.436	1.019	
11/19/2016 7:30:00 AM	293400.000	120.026
20.348	270.369	37829.578
41518.516	26.903	28.233
26.434	1.019	
11/19/2016 7:45:00 AM	294300.000	120.024
20.347	270.366	37781.902
41466.793	26.866	28.197
26.468	1.018	
11/19/2016 8:00:00 AM	295200.000	120.020
20.352	270.357	37837.816
41524.363	26.908	28.237
26.429	1.019	
11/19/2016 8:15:00 AM	296100.000	120.021
20.350	270.360	37836.156
41524.137	26.907	28.236
26.430	1.019	

11/19/2016 8:30:00 AM	297000.000	120.014
20.350	270.343	37833.449
41520.781	26.905	28.234
26.432	1.019	
11/19/2016 8:45:00 AM	297900.000	120.014
20.351	270.344	37825.141
41511.441	26.898	28.228
26.437	1.019	
11/19/2016 9:00:00 AM	298800.000	120.014
20.354	270.343	37839.984
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26.427	1.019	
11/19/2016 9:15:00 AM	299700.000	120.027
20.355	270.372	37763.953
41440.938	26.848	28.180
26.480	1.018	
11/19/2016 9:30:00 AM	300600.000	120.021
20.353	270.360	37872.543
41561.316	26.934	28.262
26.404	1.019	
11/19/2016 9:45:00 AM	301500.000	120.036
20.352	270.393	37845.703
41532.852	26.914	28.242
26.423	1.019	
11/19/2016 10:00:00 AM	302400.000	120.029
20.356	270.377	37829.063
41510.867	26.898	28.227
26.435	1.019	
11/19/2016 10:15:00 AM	303300.000	120.042
20.351	270.406	37791.414
41474.047	26.871	28.202
26.461	1.018	
11/19/2016 10:30:00 AM	304200.000	120.056
20.350	270.438	37815.141
41501.223	26.891	28.221
26.444	1.019	
11/19/2016 10:45:00 AM	305100.000	120.072
20.349	270.474	37852.367
41542.922	26.921	28.249
26.418	1.019	
11/19/2016 11:00:00 AM	306000.000	120.083
20.353	270.499	37847.949
41534.785	26.915	28.244
26.422	1.019	
11/19/2016 11:15:00 AM	306900.000	120.095
20.353	270.525	37830.770
41516.016	26.902	28.231
26.434	1.019	
11/19/2016 11:30:00 AM	307800.000	120.119
20.353	270.579	37839.316
41524.707	26.908	28.237
26.428	1.019	
11/19/2016 11:45:00 AM	308700.000	120.136
20.348	270.617	37833.074
41522.813	26.906	28.236
26.432	1.019	
11/19/2016 12:00:00 PM	309600.000	120.132

20.346	270.609	37860.578
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26.413	1.019	
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20.347	270.693	37822.754
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26.439	1.019	
11/19/2016 12:30:00 PM	311400.000	120.172
20.351	270.700	37842.359
41530.258	26.912	28.241
26.425	1.019	
11/19/2016 12:45:00 PM	312300.000	120.183
20.353	270.724	37809.266
41491.957	26.884	28.215
26.449	1.018	
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20.351	270.767	37852.195
41540.895	26.919	28.248
26.419	1.019	
11/19/2016 1:15:00 PM	314100.000	120.220
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41540.340	26.919	28.247
26.422	1.019	
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20.352	270.863	37830.117
41515.836	26.901	28.231
26.434	1.019	
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26.427	1.019	
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20.352	270.871	37835.680
41521.707	26.906	28.235
26.430	1.019	
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20.349	270.883	37816.078
41503.242	26.892	28.222
26.444	1.019	
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26.417	1.019	
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11/19/2016 3:00:00 PM	320400.000	120.256
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26.416	1.019	
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26.429	1.019	
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26.447	1.019	
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20.353	270.812	37843.922
41529.988	26.912	28.240
26.424	1.019	
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20.353	270.802	37832.133
41517.512	26.903	28.232
26.433	1.019	
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20.353	270.782	37841.230
41527.035	26.910	28.238
26.426	1.019	
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26.437	1.019	
11/19/2016 5:00:00 PM	327600.000	120.172
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41514.609	26.901	28.230
26.434	1.019	
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20.352	270.653	37803.656
41487.023	26.881	28.211
26.452	1.018	
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41519.008	26.904	28.233
26.433	1.019	
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41509.164	26.897	28.226
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26.440	1.019	
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26.430	1.019	
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26.443	1.019	
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26.447	1.018	
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26.433	1.019	
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26.422	1.019	

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26.436	1.019	
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41538.094	26.918	28.246
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26.421	1.019	
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20.354	269.923	37840.176
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26.427	1.019	
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20.352	269.962	37791.102
41473.242	26.871	28.202
26.461	1.018	
11/20/2016 12:45:00 AM	355500.000	119.866
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41501.133	26.891	28.221
26.448	1.019	
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11/20/2016 1:30:00 AM	358200.000	119.930
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41519.973	26.904	28.234
26.433	1.019	
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26.433	1.019	
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26.427	1.019	
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26.420	1.019	
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26.454	1.018	
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26.428	1.019	
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26.432	1.019	
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20.343	270.716	37840.043
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26.427	1.019	
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20.343	270.719	37797.488
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26.457	1.018	
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20.346	270.763	37817.230
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26.428	1.019	
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26.427	1.019	
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26.434	1.019	
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26.409	1.019	
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26.438	1.019	
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26.434	1.019	
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41513.840	26.900	28.229
26.433	1.019	
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26.442	1.019	
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26.421	1.019	
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26.445	1.019	
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20.353	270.652	37831.801
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26.433	1.019	
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26.440	1.019	
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20.352	270.548	37797.473
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26.457	1.018	
11/20/2016 9:45:00 AM	387900.000	120.112
20.352	270.563	37871.773
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26.405	1.019	
11/20/2016 10:00:00 AM	388800.000	120.104
20.351	270.545	37828.180
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26.435	1.019	
11/20/2016 10:15:00 AM	389700.000	120.113
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26.428	1.019	
11/20/2016 10:30:00 AM	390600.000	120.101
20.352	270.540	37821.613
41506.035	26.894	28.224
26.440	1.019	
11/20/2016 10:45:00 AM	391500.000	120.115
20.351	270.571	37854.520
41543.531	26.921	28.250
26.417	1.019	
11/20/2016 11:00:00 AM	392400.000	120.113
20.352	270.566	37798.043
41480.715	26.876	28.207
26.456	1.018	
11/20/2016 11:15:00 AM	393300.000	120.112
20.350	270.563	37836.598
41524.473	26.908	28.237
26.429	1.019	
11/20/2016 11:30:00 AM	394200.000	120.113
20.352	270.566	37817.246
41501.938	26.891	28.221
26.443	1.019	
11/20/2016 11:45:00 AM	395100.000	120.123
20.351	270.588	37815.875
41501.418	26.891	28.221
26.444	1.019	
11/20/2016 12:00:00 PM	396000.000	120.130
20.352	270.604	37818.145
41502.996	26.892	28.222
26.442	1.019	
11/20/2016 12:15:00 PM	396900.000	120.145
20.348	270.639	37809.793
41497.332	26.888	28.218
26.448	1.019	
11/20/2016 12:30:00 PM	397800.000	120.154
20.345	270.657	37819.965
41510.555	26.897	28.227
26.441	1.019	
11/20/2016 12:45:00 PM	398700.000	120.167
20.347	270.687	37828.355
41518.543	26.903	28.233
26.435	1.019	

11/20/2016 1:00:00 PM	399600.000	120.172
20.349	270.700	37823.500
41511.160	26.898	28.228
26.439	1.019	
11/20/2016 1:15:00 PM	400500.000	120.190
20.354	270.741	37855.629
41542.078	26.920	28.249
26.416	1.019	
11/20/2016 1:30:00 PM	401400.000	120.202
20.350	270.767	37807.789
41492.617	26.885	28.215
26.450	1.018	
11/20/2016 1:45:00 PM	402300.000	120.218
20.343	270.802	37828.688
41521.809	26.905	28.235
26.435	1.019	
11/20/2016 2:00:00 PM	403200.000	120.226
20.345	270.821	37833.398
41525.527	26.908	28.237
26.432	1.019	
11/20/2016 2:15:00 PM	404100.000	120.232
20.345	270.834	37821.441
41512.105	26.899	28.228
26.440	1.019	
11/20/2016 2:30:00 PM	405000.000	120.248
20.344	270.871	37810.715
41501.320	26.891	28.221
26.448	1.019	
11/20/2016 2:45:00 PM	405900.000	120.259
20.349	270.896	37830.707
41519.148	26.904	28.233
26.434	1.019	
11/20/2016 3:00:00 PM	406800.000	120.257
20.352	270.892	37868.434
41557.797	26.932	28.259
26.407	1.019	
11/20/2016 3:15:00 PM	407700.000	120.271
20.351	270.923	37821.980
41508.047	26.896	28.225
26.440	1.019	
11/20/2016 3:30:00 PM	408600.000	120.275
20.351	270.932	37849.117
41537.215	26.917	28.245
26.421	1.019	
11/20/2016 3:45:00 PM	409500.000	120.279
20.352	270.940	37863.313
41551.957	26.927	28.255
26.411	1.019	
11/20/2016 4:00:00 PM	410400.000	120.278
20.349	270.937	37760.684
41442.301	26.848	28.181
26.483	1.018	
11/20/2016 4:15:00 PM	411300.000	120.280
20.349	270.943	37856.109
41547.176	26.924	28.252
26.416	1.019	
11/20/2016 4:30:00 PM	412200.000	120.276

20.349	270.934	37828.598
41516.906	26.902	28.231
26.435	1.019	
11/20/2016 4:45:00 PM	413100.000	120.298
20.350	270.983	37850.281
41539.332	26.918	28.247
26.420	1.019	
11/20/2016 5:00:00 PM	414000.000	120.284
20.351	270.952	37864.105
41554.277	26.929	28.257
26.410	1.019	
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20.347	270.899	37828.000
41517.387	26.902	28.232
26.435	1.019	
11/20/2016 5:30:00 PM	415800.000	120.240
20.348	270.852	37836.941
41526.598	26.909	28.238
26.429	1.019	
11/20/2016 5:45:00 PM	416700.000	120.236
20.347	270.843	37838.477
41529.418	26.911	28.240
26.428	1.019	
11/20/2016 6:00:00 PM	417600.000	120.242
20.350	270.858	37835.832
41523.781	26.907	28.236
26.430	1.019	
11/20/2016 6:15:00 PM	418500.000	120.211
20.346	270.787	37852.414
41545.859	26.923	28.251
26.418	1.019	
11/20/2016 6:30:00 PM	419400.000	120.186
20.352	270.732	37818.715
41502.855	26.892	28.222
26.442	1.019	
11/20/2016 6:45:00 PM	420300.000	120.163
20.349	270.680	37841.180
41530.332	26.912	28.241
26.426	1.019	
11/20/2016 7:00:00 PM	421200.000	120.154
20.347	270.657	37798.789
41485.938	26.880	28.210
26.456	1.018	
11/20/2016 7:15:00 PM	422100.000	120.136
20.348	270.617	37817.773
41505.488	26.894	28.224
26.443	1.019	
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20.351	270.542	37823.844
41509.707	26.897	28.227
26.438	1.019	
11/20/2016 7:45:00 PM	423900.000	120.098
20.351	270.533	37826.195
41512.672	26.899	28.229
26.437	1.019	
11/20/2016 8:00:00 PM	424800.000	120.059
20.351	270.444	37799.832

41483.586	26.878	28.209
26.455	1.018	
11/20/2016 8:15:00 PM	425700.000	120.052
20.347	270.428	37841.949
41532.695	26.913	28.242
26.426	1.019	
11/20/2016 8:30:00 PM	426600.000	120.023
20.344	270.363	37845.480
41539.164	26.918	28.247
26.423	1.019	
11/20/2016 8:45:00 PM	427500.000	120.029
20.347	270.377	37814.309
41502.973	26.892	28.222
26.445	1.019	
11/20/2016 9:00:00 PM	428400.000	120.004
20.350	270.320	37806.996
41492.059	26.884	28.215
26.450	1.018	
11/20/2016 9:15:00 PM	429300.000	119.967
20.352	270.238	37847.969
41535.266	26.915	28.244
26.421	1.019	
11/20/2016 9:30:00 PM	430200.000	119.965
20.353	270.233	37806.855
41489.543	26.883	28.213
26.450	1.018	
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20.357	270.245	37848.836
41532.340	26.914	28.242
26.421	1.019	
11/20/2016 10:00:00 PM	432000.000	119.955
20.357	270.211	37830.984
41512.219	26.899	28.228
26.433	1.019	
11/20/2016 10:15:00 PM	432900.000	119.935
20.358	270.166	37853.234
41535.938	26.916	28.244
26.418	1.019	
11/20/2016 10:30:00 PM	433800.000	119.898
20.358	270.083	37829.000
41509.199	26.897	28.226
26.435	1.019	
11/20/2016 10:45:00 PM	434700.000	119.903
20.356	270.094	37802.961
41482.609	26.878	28.208
26.453	1.018	
11/20/2016 11:00:00 PM	435600.000	119.921
20.359	270.135	37828.918
41507.973	26.896	28.225
26.435	1.019	
11/20/2016 11:15:00 PM	436500.000	119.889
20.356	270.062	37831.773
41514.301	26.900	28.230
26.433	1.019	
11/20/2016 11:30:00 PM	437400.000	119.923
20.353	270.138	37805.938
41487.926	26.881	28.212

26.451	1.018	
11/20/2016 11:45:00 PM	438300.000	119.924
20.356	270.141	37862.395
41547.977	26.925	28.253
26.411	1.019	
11/21/2016 12:00:00 AM	439200.000	119.910
20.355	270.108	37838.641
41522.367	26.906	28.235
26.428	1.019	
11/21/2016 12:15:00 AM	440100.000	119.932
20.353	270.159	37841.809
41527.898	26.910	28.239
26.426	1.019	
11/21/2016 12:30:00 AM	441000.000	119.930
20.349	270.154	37851.621
41541.719	26.920	28.248
26.419	1.019	
11/21/2016 12:45:00 AM	441900.000	119.933
20.353	270.161	37865.000
41553.426	26.929	28.256
26.410	1.019	
11/21/2016 1:00:00 AM	442800.000	119.956
20.346	270.213	37814.246
41503.363	26.892	28.222
26.445	1.019	
11/21/2016 1:15:00 AM	443700.000	119.966
20.350	270.235	37830.879
41518.648	26.903	28.233
26.433	1.019	
11/21/2016 1:30:00 AM	444600.000	119.984
20.351	270.275	37845.059
41533.148	26.914	28.243
26.424	1.019	
11/21/2016 1:45:00 AM	445500.000	120.002
20.351	270.316	37835.012
41522.195	26.906	28.235
26.431	1.019	
11/21/2016 2:00:00 AM	446400.000	120.020
20.351	270.357	37825.227
41511.078	26.898	28.228
26.437	1.019	
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20.351	270.414	37826.668
41512.578	26.899	28.229
26.436	1.019	
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20.347	270.445	37824.488
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26.438	1.019	
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20.348	270.518	37854.234
41545.723	26.923	28.251
26.417	1.019	
11/21/2016 3:00:00 AM	450000.000	120.116
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41514.113	26.900	28.230
26.439	1.019	

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26.427	1.019	
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20.346	270.669	37823.246
41513.391	26.900	28.229
26.439	1.019	
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26.418	1.019	
11/21/2016 4:00:00 AM	453600.000	120.197
20.346	270.756	37848.762
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26.421	1.019	
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20.348	270.798	37829.969
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26.434	1.019	
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26.433	1.019	
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41499.953	26.890	28.220
26.445	1.019	
11/21/2016 5:15:00 AM	458100.000	120.275
20.356	270.932	37847.309
41531.422	26.913	28.241
26.422	1.019	
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20.349	270.940	37845.898
41535.285	26.915	28.244
26.423	1.019	
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26.413	1.019	
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20.353	270.983	37839.137
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26.428	1.019	
11/21/2016 6:15:00 AM	461700.000	120.306
20.353	271.000	37848.758
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26.421	1.019	
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26.464	1.018	
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26.422	1.019	
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26.428	1.019	
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20.349	270.852	37806.305
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26.451	1.018	
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20.349	270.821	37820.906
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26.456	1.018	
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26.445	1.018	
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26.431	1.019	
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26.428	1.019	
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26.435	1.019	
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26.431	1.019	
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41532.742	26.914	28.242
26.424	1.019	
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26.433	1.019	
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26.444	1.019	
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41510.473	26.898	28.227
26.439	1.019	
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20.354	271.000	37791.938
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26.461	1.018	
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26.431	1.019	

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26.437	1.019	
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26.441	1.019	
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26.439	1.019	
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20.345	270.960	37767.715
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26.478	1.018	
11/21/2016 6:45:00 PM	506700.000	120.280
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41524.422	26.907	28.237
26.432	1.019	
11/21/2016 7:00:00 PM	507600.000	120.271
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41511.402	26.898	28.228
26.442	1.019	
11/21/2016 7:15:00 PM	508500.000	120.253
20.349	270.883	37858.945
41550.215	26.926	28.254
26.414	1.019	
11/21/2016 7:30:00 PM	509400.000	120.253
20.349	270.881	37834.988
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26.431	1.019	
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41507.391	26.895	28.225
26.442	1.019	
11/21/2016 8:00:00 PM	511200.000	120.194
20.345	270.749	37799.313
41488.113	26.881	28.212
26.456	1.018	
11/21/2016 8:15:00 PM	512100.000	120.178
20.349	270.712	37850.711
41541.023	26.919	28.248
26.420	1.019	
11/21/2016 8:30:00 PM	513000.000	120.172
20.350	270.699	37819.715
41505.785	26.894	28.224
26.441	1.019	
11/21/2016 8:45:00 PM	513900.000	120.149
20.352	270.647	37843.086
41530.148	26.912	28.241
26.425	1.019	
11/21/2016 9:00:00 PM	514800.000	120.137

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41499.797	26.890	28.220
26.445	1.019	
11/21/2016 9:15:00 PM	515700.000	120.097
20.351	270.530	37854.531
41543.383	26.921	28.250
26.417	1.019	
11/21/2016 9:30:00 PM	516600.000	120.087
20.349	270.508	37855.902
41546.648	26.924	28.252
26.416	1.019	
11/21/2016 9:45:00 PM	517500.000	120.068
20.349	270.465	37856.340
41546.973	26.924	28.252
26.416	1.019	
11/21/2016 10:00:00 PM	518400.000	120.085
20.349	270.502	37784.051
41468.164	26.867	28.198
26.466	1.018	
11/21/2016 10:15:00 PM	519300.000	120.038
20.349	270.396	37815.359
41502.379	26.892	28.222
26.444	1.019	
11/21/2016 10:30:00 PM	520200.000	120.017
20.349	270.349	37799.875
41485.234	26.879	28.210
26.455	1.018	
11/21/2016 10:45:00 PM	521100.000	120.012
20.349	270.339	37836.984
41525.961	26.909	28.238
26.429	1.019	
11/21/2016 11:00:00 PM	522000.000	119.998
20.350	270.306	37826.238
41512.945	26.899	28.229
26.437	1.019	
11/21/2016 11:15:00 PM	522900.000	119.983
20.353	270.273	37854.988
41542.211	26.920	28.249
26.417	1.019	
11/21/2016 11:30:00 PM	523800.000	119.997
20.352	270.305	37829.570
41514.855	26.901	28.230
26.434	1.019	
11/21/2016 11:45:00 PM	524700.000	119.977
20.354	270.261	37860.566
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26.413	1.019	
11/22/2016 12:00:00 AM	525600.000	119.969
20.355	270.243	37832.043
41515.656	26.901	28.231
26.433	1.019	
11/22/2016 12:15:00 AM	526500.000	119.967
20.353	270.238	37822.414
41506.160	26.895	28.224
26.439	1.019	
11/22/2016 12:30:00 AM	527400.000	119.976
20.353	270.258	37814.180

41497.270	26.888	28.218
26.445	1.018	
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26.419	1.019	
11/22/2016 1:00:00 AM	529200.000	119.995
20.352	270.300	37831.598
41517.539	26.903	28.232
26.433	1.019	
11/22/2016 1:15:00 AM	530100.000	120.016
20.353	270.347	37844.926
41531.168	26.913	28.241
26.424	1.019	
11/22/2016 1:30:00 AM	531000.000	119.992
20.354	270.294	37824.160
41507.391	26.895	28.225
26.438	1.019	
11/22/2016 1:45:00 AM	531900.000	120.014
20.351	270.344	37827.254
41513.379	26.900	28.229
26.436	1.019	
11/22/2016 2:00:00 AM	532800.000	120.053
20.350	270.430	37839.230
41527.438	26.910	28.239
26.428	1.019	
11/22/2016 2:15:00 AM	533700.000	120.042
20.349	270.406	37818.973
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26.442	1.019	
11/22/2016 2:30:00 AM	534600.000	120.074
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41479.547	26.875	28.206
26.458	1.018	
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20.347	270.510	37841.793
41532.527	26.913	28.242
26.426	1.019	
11/22/2016 3:00:00 AM	536400.000	120.101
20.347	270.540	37843.426
41535.082	26.915	28.244
26.425	1.019	
11/22/2016 3:15:00 AM	537300.000	120.122
20.348	270.586	37833.602
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26.432	1.019	
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20.352	270.647	37838.910
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26.428	1.019	
11/22/2016 3:45:00 AM	539100.000	120.168
20.350	270.690	37853.320
41542.746	26.921	28.249
26.418	1.019	
11/22/2016 4:00:00 AM	540000.000	120.184
20.352	270.726	37831.125
41516.941	26.902	28.232

26.433	1.019	
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26.428	1.019	
11/22/2016 4:30:00 AM	541800.000	120.227
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41508.836	26.896	28.226
26.439	1.019	
11/22/2016 4:45:00 AM	542700.000	120.240
20.350	270.852	37835.012
41523.266	26.907	28.236
26.431	1.019	
11/22/2016 5:00:00 AM	543600.000	120.270
20.349	270.919	37807.008
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26.450	1.018	
11/22/2016 5:15:00 AM	544500.000	120.283
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26.434	1.019	
11/22/2016 5:30:00 AM	545400.000	120.296
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26.433	1.019	
11/22/2016 5:45:00 AM	546300.000	120.317
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41499.547	26.890	28.220
26.442	1.018	
11/22/2016 6:00:00 AM	547200.000	120.333
20.352	271.061	37789.707
41471.328	26.869	28.201
26.462	1.018	
11/22/2016 6:15:00 AM	548100.000	120.339
20.349	271.075	37843.102
41532.754	26.914	28.242
26.425	1.019	
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20.351	271.115	37824.910
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26.438	1.019	
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26.436	1.019	
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26.426	1.019	
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20.354	271.115	37862.383
41549.789	26.926	28.254
26.411	1.019	
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20.353	271.110	37758.793
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26.484	1.018	

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20.351	271.128	37843.043
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26.425	1.019	
11/22/2016 8:00:00 AM	554400.000	120.348
20.353	271.097	37835.332
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26.430	1.019	
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20.349	271.099	37832.695
41520.793	26.905	28.234
26.432	1.019	
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20.350	271.069	37785.043
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26.465	1.018	
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20.343	271.031	37819.707
41512.023	26.898	28.228
26.441	1.019	
11/22/2016 9:15:00 AM	558900.000	120.312
20.342	271.013	37821.211
41514.359	26.900	28.230
26.440	1.019	
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20.343	270.983	37817.867
41510.305	26.897	28.227
26.443	1.019	
11/22/2016 9:45:00 AM	560700.000	120.285
20.342	270.953	37841.750
41536.906	26.916	28.245
26.426	1.019	
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26.450	1.019	
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20.348	270.886	37806.434
41493.113	26.885	28.215
26.451	1.018	
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20.350	270.855	37817.180
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26.443	1.019	
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26.437	1.019	
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26.465	1.018	
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26.448	1.019	
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26.459	1.018	
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11/22/2016 12:30:00 PM	570600.000	120.173
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26.466	1.018	
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26.439	1.019	
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26.443	1.019	
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41516.285	26.902	28.231
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26.465	1.018	
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26.434	1.019	
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26.471	1.018	
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26.437	1.019	
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26.443	1.019	
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26.431	1.019	
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26.442	1.019	
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26.435	1.019	
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26.422	1.019	
11/23/2016 5:00:00 AM	630000.000	120.250
20.347	270.875	37813.691

41501.926	26.891	28.221
26.445	1.019	
11/23/2016 5:15:00 AM	630900.000	120.257
20.349	270.892	37822.691
41509.969	26.897	28.227
26.439	1.019	
11/23/2016 5:30:00 AM	631800.000	120.267
20.341	270.912	37833.500
41529.063	26.911	28.240
26.432	1.019	
11/23/2016 5:45:00 AM	632700.000	120.297
20.342	270.980	37814.492
41507.055	26.895	28.225
26.445	1.019	
11/23/2016 6:00:00 AM	633600.000	120.297
20.345	270.980	37870.082
41565.492	26.937	28.265
26.406	1.019	
11/23/2016 6:15:00 AM	634500.000	120.325
20.342	271.045	37812.816
41505.375	26.894	28.224
26.446	1.019	
11/23/2016 6:30:00 AM	635400.000	120.334
20.346	271.065	37817.234
41506.566	26.895	28.224
26.443	1.019	
11/23/2016 6:45:00 AM	636300.000	120.334
20.350	271.065	37802.336
41486.711	26.880	28.211
26.453	1.018	
11/23/2016 7:00:00 AM	637200.000	120.351
20.345	271.102	37812.258
41502.555	26.892	28.222
26.446	1.019	
11/23/2016 7:15:00 AM	638100.000	120.327
20.344	271.048	37850.883
41545.336	26.922	28.251
26.419	1.019	
11/23/2016 7:30:00 AM	639000.000	120.360
20.345	271.122	37823.594
41514.383	26.900	28.230
26.439	1.019	
11/23/2016 7:45:00 AM	639900.000	120.358
20.345	271.118	37815.410
41505.402	26.894	28.224
26.444	1.019	
11/23/2016 8:00:00 AM	640800.000	120.354
20.341	271.110	37828.129
41523.020	26.906	28.236
26.435	1.019	
11/23/2016 8:15:00 AM	641700.000	120.364
20.344	271.132	37735.969
41418.965	26.832	28.165
26.500	1.018	
11/23/2016 8:30:00 AM	642600.000	120.358
20.350	271.119	37827.449
41514.355	26.900	28.230

26.436	1.019	
11/23/2016 8:45:00 AM	643500.000	120.354
20.350	271.108	37863.461
41554.254	26.929	28.257
26.411	1.019	
11/23/2016 9:00:00 AM	644400.000	120.339
20.349	271.075	37829.453
41517.992	26.903	28.232
26.434	1.019	
11/23/2016 9:15:00 AM	645300.000	120.330
20.350	271.056	37826.375
41513.633	26.900	28.229
26.437	1.019	
11/23/2016 9:30:00 AM	646200.000	120.319
20.354	271.031	37838.605
41523.316	26.907	28.236
26.428	1.019	
11/23/2016 9:45:00 AM	647100.000	120.303
20.354	270.993	37829.047
41513.207	26.900	28.229
26.435	1.019	
11/23/2016 10:00:00 AM	648000.000	120.304
20.352	270.997	37831.078
41516.422	26.902	28.231
26.433	1.019	
11/23/2016 10:15:00 AM	648900.000	120.291
20.347	270.967	37834.121
41524.871	26.908	28.237
26.431	1.019	
11/23/2016 10:30:00 AM	649800.000	120.267
20.351	270.912	37828.160
41514.441	26.900	28.230
26.435	1.019	
11/23/2016 10:45:00 AM	650700.000	120.249
20.348	270.873	37815.500
41503.066	26.892	28.222
26.444	1.019	
11/23/2016 11:00:00 AM	651600.000	120.220
20.351	270.807	37816.625
41502.016	26.891	28.221
26.443	1.019	
11/23/2016 11:15:00 AM	652500.000	120.205
20.350	270.773	37799.039
41483.703	26.878	28.209
26.456	1.018	
11/23/2016 11:30:00 AM	653400.000	120.195
20.351	270.752	37836.563
41523.977	26.907	28.236
26.429	1.019	
11/23/2016 11:45:00 AM	654300.000	120.176
20.351	270.708	37851.445
41540.230	26.919	28.247
26.419	1.019	
11/23/2016 12:00:00 PM	655200.000	120.163
20.352	270.680	37831.262
41516.785	26.902	28.231
26.433	1.019	

11/23/2016 12:15:00 PM	656100.000	120.152
20.356	270.655	37808.004
41488.363	26.882	28.212
26.449	1.018	
11/23/2016 12:30:00 PM	657000.000	120.141
20.350	270.630	37834.375
41521.797	26.906	28.235
26.431	1.019	
11/23/2016 12:45:00 PM	657900.000	120.127
20.348	270.599	37801.180
41487.496	26.881	28.212
26.454	1.018	
11/23/2016 1:00:00 PM	658800.000	120.118
20.349	270.577	37822.414
41509.738	26.897	28.227
26.439	1.019	
11/23/2016 1:15:00 PM	659700.000	120.107
20.349	270.553	37820.574
41508.324	26.896	28.226
26.441	1.019	
11/23/2016 1:30:00 PM	660600.000	120.091
20.347	270.517	37833.305
41523.668	26.907	28.236
26.432	1.019	
11/23/2016 1:45:00 PM	661500.000	120.089
20.350	270.512	37797.871
41482.121	26.877	28.208
26.457	1.018	
11/23/2016 2:00:00 PM	662400.000	120.082
20.348	270.497	37816.137
41504.148	26.893	28.223
26.444	1.019	
11/23/2016 2:15:00 PM	663300.000	120.083
20.347	270.499	37852.867
41545.363	26.923	28.251
26.418	1.019	
11/23/2016 2:30:00 PM	664200.000	120.088
20.348	270.510	37793.688
41479.352	26.875	28.206
26.459	1.018	
11/23/2016 2:45:00 PM	665100.000	120.092
20.347	270.518	37806.879
41494.664	26.886	28.216
26.450	1.018	
11/23/2016 3:00:00 PM	666000.000	120.096
20.352	270.528	37837.516
41524.035	26.907	28.236
26.429	1.019	
11/23/2016 3:15:00 PM	666900.000	120.109
20.347	270.558	37800.410
41487.641	26.881	28.212
26.455	1.018	
11/23/2016 3:30:00 PM	667800.000	120.115
20.348	270.571	37801.336
41487.445	26.881	28.211
26.454	1.018	
11/23/2016 3:45:00 PM	668700.000	120.118

20.349	270.577	37795.844
41481.105	26.876	28.207
26.458	1.018	
11/23/2016 4:00:00 PM	669600.000	120.118
20.347	270.577	37818.773
41507.793	26.896	28.225
26.442	1.019	
11/23/2016 4:15:00 PM	670500.000	120.132
20.348	270.609	37817.512
41505.730	26.894	28.224
26.443	1.019	
11/23/2016 4:30:00 PM	671400.000	120.133
20.348	270.611	37815.266
41502.953	26.892	28.222
26.444	1.019	
11/23/2016 4:45:00 PM	672300.000	120.162
20.350	270.678	37807.141
41492.445	26.885	28.215
26.450	1.018	
11/23/2016 5:00:00 PM	673200.000	120.166
20.344	270.685	37832.703
41525.910	26.908	28.238
26.432	1.019	
11/23/2016 5:15:00 PM	674100.000	120.171
20.346	270.696	37804.227
41492.363	26.884	28.215
26.452	1.018	
11/23/2016 5:30:00 PM	675000.000	120.185
20.348	270.730	37824.535
41513.367	26.900	28.229
26.438	1.019	
11/23/2016 5:45:00 PM	675900.000	120.195
20.345	270.752	37816.633
41506.746	26.895	28.225
26.443	1.019	
11/23/2016 6:00:00 PM	676800.000	120.206
20.342	270.777	37799.391
41490.336	26.883	28.213
26.455	1.018	
11/23/2016 6:15:00 PM	677700.000	120.222
20.344	270.812	37858.551
41553.969	26.929	28.257
26.414	1.019	
11/23/2016 6:30:00 PM	678600.000	120.233
20.349	270.837	37803.715
41489.820	26.883	28.213
26.452	1.018	
11/23/2016 6:45:00 PM	679500.000	120.241
20.348	270.855	37767.051
41450.422	26.854	28.186
26.478	1.018	
11/23/2016 7:00:00 PM	680400.000	120.236
20.345	270.844	37807.566
41496.715	26.887	28.218
26.450	1.019	
11/23/2016 7:15:00 PM	681300.000	120.253
20.346	270.883	37800.063

41487.945	26.881	28.212
26.455	1.018	
11/23/2016 7:30:00 PM	682200.000	120.253
20.348	270.881	37829.047
41518.008	26.903	28.232
26.435	1.019	
11/23/2016 7:45:00 PM	683100.000	120.244
20.348	270.861	37801.527
41488.035	26.881	28.212
26.454	1.018	
11/23/2016 8:00:00 PM	684000.000	120.248
20.350	270.871	37811.402
41497.273	26.888	28.218
26.447	1.019	
11/23/2016 8:15:00 PM	684900.000	120.238
20.350	270.848	37775.297
41456.961	26.859	28.191
26.472	1.018	
11/23/2016 8:30:00 PM	685800.000	120.236
20.348	270.844	37828.414
41517.238	26.902	28.232
26.435	1.019	
11/23/2016 8:45:00 PM	686700.000	120.227
20.348	270.822	37797.238
41483.410	26.878	28.209
26.457	1.018	
11/23/2016 9:00:00 PM	687600.000	120.221
20.348	270.811	37830.266
41519.574	26.904	28.233
26.434	1.019	
11/23/2016 9:15:00 PM	688500.000	120.206
20.344	270.777	37832.609
41525.422	26.908	28.237
26.432	1.019	
11/23/2016 9:30:00 PM	689400.000	120.197
20.351	270.756	37835.957
41523.457	26.907	28.236
26.430	1.019	
11/23/2016 9:45:00 PM	690300.000	120.195
20.348	270.752	37749.043
41429.895	26.840	28.172
26.491	1.018	
11/23/2016 10:00:00 PM	691200.000	120.167
20.349	270.687	37842.586
41532.188	26.913	28.242
26.425	1.019	
11/23/2016 10:15:00 PM	692100.000	120.159
20.350	270.669	37839.621
41528.016	26.910	28.239
26.427	1.019	
11/23/2016 10:30:00 PM	693000.000	120.151
20.350	270.653	37816.355
41502.406	26.892	28.222
26.444	1.019	
11/23/2016 10:45:00 PM	693900.000	120.124
20.353	270.590	37804.605
41486.844	26.881	28.211

26.452	1.018	
11/23/2016 11:00:00 PM	694800.000	120.112
20.349	270.563	37851.027
41541.066	26.920	28.248
26.419	1.019	
11/23/2016 11:15:00 PM	695700.000	120.101
20.348	270.539	37798.848
41485.176	26.879	28.210
26.456	1.018	
11/23/2016 11:30:00 PM	696600.000	120.078
20.352	270.486	37818.949
41503.805	26.893	28.223
26.442	1.019	
11/23/2016 11:45:00 PM	697500.000	120.058
20.355	270.441	37831.535
41514.645	26.901	28.230
26.433	1.019	

Report Date: 11/28/2016 8:33:18 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_2016-11-24_16-42-03-912-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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
11/28/2016 8:32:02 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:
Record Count: 2527
Sensors: 2
1 - 428901: 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)
SN#: 428901		SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901
Date and Time	Elapsed Time	Corrected Resistance (ohm-cm)	Corrected Pressure (PSI)	Corrected Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
(ppm)	Seconds	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)					
11/17/2016 12:00:00 AM	34.435	93600.000	1.015	72.827	17.993	165.996	29039.801	33527.027	21.172
11/17/2016 12:05:00 AM	34.436	93900.000	1.015	72.827	17.993	165.996	29039.500	33526.555	21.171
11/17/2016 12:10:00 AM	34.455	94200.000	1.015	72.830	17.993	166.003	29023.184	33507.590	21.158
11/17/2016 12:15:00 AM	34.424	94500.000	1.015	72.816	17.993	165.970	29049.605	33538.027	21.179
11/17/2016 12:20:00 AM	34.404	94800.000	1.015	72.832	17.993	166.007	29066.191	33557.367	21.193
11/17/2016 12:25:00 AM	34.440	95100.000	1.015	72.836	17.993	166.016	29035.758	33522.039	21.168
11/17/2016 12:30:00 AM	34.443	95400.000	1.015	72.842	17.993	166.028	29033.227	33519.309	21.166
11/17/2016 12:35:00 AM	34.431	95700.000	1.015	72.845	17.993	166.036	29043.500	33531.117	21.174
11/17/2016 12:40:00 AM	34.410	96000.000	1.015	72.845	17.993	166.035	29061.551	33552.012	21.189
11/17/2016 12:45:00 AM	34.414	96300.000	1.015	72.830	17.993	166.003	29057.602	33547.453	21.186
11/17/2016 12:50:00 AM	34.410	96600.000	1.015	72.850	17.993	166.047	29061.023	33551.402	21.188
11/17/2016 12:55:00 AM	34.428	96900.000	1.015	72.852	17.993	166.053	29046.301	33534.281	21.177
11/17/2016 1:00:00 AM	34.448	97200.000	1.015	72.838	17.993	166.019	29029.598	33514.875	21.163
11/17/2016 1:05:00 AM	34.423	97500.000	1.015	72.861	17.992	166.072	29049.945	33538.934	21.180
11/17/2016 1:10:00 AM	34.444	97800.000	1.015	72.853	17.993	166.054	29032.330	33517.891	21.165
11/17/2016 1:15:00 AM	34.426	98100.000	1.015	72.859	17.993	166.067	29047.529	33535.898	21.178
11/17/2016 1:20:00 AM	34.415	98400.000	1.015	72.867	17.993	166.069	29056.813	33546.094	21.185
11/17/2016 1:25:00 AM	34.427	98700.000	1.015	72.862	17.993	166.074	29047.133	33535.043	21.177
11/17/2016 1:30:00 AM	34.424	99000.000	1.015	72.865	17.993	166.083	29049.514	33538.305	21.179
11/17/2016 1:35:00 AM	34.424	99300.000	1.015	72.867	17.993	166.086	29049.244	33537.609	21.179
11/17/2016 1:40:00 AM	34.424	99600.000	1.015	72.871	17.993	166.095	29050.133	33538.637	21.180

34.423	1.015	14.770					
11/17/2016 1:45:00 AM	99900.000	72.870	17.993	166.093	29057.463	33547.043	21.185
34.415	1.015	14.770					22811.990
11/17/2016 1:50:00 AM	100200.000	72.873	17.993	166.101	29054.730	33544.328	21.184
34.418	1.015	14.772					22810.145
11/17/2016 1:55:00 AM	100500.000	72.876	17.993	166.107	29038.502	33525.211	21.170
34.437	1.015	14.773					22797.146
11/17/2016 2:00:00 AM	100800.000	72.874	17.992	166.102	29036.980	33524.102	21.169
34.439	1.015	14.774					22796.391
11/17/2016 2:05:00 AM	101100.000	72.874	17.993	166.103	29060.943	33551.438	21.188
34.410	1.015	14.776					22814.980
11/17/2016 2:10:00 AM	101400.000	72.869	17.993	166.090	29061.113	33551.695	21.189
34.410	1.015	14.777					22815.152
11/17/2016 2:15:00 AM	101700.000	72.870	17.993	166.094	29050.416	33539.285	21.180
34.423	1.015	14.779					22806.715
11/17/2016 2:20:00 AM	102000.000	72.872	17.992	166.097	29047.307	33535.957	21.178
34.427	1.015	14.777					22804.453
11/17/2016 2:25:00 AM	102300.000	72.872	17.993	166.098	29066.129	33557.371	21.193
34.404	1.015	14.776					22819.014
11/17/2016 2:30:00 AM	102600.000	72.876	17.994	166.108	29037.070	33523.105	21.169
34.439	1.015	14.774					22795.713
11/17/2016 2:35:00 AM	102900.000	72.857	17.993	166.064	29057.002	33546.566	21.185
34.415	1.015	14.771					22811.666
11/17/2016 2:40:00 AM	103200.000	72.885	17.993	166.128	29061.555	33552.207	21.189
34.410	1.015	14.769					22815.502
11/17/2016 2:45:00 AM	103500.000	72.888	17.993	166.134	29041.109	33528.164	21.172
34.434	1.015	14.766					22799.154
11/17/2016 2:50:00 AM	103800.000	72.886	17.993	166.129	29046.107	33534.125	21.176
34.428	1.015	14.767					22803.205
11/17/2016 2:55:00 AM	104100.000	72.884	17.993	166.125	29059.316	33549.238	21.187
34.412	1.015	14.769					22813.484
11/17/2016 3:00:00 AM	104400.000	72.867	17.993	166.087	29055.313	33544.754	21.184
34.417	1.015	14.770					22810.434
11/17/2016 3:05:00 AM	104700.000	72.885	17.993	166.128	29066.531	33557.379	21.193
34.404	1.015	14.772					22819.020
11/17/2016 3:10:00 AM	105000.000	72.884	17.992	166.124	29041.246	33528.957	21.173
34.434	1.015	14.773					22799.691
11/17/2016 3:15:00 AM	105300.000	72.864	17.993	166.079	29051.629	33540.746	21.181
34.421	1.015	14.775					22807.709
11/17/2016 3:20:00 AM	105600.000	72.882	17.993	166.119	29052.883	33541.758	21.182
34.420	1.015	14.775					22808.396
11/17/2016 3:25:00 AM	105900.000	72.881	17.993	166.119	29036.680	33523.105	21.169
34.439	1.015	14.776					22795.713
11/17/2016 3:30:00 AM	106200.000	72.886	17.993	166.130	29071.848	33563.578	21.197
34.398	1.015	14.776					22823.232
11/17/2016 3:35:00 AM	106500.000	72.885	17.993	166.128	29042.961	33530.492	21.174
34.432	1.015	14.774					22800.736
11/17/2016 3:40:00 AM	106800.000	72.886	17.993	166.129	29044.770	33532.582	21.175
34.430	1.015	14.773					22802.156
11/17/2016 3:45:00 AM	107100.000	72.887	17.993	166.132	29041.584	33528.574	21.173
34.433	1.015	14.771					22799.434
11/17/2016 3:50:00 AM	107400.000	72.887	17.993	166.133	29040.297	33527.738	21.172
34.435	1.015	14.770					22798.863
11/17/2016 3:55:00 AM	107700.000	72.887	17.993	166.131	29046.514	33534.648	21.177
34.428	1.015	14.768					22803.563
11/17/2016 4:00:00 AM	108000.000	72.891	17.993	166.141	29057.395	33546.891	21.185
34.415	1.015	14.767					22811.889
11/17/2016 4:05:00 AM	108300.000	72.888	17.993	166.134	29039.043	33526.156	21.171
34.436	1.015	14.769					22797.789
11/17/2016 4:10:00 AM	108600.000	72.862	17.993	166.076	29041.055	33528.293	21.172
34.434	1.015	14.771					22799.242
11/17/2016 4:15:00 AM	108900.000	72.880	17.993	166.116	29050.912	33539.801	21.180
34.422	1.015	14.773					22807.066
11/17/2016 4:20:00 AM	109200.000	72.883	17.993	166.123	29061.066	33551.527	21.189
34.410	1.015	14.774					22815.041
11/17/2016 4:25:00 AM	109500.000	72.865	17.993	166.082	29060.969	33550.957	21.188
34.410	1.015	14.775					22814.652
11/17/2016 4:30:00 AM	109800.000	72.881	17.993	166.119	29042.969	33530.559	21.174
34.432	1.015	14.777					22800.781
11/17/2016 4:35:00 AM	110100.000	72.880	17.993	166.116	29061.363	33551.738	21.189
34.410	1.015	14.778					22815.184
11/17/2016 4:40:00 AM	110400.000	72.879	17.993	166.113	29051.555	33540.223	21.181
34.422	1.015	14.780					22807.352
11/17/2016 4:45:00 AM	110700.000	72.852	17.993	166.053	29041.674	33529.008	21.173
34.433	1.015	14.781					22799.727
11/17/2016 4:50:00 AM	111000.000	72.881	17.993	166.119	29061.463	33551.910	21.189
34.410	1.015	14.781					22815.301
11/17/2016 4:55:00 AM	111300.000	72.879	17.993	166.113	29057.045	33546.883	21.185
34.415	1.015	14.781					22811.883
11/17/2016 5:00:00 AM	111600.000	72.858	17.993	166.067	29050.492	33539.188	21.180
34.423	1.015	14.780					22806.650
11/17/2016 5:05:00 AM	111900.000	72.879	17.993	166.113	29050.902	33539.660	21.180
34.422	1.015	14.779					22806.971
11/17/2016 5:10:00 AM	112200.000	72.882	17.993	166.120	29042.473	33529.859	21.173
34.432	1.015	14.778					22800.307
11/17/2016 5:15:00 AM	112500.000	72.883	17.993	166.123	29052.066	33540.813	21.181
34.421	1.015	14.777					22807.752
11/17/2016 5:20:00 AM	112800.000	72.882	17.993	166.120	29048.969	33537.750	21.179
34.425	1.015	14.778					22805.672
11/17/2016 5:25:00 AM	113100.000	72.878	17.993	166.111	29071.172	33562.871	21.196
34.398	1.015	14.779					22822.754
11/17/2016 5:30:00 AM	113400.000	72.860	17.993	166.070	29051.463	33540.238	21.181
34.422	1.015	14.780					22807.361
11/17/2016 5:35:00 AM	113700.000	72.878	17.993	166.111	29057.109	33546.758	21.185
34.415	1.015	14.781					22811.797
11/17/2016 5:40:00 AM	114000.000	72.878	17.993	166.111	29050.973	33539.797	21.180
34.422	1.015	14.781					22807.064
11/17/2016 5:45:00 AM	114300.000	72.872	17.993	166.097	29043.955	33531.313	21.174
34.431	1.015	14.781					22801.295
11/17/2016 5:50:00 AM	114600.000	72.874	17.993	166.102	29063.525	33553.969	21.190
34.407	1.015	14.779					22816.699
11/17/2016 5:55:00 AM	114900.000	72.874	17.993	166.101	29041.215	33528.477	21.173
34.434	1.015	14.777					22799.365
11/17/2016 6:00:00 AM	115200.000	72.876	17.993	166.108	29051.045	33539.824	21.180
34.422	1.015	14.775					22807.082
11/17/2016 6:05:00 AM	115500.000	72.881	17.993	166.117	29050.146	33538.719	21.180
34.423	1.015	14.777					22806.330
11/17/2016 6:10:00 AM	115800.000	72.876	17.993	166.106	29056.395	33556.641	21.192
34.405	1.015	14.778					22818.516
11/17/2016 6:15:00 AM	116100.000	72.852	17.993	166.052	29053.996	33543.289	21.183
34.419	1.015	14.780					22809.439
11/17/2016 6:20:00 AM	116400.000	72.876	17.993	166.107	29057.783	33547.215	21.186
34.414	1.015	14.781					22812.107
11/17/2016 6:25:00 AM	116700.000	72.871	17.993	166.095	29055.264	33544.824	21.184
34.417	1.015	14.781					22810.482
11/17/2016 6:30:00 AM	117000.000	72.859	17.992	166.068	29068.271	33560.227	21.195
34.402	1.015	14.781					22820.955
11/17/2016 6:35:00 AM	117300.000	72.872	17.993	166.098	29027.814	33513.063	21.162
34.450	1.015	14.783					22788.883
11/17/2016 6:40:00 AM	117600.000	72.874	17.993	166.102	29070.813	33562.578	21.196
34.399	1.015	14.784					22822.553
11/17/2016 6:45:00 AM	117900.000	72.871	17.993	166.096	29050.604	33539.371	21.180
34.423	1.015	14.786					22806.773
11/17/2016 6:50:00 AM	118200.000	72.869	17.993	166.092	29035.848	33522.016	21.168
34.440	1.015	14.785					22794.971
11/17/2016 6:55:00 AM	118500.000	72.874	17.993	166.101	29048.262	33536.613	21.178
34.425	1.015	14.784					22804.896
11/17/2016 7:00:00 AM	118800.000	72.855	17.993	166.060	29047.328	33535.535	21.177
34.427	1.015	14.782					22804.164
11/17/2016 7:05:00 AM	119100.000	72.873	17.993	166.101	29052.258	33541.090	21.181
34.421	1.015	14.785					22807.943
11/17/2016 7:10:00 AM	119400.000	72.878	17.993	166.111	29032.525	33518.445	21.166
34.444	1.015	14.787					22792.543

11/17/2016 7:15:00 AM	119700.000	72.853	17.992	166.055	29053.461	33542.992	21.183	22809.234
34.419	1.015	14.790						
11/17/2016 7:20:00 AM	120000.000	72.878	17.993	166.111	29049.721	33537.969	21.179	22805.818
34.424	1.015	14.790						
11/17/2016 7:25:00 AM	120300.000	72.871	17.993	166.095	29040.322	33527.117	21.172	22798.441
34.435	1.015	14.791						
11/17/2016 7:30:00 AM	120600.000	72.874	17.993	166.103	29061.373	33551.805	21.189	22815.227
34.410	1.015	14.792						
11/17/2016 7:35:00 AM	120900.000	72.873	17.993	166.101	29062.975	33553.406	21.190	22816.316
34.408	1.015	14.791						
11/17/2016 7:40:00 AM	121200.000	72.861	17.993	166.072	29067.381	33558.742	21.194	22819.945
34.403	1.015	14.790						
11/17/2016 7:45:00 AM	121500.000	72.883	17.993	166.122	29046.438	33534.754	21.177	22803.635
34.428	1.015	14.789						
11/17/2016 7:50:00 AM	121800.000	72.884	17.993	166.126	29069.010	33549.023	21.187	22813.338
34.413	1.015	14.791						
11/17/2016 7:55:00 AM	122100.000	72.884	17.993	166.125	29053.393	33542.723	21.182	22809.051
34.419	1.015	14.793						
11/17/2016 8:00:00 AM	122400.000	72.880	17.993	166.116	29061.605	33552.148	21.189	22815.463
34.410	1.015	14.795						
11/17/2016 8:05:00 AM	122700.000	72.883	17.993	166.124	29055.961	33545.750	21.185	22811.109
34.416	1.015	14.798						
11/17/2016 8:10:00 AM	123000.000	72.876	17.993	166.107	29039.014	33525.867	21.171	22797.590
34.436	1.015	14.802						
11/17/2016 8:15:00 AM	123300.000	72.861	17.993	166.072	29045.164	33532.707	21.175	22802.240
34.429	1.015	14.805						
11/17/2016 8:20:00 AM	123600.000	72.881	17.993	166.119	29040.584	33527.879	21.172	22798.957
34.435	1.015	14.804						
11/17/2016 8:25:00 AM	123900.000	72.883	17.993	166.122	29075.324	33568.043	21.200	22826.271
34.393	1.015	14.802						
11/17/2016 8:30:00 AM	124200.000	72.892	17.993	166.143	29070.658	33562.277	21.196	22822.352
34.399	1.015	14.801						
11/17/2016 8:35:00 AM	124500.000	72.890	17.993	166.138	29055.021	33544.547	21.184	22810.293
34.417	1.015	14.797						
11/17/2016 8:40:00 AM	124800.000	72.899	17.993	166.158	29053.803	33543.332	21.183	22809.467
34.419	1.015	14.794						
11/17/2016 8:45:00 AM	125100.000	72.904	17.993	166.170	29043.391	33531.043	21.174	22801.111
34.431	1.015	14.790						
11/17/2016 8:50:00 AM	125400.000	72.904	17.993	166.172	29061.066	33551.645	21.189	22815.121
34.410	1.015	14.791						
11/17/2016 8:55:00 AM	125700.000	72.905	17.993	166.172	29055.512	33544.984	21.184	22810.590
34.417	1.015	14.792						
11/17/2016 9:00:00 AM	126000.000	72.906	17.993	166.176	29055.090	33544.551	21.184	22810.295
34.417	1.015	14.794						
11/17/2016 9:05:00 AM	126300.000	72.909	17.993	166.181	29065.715	33557.082	21.192	22818.816
34.405	1.015	14.797						
11/17/2016 9:10:00 AM	126600.000	72.882	17.993	166.121	29036.154	33522.633	21.168	22795.391
34.440	1.015	14.800						
11/17/2016 9:15:00 AM	126900.000	72.902	17.993	166.165	29053.645	33542.957	21.183	22809.211
34.419	1.015	14.803						
11/17/2016 9:20:00 AM	127200.000	72.905	17.993	166.173	29050.822	33539.500	21.180	22806.859
34.422	1.015	14.800						
11/17/2016 9:25:00 AM	127500.000	72.914	17.993	166.192	29041.750	33528.828	21.173	22799.604
34.433	1.015	14.796						
11/17/2016 9:30:00 AM	127800.000	72.916	17.993	166.198	29044.527	33532.547	21.175	22802.133
34.430	1.015	14.793						
11/17/2016 9:35:00 AM	128100.000	72.920	17.993	166.206	29040.094	33526.918	21.171	22798.305
34.435	1.015	14.792						
11/17/2016 9:40:00 AM	128400.000	72.924	17.993	166.215	29068.992	33560.547	21.195	22821.172
34.401	1.015	14.791						
11/17/2016 9:45:00 AM	128700.000	72.908	17.993	166.179	29059.463	33549.676	21.187	22813.779
34.412	1.015	14.791						
11/17/2016 9:50:00 AM	129000.000	72.928	17.993	166.225	29052.691	33542.047	21.182	22808.594
34.420	1.015	14.790						
11/17/2016 9:55:00 AM	129300.000	72.915	17.993	166.196	29059.799	33549.863	21.187	22813.910
34.412	1.015	14.790						
11/17/2016 10:00:00 AM	129600.000	72.931	17.993	166.232	29067.305	33558.406	21.193	22819.717
34.403	1.015	14.789						
11/17/2016 10:05:00 AM	129900.000	72.934	17.993	166.239	29034.018	33520.297	21.167	22793.805
34.442	1.015	14.789						
11/17/2016 10:10:00 AM	130200.000	72.922	17.993	166.213	29048.070	33536.391	21.178	22804.746
34.426	1.015	14.789						
11/17/2016 10:15:00 AM	130500.000	72.943	17.993	166.259	29030.355	33515.996	21.164	22790.879
34.447	1.015	14.788						
11/17/2016 10:20:00 AM	130800.000	72.944	17.993	166.261	29055.363	33545.133	21.184	22810.691
34.417	1.015	14.788						
11/17/2016 10:25:00 AM	131100.000	72.945	17.993	166.265	29055.523	33544.996	21.184	22810.598
34.417	1.015	14.787						
11/17/2016 10:30:00 AM	131400.000	72.949	17.994	166.273	29072.229	33563.824	21.197	22823.402
34.397	1.015	14.786						
11/17/2016 10:35:00 AM	131700.000	72.953	17.993	166.282	29053.197	33542.367	21.182	22808.811
34.420	1.015	14.788						
11/17/2016 10:40:00 AM	132000.000	72.954	17.993	166.285	29042.590	33530.195	21.174	22800.535
34.432	1.015	14.790						
11/17/2016 10:45:00 AM	132300.000	72.937	17.993	166.246	29048.018	33536.578	21.178	22804.875
34.426	1.015	14.791						
11/17/2016 10:50:00 AM	132600.000	72.955	17.993	166.288	29054.766	33544.121	21.183	22810.004
34.418	1.015	14.791						
11/17/2016 10:55:00 AM	132900.000	72.955	17.993	166.286	29046.699	33534.863	21.177	22803.709
34.427	1.015	14.791						
11/17/2016 11:00:00 AM	133200.000	72.942	17.993	166.257	29041.385	33528.605	21.173	22799.451
34.434	1.015	14.791						
11/17/2016 11:05:00 AM	133500.000	72.963	17.993	166.304	29033.514	33519.258	21.166	22793.096
34.443	1.015	14.790						
11/17/2016 11:10:00 AM	133800.000	72.945	17.993	166.264	29027.410	33512.594	21.161	22788.564
34.450	1.015	14.789						
11/17/2016 11:15:00 AM	134100.000	72.968	17.993	166.317	29075.551	33567.926	21.200	22826.191
34.393	1.015	14.789						
11/17/2016 11:20:00 AM	134400.000	72.974	17.993	166.331	29053.396	33542.672	21.182	22809.020
34.419	1.015	14.787						
11/17/2016 11:25:00 AM	134700.000	72.974	17.993	166.329	29040.641	33527.945	21.172	22799.006
34.435	1.015	14.786						
11/17/2016 11:30:00 AM	135000.000	72.975	17.992	166.333	29045.266	33533.598	21.176	22802.848
34.429	1.015	14.785						
11/17/2016 11:35:00 AM	135300.000	72.983	17.993	166.351	29046.932	33535.008	21.177	22803.807
34.427	1.015	14.784						
11/17/2016 11:40:00 AM	135600.000	72.984	17.992	166.354	29053.865	33543.527	21.183	22809.602
34.419	1.015	14.784						
11/17/2016 11:45:00 AM	135900.000	72.984	17.993	166.354	29067.539	33559.000	21.194	22820.121
34.403	1.015	14.783						
11/17/2016 11:50:00 AM	136200.000	72.984	17.993	166.352	29073.742	33565.840	21.198	22824.771
34.395	1.015	14.782						
11/17/2016 11:55:00 AM	136500.000	72.986	17.993	166.357	29047.111	33535.531	21.177	22804.162
34.427	1.015	14.782						
11/17/2016 12:00:00 PM	136800.000	72.987	17.993	166.359	29048.566	33536.895	21.178	22805.088
34.425	1.015	14.781						
11/17/2016 12:05:00 PM	137100.000	72.992	17.993	166.371	29038.447	33525.211	21.170	22797.146
34.437	1.015	14.777						
11/17/2016 12:10:00 PM	137400.000	72.994	17.993	166.375	29039.570	33526.387	21.171	22797.945
34.436	1.015	14.774						
11/17/2016 12:15:00 PM	137700.000	72.981	17.993	166.347	29069.039	33560.602	21.195	22821.211
34.401	1.015	14.770						
11/17/2016 12:20:00 PM	138000.000	73.002	17.993	166.393	29067.309	33558.730	21.194	22819.939
34.403	1.015	14.770						
11/17/2016 12:25:00 PM	138300.000	72.981	17.993	166.346	29042.680	33529.902	21.174	22800.334
34.432	1.015	14.770						
11/17/2016 12:30:00 PM	138600.000	73.002	17.993	166.394	29073.498	33565.613	21.198	22824.617
34.396	1.015	14.770						
11/17/2016 12:35:00 PM	138900.0							

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11/17/2016 6:20:00 PM	159600.000	72.818	17.993	165.974	29042.926	33530.699	21.174	22800.877
34.432	1.015	14.756						
11/17/2016 6:25:00 PM	159900.000	72.837	17.993	166.019	29080.318	33573.809	21.204	22830.191
34.388	1.015	14.756						
11/17/2016 6:30:00 PM	160200.000	72.831	17.993	166.005	29063.219	33553.492	21.190	22816.375
34.408	1.015	14.756						
11/17/2016 6:35:00 PM	160500.000	72.825	17.993	165.991	29042.367	33529.863	21.173	22800.309
34.432	1.015	14.757						
11/17/2016 6:40:00 PM	160800.000	72.821	17.993	165.981	29042.846	33530.168	21.174	22800.514
34.432	1.015	14.759						
11/17/2016 6:45:00 PM	161100.000	72.795	17.993	165.922	29054.318	33543.734	21.183	22809.742
34.418	1.015	14.760						
11/17/2016 6:50:00 PM	161400.000	72.799	17.994	165.930	29083.773	33577.023	21.206	22832.379
34.383	1.015	14.759						
11/17/2016 6:55:00 PM	161700.000	72.814	17.993	165.965	29072.906	33565.066	21.198	22824.248
34.396	1.015	14.758						
11/17/2016 7:00:00 PM	162000.000	72.793	17.993	165.917	29039.879	33526.988	21.171	22798.354
34.435	1.015	14.758						
11/17/2016 7:05:00 PM	162300.000	72.789	17.993	165.909	29055.119	33544.586	21.184	22810.320
34.417	1.015	14.757						
11/17/2016 7:10:00 PM	162600.000	72.807	17.993	165.950	29064.406	33555.254	21.191	22817.574
34.406	1.015	14.757						
11/17/2016 7:15:00 PM	162900.000	72.805	17.993	165.944	29041.807	33529.289	21.173	22799.918
34.433	1.015	14.756						
11/17/2016 7:20:00 PM	163200.000	72.803	17.993	165.940	29062.039	33552.703	21.189	22815.840
34.409	1.015	14.755						
11/17/2016 7:25:00 PM	163500.000	72.782	17.993	165.893	29040.916	33528.379	21.172	22799.299
34.434	1.015	14.755						
11/17/2016 7:30:00 PM	163800.000	72.792	17.993	165.916	29056.641	33546.148	21.185	22811.383
34.416	1.015	14.754						
11/17/2016 7:35:00 PM	164100.000	72.772	17.993	165.870	29077.877	33571.125	21.202	22828.367
34.390	1.015	14.757						
11/17/2016 7:40:00 PM	164400.000	72.784	17.993	165.898	29053.268	33542.324	21.182	22808.783
34.420	1.015	14.760						
11/17/2016 7:45:00 PM	164700.000	72.776	17.993	165.879	29055.605	33545.340	21.184	22810.832
34.417	1.015	14.763						
11/17/2016 7:50:00 PM	165000.000	72.779	17.993	165.887	29074.607	33567.031	21.199	22825.582
34.394	1.015	14.762						
11/17/2016 7:55:00 PM	165300.000	72.779	17.993	165.887	29063.127	33553.961	21.190	22816.693
34.408	1.015	14.761						
11/17/2016 8:00:00 PM	165600.000	72.761	17.993	165.844	29048.131	33536.645	21.178	22804.918
34.426	1.015	14.760						
11/17/2016 8:05:00 PM	165900.000	72.780	17.993	165.888	29045.854	33533.762	21.176	22802.959
34.428	1.015	14.755						
11/17/2016 8:10:00 PM	166200.000	72.782	17.993	165.894	29062.850	33553.453	21.190	22816.350
34.408	1.015	14.751						
11/17/2016 8:15:00 PM	166500.000	72.783	17.993	165.894	29036.441	33523.215	21.169	22795.787
34.439	1.015	14.746						
11/17/2016 8:20:00 PM	166800.000	72.773	17.993	165.873	29070.805	33562.641	21.196	22822.598
34.399	1.015	14.750						
11/17/2016 8:25:00 PM	167100.000	72.755	17.993	165.832	29056.045	33545.727	21.184	22811.094
34.416	1.015	14.754						
11/17/2016 8:30:00 PM	167400.000	72.767	17.994	165.858	29075.957	33568.129	21.200	22826.328
34.393	1.015	14.758						
11/17/2016 8:35:00 PM	167700.000	72.745	17.993	165.808	29038.297	33524.719	21.170	22796.811
34.437	1.015	14.757						
11/17/2016 8:40:00 PM	168000.000	72.763	17.993	165.849	29090.785	33585.516	21.212	22838.152
34.375	1.015	14.756						
11/17/2016 8:45:00 PM	168300.000	72.764	17.993	165.851	29059.174	33549.020	21.187	22813.336
34.413	1.015	14.755						
11/17/2016 8:50:00 PM	168600.000	72.765	17.994	165.854	29051.961	33540.234	21.181	22807.359
34.421	1.015	14.756						
11/17/2016 8:55:00 PM	168900.000	72.767	17.993	165.858	29046.379	33534.172	21.176	22803.238
34.428	1.015	14.757						
11/17/2016 9:00:00 PM	169200.000	72.761	17.993	165.845	29027.795	33513.039	21.162	22788.867
34.450	1.015	14.758						
11/17/2016 9:05:00 PM	169500.000	72.760	17.992	165.843	29051.715	33540.977	21.181	22807.867
34.421	1.015	14.758						
11/17/2016 9:10:00 PM	169800.000	72.757	17.993	165.837	29078.311	33571.234	21.202	22828.439
34.390	1.015	14.757						
11/17/2016 9:15:00 PM	170100.000	72.743	17.993	165.803	29039.979	33526.914	21.171	22798.303
34.435	1.015	14.757						
11/17/2016 9:20:00 PM	170400.000	72.763	17.993	165.849	29060.826	33551.117	21.188	22814.760
34.411	1.015	14.756						
11/17/2016 9:25:00 PM	170700.000	72.738	17.993	165.792	29078.066	33571.207	21.202	22828.422
34.390	1.015	14.754						
11/17/2016 9:30:00 PM	171000.000	72.762	17.993	165.847	29026.744	33511.703	21.161	22787.961
34.451	1.015	14.753						
11/17/2016 9:35:00 PM	171300.000	72.757	17.993	165.837	29063.689	33554.480	21.191	22817.047
34.407	1.015	14.753						
11/17/2016 9:40:00 PM	171600.000	72.762	17.993	165.846	29083.176	33577.105	21.206	22832.432
34.384	1.015	14.753						
11/17/2016 9:45:00 PM	171900.000	72.784	17.993	165.852	29049.479	33538.020	21.179	22805.855
34.424	1.015	14.752						
11/17/2016 9:50:00 PM	172200.000	72.761	17.992	165.846	29037.406	33524.457	21.170	22796.633
34.438	1.015	14.753						
11/17/2016 9:55:00 PM	172500.000	72.742	17.993	165.802	29035.873	33522.242	21.168	22795.125
34.440	1.015	14.753						
11/17/2016 10:00:00 PM	172800.000	72.765	17.993	165.854	29051.588	33540.063	21.181	22807.244
34.422	1.015	14.754						
11/17/2016 10:05:00 PM	173100.000	72.744	17.993	165.805	29078.611	33571.516	21.202	22828.633
34.390	1.015	14.756						
11/17/2016 10:10:00 PM	173400.000	72.738	17.993	165.793	29058.381	33548.480	21.186	22812.967
34.413	1.015	14.758						
11/17/2016 10:15:00 PM	173700.000	72.760	17.993	165.842	29045.596	33533.664	21.176	22802.895
34.429	1.015	14.760						
11/17/2016 10:20:00 PM	174000.000	72.761	17.992	165.845	29048.955	33537.859	21.179	22805.746
34.425	1.015	14.759						
11/17/2016 10:25:00 PM	174300.000	72.761	17.993	165.844	29055.820	33545.586	21.184	22810.998
34.417	1.015	14.758						
11/17/2016 10:30:00 PM	174600.000	72.763	17.993	165.850	29043.383	33530.715	21.174	22800.889
34.431	1.015	14.757						
11/17/2016 10:35:00 PM	174900.000	72.767	17.993	165.858	29053.811	33542.949	21.183	22809.205
34.419	1.015	14.756						
11/17/2016 10:40:00 PM	175200.000	72.772	17.993	165.871	29065.242	33555.953	21.192	22818.051
34.405	1.015	14.755						
11/17/2016 10:45:00 PM	175500.000	72.773	17.993	165.872	29067.480	33558.801	21.194	22819.986
34.403	1.015	14.754						
11/17/2016 10:50:00 PM	175800.000	72.761	17.993	165.846	29057.957	33547.938	21.186	22812.600
34.414	1.015	14.754						
11/17/2016 10:55:00 PM	176100.000	72.758	17.993	165.837	29036.264	33523.008	21.169	22795.646
34.440	1.015	14.754						
11/17/2016 11:00:00 PM	176400.000	72.779	17.993	165.886	29052.791	33541.453	21.182	22808.189
34.420	1.015	14.754						
11/17/2016 11:05:00 PM	176700.000	72.776	17.993	165.878	29068.467	33559.871	21.194	22820.713
34.402	1.015	14.754						
11/17/2016 11:10:00 PM	177000.000	72.782	17.993	165.892	29046.301	33534.281	21.177	22803.313
34.428	1.015	14.754						
11/17/2016 11:15:00 PM	177300.000	72.784	17.993	165.897	29051.254	33539.930	21.180	22807.154
34.422	1.015	14.754						
11/17/2016 11:20:00 PM	177600.000	72.784	17.993	165.898	29022.844	33507.199	21.158	22784.896
34.456	1.015	14.755						
11/17/2016 11:25:00 PM	177900.000	72.788	17.993	165.907	29046.615	33534.574	21.177	22803.510
34.427	1.015	14.755						
11/17/2016 11:30:00 PM	178200.000	72.787	17.993	165.905	29068.498	33559.785	21.194	22820.656
34.402	1.015	14.756						
11/17/2016 11:35:00 PM	178500.000	72.770	17.993	165.864	29060.021	33550.055	21.188	22814.037
34.412	1.015	14.755						
11/17/2016 11:40:00 PM	178800.000	72.7						

34.444	1.015	14.754					
11/17/2016 11:55:00 PM	179700.000	72.798	17.993	165.928	29021.340	33505.531	21.157
34.457	1.015	14.755					
11/18/2016 12:00:00 AM	180000.000	72.802	17.993	165.939	29022.084	33506.254	21.157
34.457	1.015	14.756					
11/18/2016 12:05:00 AM	180300.000	72.804	17.993	165.943	29064.545	33555.277	21.191
34.406	1.015	14.756					
11/18/2016 12:10:00 AM	180600.000	72.808	17.993	165.952	29026.689	33511.637	21.161
34.451	1.015	14.755					
11/18/2016 12:15:00 AM	180900.000	72.788	17.993	165.907	29055.324	33544.820	21.184
34.417	1.015	14.754					
11/18/2016 12:20:00 AM	181200.000	72.812	17.993	165.962	29065.490	33556.559	21.192
34.405	1.015	14.753					
11/18/2016 12:25:00 AM	181500.000	72.814	17.993	165.967	29079.723	33573.121	21.204
34.388	1.015	14.751					
11/18/2016 12:30:00 AM	181800.000	72.797	17.993	165.926	29048.182	33536.453	21.178
34.426	1.015	14.750					
11/18/2016 12:35:00 AM	182100.000	72.801	17.993	165.935	29064.516	33555.508	21.191
34.406	1.015	14.750					
11/18/2016 12:40:00 AM	182400.000	72.820	17.993	165.979	29064.037	33554.758	21.191
34.407	1.015	14.750					
11/18/2016 12:45:00 AM	182700.000	72.826	17.993	165.993	29028.744	33514.207	21.163
34.449	1.015	14.750					
11/18/2016 12:50:00 AM	183000.000	72.829	17.993	165.999	29035.512	33522.078	21.168
34.441	1.015	14.749					
11/18/2016 12:55:00 AM	183300.000	72.826	17.993	165.994	29077.438	33570.543	21.202
34.391	1.015	14.747					
11/18/2016 1:00:00 AM	183600.000	72.817	17.993	165.972	29048.984	33537.379	21.179
34.425	1.015	14.746					
11/18/2016 1:05:00 AM	183900.000	72.818	17.992	165.975	29040.555	33528.094	21.172
34.435	1.015	14.746					
11/18/2016 1:10:00 AM	184200.000	72.837	17.993	166.017	29090.012	33585.000	21.212
34.376	1.015	14.745					
11/18/2016 1:15:00 AM	184500.000	72.840	17.993	166.025	29069.594	33561.105	21.195
34.400	1.015	14.745					
11/18/2016 1:20:00 AM	184800.000	72.820	17.993	165.979	29039.430	33526.738	21.171
34.436	1.015	14.744					
11/18/2016 1:25:00 AM	185100.000	72.850	17.993	166.047	29058.100	33548.027	21.186
34.414	1.015	14.743					
11/18/2016 1:30:00 AM	185400.000	72.824	17.993	165.987	29063.922	33554.363	21.191
34.407	1.015	14.742					
11/18/2016 1:35:00 AM	185700.000	72.850	17.994	166.048	29059.064	33548.629	21.187
34.413	1.015	14.744					
11/18/2016 1:40:00 AM	186000.000	72.832	17.993	166.006	29078.463	33571.410	21.202
34.390	1.015	14.746					
11/18/2016 1:45:00 AM	186300.000	72.851	17.993	166.051	29063.205	33553.996	21.190
34.408	1.015	14.747					
11/18/2016 1:50:00 AM	186600.000	72.853	17.993	166.055	29052.338	33541.250	21.181
34.421	1.015	14.747					
11/18/2016 1:55:00 AM	186900.000	72.834	17.993	166.011	29063.641	33554.367	21.191
34.407	1.015	14.746					
11/18/2016 2:00:00 AM	187200.000	72.860	17.993	166.071	29055.863	33545.254	21.184
34.416	1.015	14.746					
11/18/2016 2:05:00 AM	187500.000	72.858	17.993	166.066	29077.410	33570.512	21.202
34.391	1.015	14.746					
11/18/2016 2:10:00 AM	187800.000	72.857	17.993	166.064	29045.570	33533.313	21.176
34.429	1.015	14.747					
11/18/2016 2:15:00 AM	188100.000	72.864	17.993	166.078	29080.625	33574.105	21.204
34.387	1.015	14.747					
11/18/2016 2:20:00 AM	188400.000	72.863	17.993	166.078	29033.863	33520.176	21.167
34.443	1.015	14.747					
11/18/2016 2:25:00 AM	188700.000	72.867	17.993	166.086	29053.895	33542.980	21.183
34.419	1.015	14.746					
11/18/2016 2:30:00 AM	189000.000	72.846	17.993	166.039	29074.213	33566.574	21.199
34.395	1.015	14.746					
11/18/2016 2:35:00 AM	189300.000	72.874	17.993	166.103	29063.635	33554.359	21.191
34.407	1.015	14.744					
11/18/2016 2:40:00 AM	189600.000	72.859	17.993	166.067	29046.854	33534.988	21.177
34.427	1.015	14.742					
11/18/2016 2:45:00 AM	189900.000	72.859	17.993	166.068	29057.387	33547.277	21.186
34.415	1.015	14.740					
11/18/2016 2:50:00 AM	190200.000	72.879	17.993	166.114	29048.441	33536.875	21.178
34.425	1.015	14.740					
11/18/2016 2:55:00 AM	190500.000	72.881	17.993	166.119	29081.725	33575.246	21.205
34.386	1.015	14.741					
11/18/2016 3:00:00 AM	190800.000	72.882	17.993	166.120	29094.199	33589.648	21.215
34.371	1.015	14.742					
11/18/2016 3:05:00 AM	191100.000	72.882	17.993	166.120	29046.479	33534.684	21.177
34.428	1.015	14.743					
11/18/2016 3:10:00 AM	191400.000	72.880	17.993	166.115	29022.168	33506.543	21.157
34.456	1.015	14.745					
11/18/2016 3:15:00 AM	191700.000	72.878	17.993	166.112	29058.711	33548.676	21.187
34.413	1.015	14.747					
11/18/2016 3:20:00 AM	192000.000	72.861	17.993	166.072	29034.959	33521.184	21.167
34.441	1.015	14.748					
11/18/2016 3:25:00 AM	192300.000	72.862	17.993	166.075	29059.824	33550.211	21.188
34.412	1.015	14.749					
11/18/2016 3:30:00 AM	192600.000	72.881	17.993	166.117	29035.279	33521.297	21.168
34.441	1.015	14.750					
11/18/2016 3:35:00 AM	192900.000	72.885	17.993	166.127	29056.436	33546.051	21.185
34.416	1.015	14.747					
11/18/2016 3:40:00 AM	193200.000	72.885	17.993	166.128	29034.717	33520.840	21.167
34.442	1.015	14.744					
11/18/2016 3:45:00 AM	193500.000	72.870	17.993	166.094	29058.875	33548.867	21.187
34.413	1.015	14.740					
11/18/2016 3:50:00 AM	193800.000	72.870	17.993	166.093	29070.916	33562.699	21.196
34.399	1.015	14.741					
11/18/2016 3:55:00 AM	194100.000	72.886	17.993	166.129	29054.461	33543.699	21.183
34.418	1.015	14.742					
11/18/2016 4:00:00 AM	194400.000	72.889	17.993	166.137	29041.268	33528.785	21.173
34.434	1.015	14.743					
11/18/2016 4:05:00 AM	194700.000	72.899	17.993	166.136	29088.740	33583.277	21.211
34.378	1.015	14.745					
11/18/2016 4:10:00 AM	195000.000	72.867	17.993	166.086	29074.650	33567.133	21.199
34.394	1.015	14.748					
11/18/2016 4:15:00 AM	195300.000	72.882	17.993	166.119	29084.922	33579.184	21.208
34.382	1.015	14.750					
11/18/2016 4:20:00 AM	195600.000	72.865	17.993	166.083	29075.012	33567.742	21.200
34.394	1.015	14.750					
11/18/2016 4:25:00 AM	195900.000	72.880	17.993	166.116	29069.172	33560.938	21.195
34.401	1.015	14.749					
11/18/2016 4:30:00 AM	196200.000	72.885	17.994	166.128	29070.674	33562.031	21.196
34.399	1.015	14.749					
11/18/2016 4:35:00 AM	196500.000	72.882	17.993	166.120	29056.557	33546.055	21.185
34.416	1.015	14.748					
11/18/2016 4:40:00 AM	196800.000	72.887	17.993	166.132	29031.268	33517.121	21.165
34.446	1.015	14.748					
11/18/2016 4:45:00 AM	197100.000	72.889	17.993	166.137	29061.379	33551.688	21.189
34.410	1.015	14.747					
11/18/2016 4:50:00 AM	197400.000	72.866	17.993	166.084	29036.463	33522.992	21.169
34.439	1.015	14.745					
11/18/2016 4:55:00 AM	197700.000	72.874	17.993	166.102	29068.309	33559.566	21.194
34.402	1.015	14.743					
11/18/2016 5:00:00 AM	198000.000	72.875	17.993	166.104	29051.658	33540.465	21.181
34.421	1.015	14.740					
11/18/2016 5:05:00 AM	198300.000	72.893	17.993	166.146	29047.221	33535.219	21.177
34.427	1.015	14.741					
11/18/2016 5:10:00 AM	198600.000	72.873	17.993	166.100	29053.047	33542.191	21.182
34.420	1.015	14.742					
11/18/2016 5:15:00 AM	198900.000	72.890	17.993	166.140	29076.559	33569.211	21.201
34.392	1.015	14.743					
11/18/2016 5:20:00 AM	199200.000	72.887	17.993	166.133	29071.348	33563.074	21.197
34.396	1.015	14.743					

22783.762

22784.252

22817.588

22787.914

22810.480

22818.463

22829.723

22804.791

22817.748

22817.238

22789.662

22795.016

22827.971

22805.420

22799.105

22837.801

22798.184

22812.660

22816.967

22813.070

11/18/2016 5:25:00 AM	199500.000	72.874	17.993	166.102	29060.813	33551.035	21.188	22814.707
34.411	1.015	14.742						
11/18/2016 5:30:00 AM	199800.000	72.894	17.993	166.148	29064.738	33555.766	21.191	22817.920
34.406	1.015	14.742						
11/18/2016 5:35:00 AM	200100.000	72.886	17.993	166.130	29078.932	33572.078	21.203	22829.014
34.389	1.015	14.741						
11/18/2016 5:40:00 AM	200400.000	72.888	17.993	166.135	29062.908	33553.578	21.190	22816.436
34.408	1.015	14.741						
11/18/2016 5:45:00 AM	200700.000	72.891	17.993	166.141	29045.766	33533.785	21.176	22802.977
34.428	1.015	14.740						
11/18/2016 5:50:00 AM	201000.000	72.889	17.993	166.136	29069.002	33560.805	21.195	22821.348
34.401	1.015	14.740						
11/18/2016 5:55:00 AM	201300.000	72.908	17.993	166.181	29072.354	33564.484	21.198	22823.852
34.397	1.015	14.740						
11/18/2016 6:00:00 AM	201600.000	72.884	17.993	166.125	29041.217	33528.664	21.173	22799.494
34.434	1.015	14.739						
11/18/2016 6:05:00 AM	201900.000	72.887	17.993	166.132	29048.301	33536.844	21.178	22805.055
34.425	1.015	14.739						
11/18/2016 6:10:00 AM	202200.000	72.887	17.993	166.132	29054.602	33543.605	21.183	22809.654
34.418	1.015	14.739						
11/18/2016 6:15:00 AM	202500.000	72.887	17.993	166.133	29062.217	33552.855	21.189	22815.943
34.409	1.015	14.739						
11/18/2016 6:20:00 AM	202800.000	72.881	17.993	166.119	29039.070	33525.809	21.171	22797.553
34.436	1.015	14.740						
11/18/2016 6:25:00 AM	203100.000	72.867	17.993	166.086	29063.934	33554.570	21.191	22817.107
34.407	1.015	14.740						
11/18/2016 6:30:00 AM	203400.000	72.882	17.993	166.121	29051.447	33540.477	21.181	22807.523
34.422	1.015	14.741						
11/18/2016 6:35:00 AM	203700.000	72.886	17.993	166.130	29062.709	33553.477	21.190	22816.365
34.408	1.015	14.740						
11/18/2016 6:40:00 AM	204000.000	72.885	17.993	166.128	29061.576	33552.230	21.189	22815.520
34.410	1.015	14.740						
11/18/2016 6:45:00 AM	204300.000	72.885	17.993	166.128	29047.434	33535.656	21.177	22804.246
34.426	1.015	14.740						
11/18/2016 6:50:00 AM	204600.000	72.881	17.993	166.119	29062.066	33552.414	21.189	22815.643
34.409	1.015	14.741						
11/18/2016 6:55:00 AM	204900.000	72.883	17.993	166.122	29046.469	33534.672	21.177	22803.578
34.428	1.015	14.743						
11/18/2016 7:00:00 AM	205200.000	72.878	17.993	166.111	29076.961	33569.676	21.201	22827.379
34.391	1.015	14.745						
11/18/2016 7:05:00 AM	205500.000	72.879	17.993	166.113	29029.994	33515.707	21.164	22790.682
34.447	1.015	14.746						
11/18/2016 7:10:00 AM	205800.000	72.880	17.993	166.116	29070.959	33562.945	21.196	22822.803
34.399	1.015	14.747						
11/18/2016 7:15:00 AM	206100.000	72.879	17.993	166.113	29067.795	33559.164	21.194	22820.234
34.402	1.015	14.748						
11/18/2016 7:20:00 AM	206400.000	72.873	17.993	166.101	29079.574	33572.895	21.203	22829.568
34.388	1.015	14.749						
11/18/2016 7:25:00 AM	206700.000	72.877	17.993	166.109	29074.324	33566.566	21.199	22825.266
34.395	1.015	14.749						
11/18/2016 7:30:00 AM	207000.000	72.877	17.993	166.109	29071.223	33563.051	21.197	22822.875
34.398	1.015	14.749						
11/18/2016 7:35:00 AM	207300.000	72.880	17.993	166.116	29037.643	33524.352	21.170	22796.561
34.438	1.015	14.749						
11/18/2016 7:40:00 AM	207600.000	72.879	17.993	166.113	29056.125	33545.555	21.184	22810.979
34.416	1.015	14.749						
11/18/2016 7:45:00 AM	207900.000	72.860	17.993	166.070	29057.629	33547.359	21.186	22812.207
34.414	1.015	14.748						
11/18/2016 7:50:00 AM	208200.000	72.882	17.993	166.121	29043.064	33530.668	21.174	22800.854
34.432	1.015	14.750						
11/18/2016 7:55:00 AM	208500.000	72.881	17.994	166.118	29065.467	33556.020	21.192	22818.094
34.405	1.015	14.751						
11/18/2016 8:00:00 AM	208800.000	72.883	17.993	166.123	29062.629	33553.063	21.190	22816.084
34.408	1.015	14.752						
11/18/2016 8:05:00 AM	209100.000	72.879	17.993	166.113	29048.307	33536.719	21.178	22804.971
34.425	1.015	14.754						
11/18/2016 8:10:00 AM	209400.000	72.885	17.993	166.127	29049.256	33537.570	21.179	22805.549
34.424	1.015	14.755						
11/18/2016 8:15:00 AM	209700.000	72.881	17.993	166.118	29064.236	33554.789	21.191	22817.258
34.407	1.015	14.757						
11/18/2016 8:20:00 AM	210000.000	72.883	17.993	166.123	29019.768	33503.902	21.155	22782.656
34.459	1.015	14.757						
11/18/2016 8:25:00 AM	210300.000	72.867	17.993	166.087	29057.887	33547.727	21.186	22812.457
34.414	1.015	14.757						
11/18/2016 8:30:00 AM	210600.000	72.864	17.993	166.079	29069.273	33560.605	21.195	22821.215
34.401	1.015	14.757						
11/18/2016 8:35:00 AM	210900.000	72.863	17.993	166.078	29067.988	33559.441	21.194	22820.422
34.402	1.015	14.757						
11/18/2016 8:40:00 AM	211200.000	72.890	17.993	166.138	29073.117	33565.438	21.198	22824.500
34.396	1.015	14.758						
11/18/2016 8:45:00 AM	211500.000	72.870	17.993	166.093	29049.277	33537.840	21.179	22805.730
34.424	1.015	14.758						
11/18/2016 8:50:00 AM	211800.000	72.869	17.992	166.091	29058.373	33548.730	21.187	22813.137
34.413	1.015	14.757						
11/18/2016 8:55:00 AM	212100.000	72.889	17.993	166.137	29073.359	33565.719	21.198	22824.689
34.396	1.015	14.757						
11/18/2016 9:00:00 AM	212400.000	72.873	17.993	166.099	29090.797	33585.527	21.212	22838.160
34.375	1.015	14.756						
11/18/2016 9:05:00 AM	212700.000	72.870	17.993	166.094	29051.129	33539.922	21.180	22807.148
34.422	1.015	14.759						
11/18/2016 9:10:00 AM	213000.000	72.889	17.993	166.137	29051.234	33540.293	21.181	22807.402
34.422	1.015	14.761						
11/18/2016 9:15:00 AM	213300.000	72.888	17.993	166.135	29056.020	33545.180	21.184	22810.725
34.416	1.015	14.763						
11/18/2016 9:20:00 AM	213600.000	72.892	17.993	166.142	29058.816	33548.926	21.187	22813.271
34.413	1.015	14.761						
11/18/2016 9:25:00 AM	213900.000	72.895	17.993	166.151	29054.236	33543.566	21.183	22809.625
34.418	1.015	14.759						
11/18/2016 9:30:00 AM	214200.000	72.900	17.993	166.160	29074.258	33566.625	21.199	22825.307
34.395	1.015	14.757						
11/18/2016 9:35:00 AM	214500.000	72.905	17.993	166.172	29062.084	33552.379	21.189	22815.619
34.409	1.015	14.758						
11/18/2016 9:40:00 AM	214800.000	72.898	17.993	166.158	29050.727	33539.516	21.180	22806.871
34.423	1.015	14.758						
11/18/2016 9:45:00 AM	215100.000	72.899	17.993	166.160	29068.004	33559.535	21.194	22820.486
34.402	1.015	14.759						
11/18/2016 9:50:00 AM	215400.000	72.901	17.993	166.163	29078.971	33571.875	21.203	22828.877
34.389	1.015	14.756						
11/18/2016 9:55:00 AM	215700.000	72.907	17.993	166.178	29058.623	33548.309	21.186	22812.852
34.413	1.015	14.754						
11/18/2016 10:00:00 AM	216000.000	72.911	17.993	166.186	29045.053	33533.039	21.176	22802.467
34.429	1.015	14.752						
11/18/2016 10:05:00 AM	216300.000	72.908	17.993	166.180	29053.348	33542.414	21.182	22808.844
34.419	1.015	14.754						
11/18/2016 10:10:00 AM	216600.000	72.910	17.993	166.183	29046.814	33535.125	21.177	22803.887
34.427	1.015	14.756						
11/18/2016 10:15:00 AM	216900.000	72.905	17.993	166.174	29053.854	33543.199	21.183	22809.375
34.419	1.015	14.759						
11/18/2016 10:20:00 AM	217200.000	72.914	17.993	166.193	29039.133	33526.203	21.171	22797.818
34.436	1.015	14.756						
11/18/2016 10:25:00 AM	217500.000	72.914	17.993	166.195	29066.828	33558.176	21.193	22819.561
34.403	1.015	14.753						
11/18/2016 10:30:00 AM	217800.000	72.919	17.993	166.204	29052.986	33542.000	21.182	22808.561
34.420	1.015	14.750						
11/18/2016 10:35:00 AM	218100.000	72.920	17.993	166.206	29065.539	33556.367	21.192	22818.330
34.405	1.015	14.752						
11/18/2016 10:40:00 AM	218400.000	72.920	17.993	166.207	29062.287	33552.988	21.190	22816.035
34.409	1.015	14.753						
11/18/2016 10:45:00 AM	218700.000	72.920	17.9					

34.423	1.015	14.752					
11/18/2016 11:00:00 AM	219600.000	72.929	17.993	166.227	29055.729	33544.969	21.184
34.417	1.015	14.750					
11/18/2016 11:05:00 AM	219900.000	72.933	17.993	166.237	29041.631	33528.820	21.173
34.433	1.015	14.751					
11/18/2016 11:10:00 AM	220200.000	72.930	17.993	166.231	29052.801	33542.039	21.182
34.420	1.015	14.751					
11/18/2016 11:15:00 AM	220500.000	72.927	17.993	166.222	29052.188	33541.074	21.181
34.421	1.015	14.752					
11/18/2016 11:20:00 AM	220800.000	72.932	17.993	166.234	29073.045	33565.090	21.198
34.396	1.015	14.748					
11/18/2016 11:25:00 AM	221100.000	72.937	17.993	166.247	29046.746	33534.992	21.177
34.427	1.015	14.745					
11/18/2016 11:30:00 AM	221400.000	72.944	17.993	166.263	29075.873	33568.738	21.200
34.393	1.015	14.741					
11/18/2016 11:35:00 AM	221700.000	72.945	17.992	166.264	29080.477	33574.184	21.204
34.387	1.015	14.742					
11/18/2016 11:40:00 AM	222000.000	72.946	17.993	166.266	29061.279	33551.313	21.188
34.410	1.015	14.744					
11/18/2016 11:45:00 AM	222300.000	72.940	17.993	166.252	29047.568	33535.621	21.177
34.426	1.015	14.746					
11/18/2016 11:50:00 AM	222600.000	72.944	17.993	166.263	29052.352	33541.465	21.182
34.421	1.015	14.744					
11/18/2016 11:55:00 AM	222900.000	72.947	17.993	166.269	29038.977	33526.023	21.171
34.436	1.015	14.742					
11/18/2016 12:00:00 PM	223200.000	72.952	17.993	166.281	29050.430	33538.926	21.180
34.423	1.015	14.740					
11/18/2016 12:05:00 PM	223500.000	72.953	17.993	166.237	29054.432	33543.734	21.183
34.418	1.015	14.740					
11/18/2016 12:10:00 PM	223800.000	72.956	17.993	166.288	29072.412	33564.359	21.197
34.397	1.015	14.740					
11/18/2016 12:15:00 PM	224100.000	72.948	17.993	166.271	29066.094	33556.934	21.192
34.404	1.015	14.740					
11/18/2016 12:20:00 PM	224400.000	72.955	17.993	166.286	29052.605	33541.559	21.182
34.420	1.015	14.738					
11/18/2016 12:25:00 PM	224700.000	72.964	17.993	166.308	29091.088	33586.188	21.213
34.375	1.015	14.735					
11/18/2016 12:30:00 PM	225000.000	72.963	17.993	166.305	29058.838	33548.688	21.187
34.413	1.015	14.732					
11/18/2016 12:35:00 PM	225300.000	72.966	17.993	166.312	29065.600	33556.492	21.192
34.405	1.015	14.731					
11/18/2016 12:40:00 PM	225600.000	72.943	17.993	166.259	29070.482	33562.129	21.196
34.399	1.015	14.729					
11/18/2016 12:45:00 PM	225900.000	72.967	17.993	166.315	29078.207	33571.184	21.202
34.390	1.015	14.728					
11/18/2016 12:50:00 PM	226200.000	72.967	17.993	166.314	29052.920	33542.238	21.182
34.420	1.015	14.725					
11/18/2016 12:55:00 PM	226500.000	72.981	17.993	166.347	29069.598	33561.301	21.195
34.400	1.015	14.723					
11/18/2016 1:00:00 PM	226800.000	72.981	17.993	166.346	29065.590	33556.426	21.192
34.405	1.015	14.720					
11/18/2016 1:05:00 PM	227100.000	72.982	17.993	166.349	29077.207	33570.086	21.201
34.391	1.015	14.719					
11/18/2016 1:10:00 PM	227400.000	72.985	17.993	166.354	29050.939	33539.703	21.180
34.422	1.015	14.718					
11/18/2016 1:15:00 PM	227700.000	72.982	17.993	166.348	29064.545	33555.148	21.191
34.406	1.015	14.716					
11/18/2016 1:20:00 PM	228000.000	72.983	17.993	166.351	29082.168	33575.887	21.205
34.385	1.015	14.716					
11/18/2016 1:25:00 PM	228300.000	72.984	17.993	166.352	29037.869	33524.668	21.170
34.438	1.015	14.716					
11/18/2016 1:30:00 PM	228600.000	72.989	17.993	166.364	29079.125	33572.301	21.203
34.389	1.015	14.715					
11/18/2016 1:35:00 PM	228900.000	72.987	17.993	166.313	29094.436	33589.852	21.215
34.371	1.015	14.715					
11/18/2016 1:40:00 PM	229200.000	72.991	17.993	166.368	29068.543	33560.027	21.194
34.401	1.015	14.715					
11/18/2016 1:45:00 PM	229500.000	72.987	17.993	166.359	29045.090	33532.563	21.175
34.429	1.015	14.715					
11/18/2016 1:50:00 PM	229800.000	72.986	17.993	166.357	29047.328	33535.398	21.177
34.427	1.015	14.715					
11/18/2016 1:55:00 PM	230100.000	72.989	17.993	166.365	29045.885	33534.117	21.176
34.428	1.015	14.715					
11/18/2016 2:00:00 PM	230400.000	72.991	17.993	166.369	29050.033	33538.523	21.180
34.423	1.015	14.715					
11/18/2016 2:05:00 PM	230700.000	72.962	17.993	166.302	29063.275	33553.879	21.190
34.408	1.015	14.712					
11/18/2016 2:10:00 PM	231000.000	72.989	17.993	166.365	29063.963	33554.414	21.191
34.407	1.015	14.710					
11/18/2016 2:15:00 PM	231300.000	72.992	17.993	166.372	29075.973	33568.469	21.200
34.393	1.015	14.708					
11/18/2016 2:20:00 PM	231600.000	72.995	17.993	166.378	29062.295	33552.871	21.189
34.409	1.015	14.706					
11/18/2016 2:25:00 PM	231900.000	72.993	17.993	166.374	29055.697	33545.004	21.184
34.417	1.015	14.704					
11/18/2016 2:30:00 PM	232200.000	72.976	17.993	166.336	29056.646	33546.027	21.185
34.416	1.015	14.702					
11/18/2016 2:35:00 PM	232500.000	72.972	17.993	166.326	29075.406	33567.762	21.200
34.393	1.015	14.701					
11/18/2016 2:40:00 PM	232800.000	72.995	17.993	166.378	29086.367	33580.660	21.209
34.380	1.015	14.700					
11/18/2016 2:45:00 PM	233100.000	72.995	17.993	166.377	29049.770	33538.410	21.179
34.424	1.015	14.699					
11/18/2016 2:50:00 PM	233400.000	72.993	17.993	166.374	29074.705	33567.074	21.199
34.394	1.015	14.699					
11/18/2016 2:55:00 PM	233700.000	72.992	17.993	166.371	29058.527	33548.465	21.186
34.413	1.015	14.699					
11/18/2016 3:00:00 PM	234000.000	72.991	17.993	166.369	29057.703	33547.570	21.186
34.414	1.015	14.700					
11/18/2016 3:05:00 PM	234300.000	72.987	17.994	166.360	29058.549	33547.977	21.186
34.413	1.015	14.700					
11/18/2016 3:10:00 PM	234600.000	72.984	17.993	166.352	29063.680	33554.223	21.190
34.407	1.015	14.701					
11/18/2016 3:15:00 PM	234900.000	72.978	17.993	166.339	29055.547	33545.152	21.184
34.417	1.015	14.701					
11/18/2016 3:20:00 PM	235200.000	72.987	17.993	166.359	29048.160	33536.426	21.178
34.426	1.015	14.700					
11/18/2016 3:25:00 PM	235500.000	72.962	17.993	166.302	29041.498	33528.805	21.173
34.433	1.015	14.699					
11/18/2016 3:30:00 PM	235800.000	72.983	17.993	166.352	29054.846	33543.949	21.183
34.418	1.015	14.698					
11/18/2016 3:35:00 PM	236100.000	72.980	17.993	166.344	29071.648	33563.223	21.197
34.398	1.015	14.699					
11/18/2016 3:40:00 PM	236400.000	72.978	17.993	166.340	29066.348	33557.547	21.193
34.404	1.015	14.700					
11/18/2016 3:45:00 PM	236700.000	72.981	17.992	166.345	29064.895	33556.195	21.192
34.406	1.015	14.701					
11/18/2016 3:50:00 PM	237000.000	72.977	17.993	166.338	29026.324	33511.148	21.160
34.451	1.015	14.700					
11/18/2016 3:55:00 PM	237300.000	72.976	17.993	166.334	29034.773	33521.039	21.167
34.441	1.015	14.699					
11/18/2016 4:00:00 PM	237600.000	72.972	17.993	166.327	29050.633	33539.352	21.180
34.423	1.015	14.698					
11/18/2016 4:05:00 PM	237900.000	72.967	17.993	166.313	29054.100	33543.160	21.183
34.419	1.015	14.702					
11/18/2016 4:10:00 PM	238200.000	72.946	17.993	166.265	29061.781	33552.352	21.189
34.409	1.015	14.705					
11/18/2016 4:15:00 PM	238500.000	72.959	17.993	166.297	29052.295	33541.004	21.181
34.421	1.015	14.708					
11/18/2016 4:20:00 PM	238800.000	72.955	17.993	166.287	29059.072	33549.094	21.187
34.413	1.015	14.709					
11/18/2016 4:25:00 PM	239100.000	72.950	17.993	166.275	29052.908	33542.297	21.182
34.420	1.015	14.710					

22810.580

22799.600

22808.586

22807.932

22824.262

22803.797

22826.744

22830.445

22814.895

22804.225

22808.199

22797.697

22806.471

22809.742

22823.766

22818.717

22808.260

22838.607

22813.109

22818.414

11/18/2016 4:30:00 PM	239400.000	72.955	17.993	166.286	29070.730	33562.609	21.196	22822.574
34.399	1.015	14.710						
11/18/2016 4:35:00 PM	239700.000	72.951	17.993	166.279	29065.719	33556.500	21.192	22818.420
34.405	1.015	14.711						
11/18/2016 4:40:00 PM	240000.000	72.943	17.993	166.261	29054.125	33543.383	21.183	22809.502
34.419	1.015	14.711						
11/18/2016 4:45:00 PM	240300.000	72.945	17.993	166.265	29055.541	33544.949	21.184	22810.568
34.417	1.015	14.712						
11/18/2016 4:50:00 PM	240600.000	72.940	17.993	166.253	29080.580	33574.055	21.204	22830.359
34.387	1.015	14.710						
11/18/2016 4:55:00 PM	240900.000	72.942	17.994	166.257	29054.758	33543.598	21.183	22809.648
34.418	1.015	14.708						
11/18/2016 5:00:00 PM	241200.000	72.916	17.993	166.198	29062.209	33552.324	21.189	22815.580
34.409	1.015	14.707						
11/18/2016 5:05:00 PM	241500.000	72.933	17.994	166.238	29038.031	33524.344	21.170	22796.557
34.438	1.015	14.707						
11/18/2016 5:10:00 PM	241800.000	72.934	17.993	166.239	29052.266	33541.484	21.182	22808.211
34.421	1.015	14.707						
11/18/2016 5:15:00 PM	242100.000	72.927	17.994	166.223	29040.373	33527.047	21.172	22798.393
34.435	1.015	14.708						
11/18/2016 5:20:00 PM	242400.000	72.925	17.993	166.219	29066.900	33557.805	21.193	22819.307
34.403	1.015	14.710						
11/18/2016 5:25:00 PM	242700.000	72.915	17.993	166.197	29070.086	33561.672	21.196	22821.939
34.400	1.015	14.712						
11/18/2016 5:30:00 PM	243000.000	72.914	17.993	166.192	29053.742	33542.871	21.183	22809.152
34.419	1.015	14.714						
11/18/2016 5:35:00 PM	243300.000	72.912	17.993	166.189	29078.473	33571.301	21.202	22828.486
34.390	1.015	14.713						
11/18/2016 5:40:00 PM	243600.000	72.909	17.993	166.182	29077.168	33569.656	21.201	22827.367
34.391	1.015	14.712						
11/18/2016 5:45:00 PM	243900.000	72.883	17.993	166.123	29067.820	33559.000	21.194	22820.121
34.402	1.015	14.711						
11/18/2016 5:50:00 PM	244200.000	72.903	17.993	166.168	29059.682	33549.852	21.187	22813.900
34.412	1.015	14.711						
11/18/2016 5:55:00 PM	244500.000	72.899	17.993	166.159	29067.943	33559.336	21.194	22820.352
34.402	1.015	14.711						
11/18/2016 6:00:00 PM	244800.000	72.898	17.993	166.156	29068.029	33559.434	21.194	22820.418
34.402	1.015	14.712						
11/18/2016 6:05:00 PM	245100.000	72.892	17.993	166.144	29062.570	33552.996	21.190	22816.039
34.409	1.015	14.714						
11/18/2016 6:10:00 PM	245400.000	72.888	17.993	166.134	29063.885	33554.582	21.191	22817.115
34.407	1.015	14.716						
11/18/2016 6:15:00 PM	245700.000	72.881	17.993	166.117	29061.521	33552.051	21.189	22815.395
34.410	1.015	14.718						
11/18/2016 6:20:00 PM	246000.000	72.877	17.993	166.108	29048.301	33536.656	21.178	22804.926
34.425	1.015	14.719						
11/18/2016 6:25:00 PM	246300.000	72.871	17.993	166.095	29046.621	33534.719	21.177	22803.609
34.427	1.015	14.719						
11/18/2016 6:30:00 PM	246600.000	72.848	17.993	166.043	29052.633	33541.660	21.182	22808.330
34.420	1.015	14.720						
11/18/2016 6:35:00 PM	246900.000	72.857	17.993	166.086	29047.441	33535.531	21.177	22804.162
34.426	1.015	14.718						
11/18/2016 6:40:00 PM	247200.000	72.863	17.993	166.078	29073.445	33565.496	21.198	22824.537
34.396	1.015	14.716						
11/18/2016 6:45:00 PM	247500.000	72.866	17.993	166.083	29039.117	33525.863	21.171	22797.588
34.436	1.015	14.714						
11/18/2016 6:50:00 PM	247800.000	72.859	17.993	166.069	29054.602	33543.605	21.183	22809.654
34.418	1.015	14.715						
11/18/2016 6:55:00 PM	248100.000	72.855	17.993	166.059	29053.955	33542.797	21.182	22809.104
34.419	1.015	14.717						
11/18/2016 7:00:00 PM	248400.000	72.844	17.993	166.034	29067.623	33558.637	21.193	22819.873
34.403	1.015	14.719						
11/18/2016 7:05:00 PM	248700.000	72.850	17.993	166.049	29048.887	33537.266	21.179	22805.344
34.425	1.015	14.719						
11/18/2016 7:10:00 PM	249000.000	72.847	17.993	166.041	29076.660	33569.453	21.201	22827.230
34.392	1.015	14.719						
11/18/2016 7:15:00 PM	249300.000	72.842	17.993	166.029	29086.000	33580.047	21.208	22834.432
34.381	1.015	14.718						
11/18/2016 7:20:00 PM	249600.000	72.819	17.993	165.978	29067.977	33547.438	21.186	22812.260
34.414	1.015	14.718						
11/18/2016 7:25:00 PM	249900.000	72.817	17.993	165.972	29074.057	33566.203	21.199	22825.018
34.395	1.015	14.717						
11/18/2016 7:30:00 PM	250200.000	72.830	17.993	166.001	29081.477	33574.570	21.205	22830.709
34.386	1.015	14.716						
11/18/2016 7:35:00 PM	250500.000	72.827	17.993	165.995	29077.293	33569.992	21.201	22827.596
34.391	1.015	14.717						
11/18/2016 7:40:00 PM	250800.000	72.826	17.993	165.993	29043.590	33531.082	21.174	22801.139
34.431	1.015	14.718						
11/18/2016 7:45:00 PM	251100.000	72.821	17.993	165.981	29056.105	33545.598	21.184	22811.006
34.416	1.015	14.719						
11/18/2016 7:50:00 PM	251400.000	72.819	17.993	165.976	29065.941	33556.695	21.192	22818.555
34.405	1.015	14.719						
11/18/2016 7:55:00 PM	251700.000	72.798	17.993	165.932	29063.979	33554.688	21.191	22817.188
34.407	1.015	14.720						
11/18/2016 8:00:00 PM	252000.000	72.815	17.993	165.967	29059.342	33549.535	21.187	22813.684
34.412	1.015	14.720						
11/18/2016 8:05:00 PM	252300.000	72.808	17.993	165.951	29053.100	33542.008	21.182	22808.566
34.420	1.015	14.719						
11/18/2016 8:10:00 PM	252600.000	72.813	17.993	165.963	29058.459	33548.250	21.186	22812.811
34.413	1.015	14.719						
11/18/2016 8:15:00 PM	252900.000	72.809	17.993	165.955	29042.729	33530.227	21.174	22800.557
34.432	1.015	14.718						
11/18/2016 8:20:00 PM	253200.000	72.807	17.993	165.949	29091.398	33586.469	21.213	22838.801
34.374	1.015	14.720						
11/18/2016 8:25:00 PM	253500.000	72.802	17.993	165.939	29058.688	33548.648	21.187	22813.084
34.413	1.015	14.721						
11/18/2016 8:30:00 PM	253800.000	72.779	17.993	165.886	29067.953	33559.402	21.194	22820.396
34.402	1.015	14.723						
11/18/2016 8:35:00 PM	254100.000	72.797	17.993	165.927	29051.766	33540.465	21.181	22807.516
34.421	1.015	14.722						
11/18/2016 8:40:00 PM	254400.000	72.795	17.993	165.923	29048.299	33536.465	21.178	22804.799
34.425	1.015	14.720						
11/18/2016 8:45:00 PM	254700.000	72.794	17.993	165.920	29067.938	33559.574	21.194	22820.512
34.402	1.015	14.719						
11/18/2016 8:50:00 PM	255000.000	72.782	17.993	165.916	29059.746	33549.871	21.187	22813.914
34.412	1.015	14.721						
11/18/2016 8:55:00 PM	255300.000	72.787	17.993	165.904	29045.547	33533.344	21.176	22802.676
34.429	1.015	14.723						
11/18/2016 9:00:00 PM	255600.000	72.786	17.993	165.902	29063.477	33554.109	21.190	22816.795
34.407	1.015	14.726						
11/18/2016 9:05:00 PM	255900.000	72.785	17.993	165.899	29044.604	33532.445	21.175	22802.063
34.430	1.015	14.726						
11/18/2016 9:10:00 PM	256200.000	72.765	17.993	165.853	29050.234	33538.563	21.180	22806.223
34.423	1.015	14.726						
11/18/2016 9:15:00 PM	256500.000	72.785	17.993	165.900	29039.119	33526.188	21.171	22797.811
34.436	1.015	14.726						
11/18/2016 9:20:00 PM	256800.000	72.782	17.993	165.893	29085.475	33579.309	21.208	22833.932
34.381	1.015	14.726						
11/18/2016 9:25:00 PM	257100.000	72.776	17.993	165.878	29062.777	33553.043	21.190	22816.070
34.408	1.015	14.726						
11/18/2016 9:30:00 PM	257400.000	72.778	17.993	165.883	29059.625	33549.789	21.187	22813.857
34.412	1.015	14.726						
11/18/2016 9:35:00 PM	257700.000	72.757	17.993	165.837	29088.791	33583.141	21.211	22836.537
34.378	1.015	14.726						
11/18/2016 9:40:00 PM	258000.000	72.774	17.993	165.874	29058.635	33548.453	21.186	22812.949
34.413	1.015	14.727						
11/18/2016 9:45:00 PM	258300.000	72.773	17.993	165.873	29085.814	33579.832	21.208	22834.285
34.381	1.015	14.727						
11/18/2016 9:50:00 PM	258600.000	72.778	17.993	165.883	29046.584	33534.484	21.177	22803.449
34.427	1.015	14.728						
11/1								

34.412	1.015	14.730					
11/18/2016 10:05:00 PM	259500.000	14.730	17.993	165.866	29066.125	33557.168	21.192
34.404	1.015	14.731					
11/18/2016 10:10:00 PM	259800.000	14.731	17.993	165.820	29060.768	33551.105	21.188
34.411	1.015	14.732					
11/18/2016 10:15:00 PM	260100.000	14.732	17.993	165.811	29073.688	33566.098	21.199
34.395	1.015	14.733					
11/18/2016 10:20:00 PM	260400.000	14.733	17.993	165.825	29052.352	33541.008	21.181
34.421	1.015	14.731					
11/18/2016 10:25:00 PM	260700.000	14.731	17.993	165.875	29070.805	33562.375	21.196
34.399	1.015	14.728					
11/18/2016 10:30:00 PM	261000.000	14.728	17.993	165.871	29096.807	33592.523	21.217
34.368	1.015	14.726					
11/18/2016 10:35:00 PM	261300.000	14.726	17.993	165.872	29046.012	33533.945	21.176
34.428	1.015	14.727					
11/18/2016 10:40:00 PM	261600.000	14.727	17.993	165.876	29056.219	33545.801	21.185
34.416	1.015	14.729					
11/18/2016 10:45:00 PM	261900.000	14.729	17.992	165.860	29069.533	33561.617	21.196
34.400	1.015	14.731					
11/18/2016 10:50:00 PM	262200.000	14.731	17.993	165.888	29053.711	33543.090	21.183
34.419	1.015	14.727					
11/18/2016 10:55:00 PM	262500.000	14.727	17.993	165.882	29031.373	33517.113	21.165
34.445	1.015	14.723					
11/18/2016 11:00:00 PM	262800.000	14.723	17.993	165.900	29064.338	33555.172	21.191
34.406	1.015	14.719					
11/18/2016 11:05:00 PM	263100.000	14.719	17.993	165.896	29056.666	33546.180	21.185
34.416	1.015	14.721					
11/18/2016 11:10:00 PM	263400.000	14.721	17.993	165.891	29062.219	33552.727	21.189
34.409	1.015	14.723					
11/18/2016 11:15:00 PM	263700.000	14.723	17.993	165.852	29052.965	33541.852	21.182
34.420	1.015	14.725					
11/18/2016 11:20:00 PM	264000.000	14.725	17.993	165.835	29058.566	33548.441	21.186
34.413	1.015	14.727					
11/18/2016 11:25:00 PM	264300.000	14.727	17.993	165.893	29054.992	33544.191	21.183
34.417	1.015	14.729					
11/18/2016 11:30:00 PM	264600.000	14.729	17.993	165.887	29063.521	33554.230	21.190
34.407	1.015	14.731					
11/18/2016 11:35:00 PM	264900.000	14.731	17.993	165.909	29074.189	33566.281	21.199
34.395	1.015	14.728					
11/18/2016 11:40:00 PM	265200.000	14.728	17.993	165.910	29053.551	33542.527	21.182
34.419	1.015	14.725					
11/18/2016 11:45:00 PM	265500.000	14.725	17.993	165.917	29042.975	33530.754	21.174
34.432	1.015	14.722					
11/18/2016 11:50:00 PM	265800.000	14.722	17.994	165.914	29081.164	33574.141	21.204
34.387	1.015	14.726					
11/18/2016 11:55:00 PM	266100.000	14.726	17.993	165.917	29080.578	33573.852	21.204
34.387	1.015	14.731					
11/19/2016 12:00:00 AM	266400.000	14.731	17.993	165.896	29069.457	33560.691	21.195
34.400	1.015	14.735					
11/19/2016 12:05:00 AM	266700.000	14.735	17.993	165.913	29055.010	33544.266	21.183
34.417	1.015	14.733					
11/19/2016 12:10:00 AM	267000.000	14.733	17.993	165.922	29076.650	33569.320	21.201
34.392	1.015	14.730					
11/19/2016 12:15:00 AM	267300.000	14.730	17.994	165.929	29062.971	33553.137	21.190
34.408	1.015	14.728					
11/19/2016 12:20:00 AM	267600.000	14.728	17.992	165.893	29039.289	33526.633	21.171
34.436	1.015	14.727					
11/19/2016 12:25:00 AM	267900.000	14.727	17.993	165.936	29067.457	33558.637	21.193
34.403	1.015	14.726					
11/19/2016 12:30:00 AM	268200.000	14.726	17.993	165.905	29047.891	33536.117	21.178
34.426	1.015	14.725					
11/19/2016 12:35:00 AM	268500.000	14.725	17.993	165.949	29054.643	33544.109	21.183
34.418	1.015	14.725					
11/19/2016 12:40:00 AM	268800.000	14.725	17.993	165.957	29031.689	33517.609	21.165
34.445	1.015	14.725					
11/19/2016 12:45:00 AM	269100.000	14.725	17.993	165.954	29061.199	33551.605	21.189
34.410	1.015	14.726					
11/19/2016 12:50:00 AM	269400.000	14.726	17.993	165.960	29058.818	33548.609	21.187
34.413	1.015	14.726					
11/19/2016 12:55:00 AM	269700.000	14.726	17.993	165.965	29061.229	33551.711	21.189
34.410	1.015	14.727					
11/19/2016 1:00:00 AM	270000.000	14.727	17.993	165.976	29080.158	33573.109	21.204
34.388	1.015	14.728					
11/19/2016 1:05:00 AM	270300.000	14.728	17.993	165.927	29068.502	33560.035	21.194
34.401	1.015	14.726					
11/19/2016 1:10:00 AM	270600.000	14.726	17.993	165.994	29052.059	33541.051	21.181
34.421	1.015	14.725					
11/19/2016 1:15:00 AM	270900.000	14.725	17.993	166.007	29073.633	33565.902	21.199
34.395	1.015	14.724					
11/19/2016 1:20:00 AM	271200.000	14.724	17.993	166.007	29039.688	33526.844	21.171
34.436	1.015	14.723					
11/19/2016 1:25:00 AM	271500.000	14.723	17.993	165.998	29056.795	33546.328	21.185
34.415	1.015	14.723					
11/19/2016 1:30:00 AM	271800.000	14.723	17.993	166.016	29060.516	33550.691	21.188
34.411	1.015	14.722					
11/19/2016 1:35:00 AM	272100.000	14.722	17.993	166.027	29053.449	33542.602	21.182
34.419	1.015	14.721					
11/19/2016 1:40:00 AM	272400.000	14.721	17.993	166.034	29051.367	33540.199	21.181
34.422	1.015	14.719					
11/19/2016 1:45:00 AM	272700.000	14.719	17.993	166.047	29045.863	33534.090	21.176
34.428	1.015	14.717					
11/19/2016 1:50:00 AM	273000.000	14.717	17.993	166.039	29057.820	33547.512	21.186
34.414	1.015	14.720					
11/19/2016 1:55:00 AM	273300.000	14.720	17.993	166.043	29068.150	33559.438	21.194
34.402	1.015	14.722					
11/19/2016 2:00:00 AM	273600.000	14.722	17.993	166.049	29055.826	33545.211	21.184
34.417	1.015	14.724					
11/19/2016 2:05:00 AM	273900.000	14.724	17.993	166.056	29056.955	33546.457	21.185
34.415	1.015	14.723					
11/19/2016 2:10:00 AM	274200.000	14.723	17.993	166.062	29040.838	33528.227	21.172
34.434	1.015	14.723					
11/19/2016 2:15:00 AM	274500.000	14.723	17.993	166.057	29061.998	33552.793	21.189
34.409	1.015	14.722					
11/19/2016 2:20:00 AM	274800.000	14.722	17.993	166.073	29050.346	33539.074	21.180
34.423	1.015	14.721					
11/19/2016 2:25:00 AM	275100.000	14.721	17.993	166.080	29068.285	33559.914	21.194
34.402	1.015	14.719					
11/19/2016 2:30:00 AM	275400.000	14.719	17.993	166.043	29063.607	33542.715	21.182
34.419	1.015	14.718					
11/19/2016 2:35:00 AM	275700.000	14.718	17.993	166.100	29057.008	33546.711	21.185
34.415	1.015	14.718					
11/19/2016 2:40:00 AM	276000.000	14.718	17.993	166.111	29086.475	33580.914	21.209
34.380	1.015	14.718					
11/19/2016 2:45:00 AM	276300.000	14.718	17.993	166.109	29068.449	33559.852	21.194
34.402	1.015	14.717					
11/19/2016 2:50:00 AM	276600.000	14.717	17.993	166.108	29055.213	33544.637	21.184
34.417	1.015	14.719					
11/19/2016 2:55:00 AM	276900.000	14.719	17.993	166.077	29081.271	33574.395	21.204
34.386	1.015	14.720					
11/19/2016 3:00:00 AM	277200.000	14.720	17.993	166.118	29074.764	33567.020	21.199
34.394	1.015	14.722					
11/19/2016 3:05:00 AM	277500.000	14.722	17.993	166.115	29066.586	33557.633	21.193
34.404	1.015	14.720					
11/19/2016 3:10:00 AM	277800.000	14.720	17.993	166.124	29074.357	33566.605	21.199
34.395	1.015	14.718					
11/19/2016 3:15:00 AM	278100.000	14.718	17.993	166.137	29081.039	33574.703	21.205
34.387	1.015	14.716					
11/19/2016 3:20:00 AM	278400.000	14.716	17.993	166.127	29079.154	33572.141	21.203
34.389	1.015	14.719					
11/19/2016 3:25:00 AM	278700.000	14.719	17.993	166.085	29051.717	33540.531	21.181
34.421	1.015	14.722					
11/19/2016 3:30:00 AM	279000.000	14.722	17.993	166.088	29051.811	33540.520	21.181
34.421	1.015	14.724					

22818.877

22814.752

22824.949

22807.887

22822.416

22842.916

22803.086

22811.146

22821.900

22809.301

22791.637

22817.518

22811.402

22815.855

22808.461

22812.941

22810.051

22816.877

22825.074

22808.920

11/19/2016 3:35:00 AM	279300.000	72.899	17.993	166.092	29070.367	33562.383	21.196	22822.420
34.399	1.015	14.722						
11/19/2016 3:40:00 AM	279600.000	72.894	17.993	166.148	29043.104	33530.465	21.174	22800.719
34.432	1.015	14.719						
11/19/2016 3:45:00 AM	279900.000	72.891	17.993	166.141	29071.717	33563.426	21.197	22823.129
34.398	1.015	14.716						
11/19/2016 3:50:00 AM	280200.000	72.893	17.993	166.146	29048.434	33536.867	21.178	22805.070
34.425	1.015	14.716						
11/19/2016 3:55:00 AM	280500.000	72.899	17.993	166.159	29050.572	33539.410	21.180	22806.801
34.423	1.015	14.715						
11/19/2016 4:00:00 AM	280800.000	72.885	17.993	166.127	29070.494	33562.090	21.196	22822.223
34.399	1.015	14.714						
11/19/2016 4:05:00 AM	281100.000	72.901	17.993	166.165	29060.244	33550.180	21.188	22814.125
34.411	1.015	14.713						
11/19/2016 4:10:00 AM	281400.000	72.909	17.993	166.181	29061.072	33551.457	21.188	22814.990
34.410	1.015	14.711						
11/19/2016 4:15:00 AM	281700.000	72.889	17.993	166.136	29065.461	33556.141	21.192	22818.176
34.405	1.015	14.709						
11/19/2016 4:20:00 AM	282000.000	72.910	17.993	166.185	29085.434	33579.656	21.208	22834.168
34.381	1.015	14.711						
11/19/2016 4:25:00 AM	282300.000	72.908	17.993	166.179	29039.688	33526.645	21.171	22798.121
34.436	1.015	14.712						
11/19/2016 4:30:00 AM	282600.000	72.886	17.993	166.130	29076.049	33568.824	21.201	22826.801
34.393	1.015	14.713						
11/19/2016 4:35:00 AM	282900.000	72.909	17.993	166.182	29056.699	33546.539	21.185	22811.646
34.415	1.015	14.714						
11/19/2016 4:40:00 AM	283200.000	72.911	17.993	166.187	29061.154	33551.305	21.188	22814.889
34.410	1.015	14.714						
11/19/2016 4:45:00 AM	283500.000	72.908	17.993	166.180	29061.564	33551.836	21.189	22815.248
34.410	1.015	14.714						
11/19/2016 4:50:00 AM	283800.000	72.895	17.993	166.149	29051.217	33539.887	21.180	22807.123
34.422	1.015	14.713						
11/19/2016 4:55:00 AM	284100.000	72.913	17.993	166.191	29065.129	33556.086	21.192	22818.141
34.405	1.015	14.711						
11/19/2016 5:00:00 AM	284400.000	72.917	17.993	166.201	29055.711	33545.398	21.184	22810.873
34.417	1.015	14.709						
11/19/2016 5:05:00 AM	284700.000	72.918	17.993	166.202	29059.467	33549.797	21.187	22813.861
34.412	1.015	14.711						
11/19/2016 5:10:00 AM	285000.000	72.915	17.993	166.196	29071.344	33563.391	21.197	22823.107
34.398	1.015	14.714						
11/19/2016 5:15:00 AM	285300.000	72.910	17.993	166.184	29070.508	33562.352	21.196	22822.398
34.399	1.015	14.716						
11/19/2016 5:20:00 AM	285600.000	72.915	17.993	166.195	29076.158	33568.684	21.200	22826.705
34.392	1.015	14.714						
11/19/2016 5:25:00 AM	285900.000	72.896	17.993	166.152	29043.021	33530.492	21.174	22800.736
34.432	1.015	14.713						
11/19/2016 5:30:00 AM	286200.000	72.896	17.993	166.151	29064.953	33556.012	21.192	22818.088
34.406	1.015	14.711						
11/19/2016 5:35:00 AM	286500.000	72.918	17.993	166.202	29080.262	33573.559	21.204	22830.021
34.388	1.015	14.710						
11/19/2016 5:40:00 AM	286800.000	72.897	17.993	166.155	29070.508	33562.105	21.196	22822.232
34.399	1.015	14.709						
11/19/2016 5:45:00 AM	287100.000	72.918	17.993	166.203	29063.170	33553.688	21.190	22816.510
34.408	1.015	14.707						
11/19/2016 5:50:00 AM	287400.000	72.921	17.993	166.210	29051.977	33540.512	21.181	22807.551
34.421	1.015	14.706						
11/19/2016 5:55:00 AM	287700.000	72.921	17.993	166.209	29086.330	33580.563	21.209	22834.783
34.380	1.015	14.706						
11/19/2016 6:00:00 AM	288000.000	72.919	17.993	166.205	29063.535	33554.430	21.191	22817.014
34.407	1.015	14.705						
11/19/2016 6:05:00 AM	288300.000	72.924	17.993	166.216	29049.508	33537.723	21.179	22805.652
34.424	1.015	14.705						
11/19/2016 6:10:00 AM	288600.000	72.919	17.993	166.206	29050.260	33538.785	21.180	22806.375
34.423	1.015	14.706						
11/19/2016 6:15:00 AM	288900.000	72.919	17.993	166.204	29070.551	33562.477	21.196	22822.484
34.399	1.015	14.706						
11/19/2016 6:20:00 AM	289200.000	72.921	17.993	166.208	29076.750	33569.750	21.201	22827.432
34.392	1.015	14.705						
11/19/2016 6:25:00 AM	289500.000	72.921	17.993	166.210	29063.795	33554.410	21.191	22817.002
34.407	1.015	14.705						
11/19/2016 6:30:00 AM	289800.000	72.900	17.993	166.161	29053.326	33542.391	21.182	22808.826
34.419	1.015	14.704						
11/19/2016 6:35:00 AM	290100.000	72.916	17.993	166.198	29063.184	33553.648	21.190	22816.480
34.408	1.015	14.707						
11/19/2016 6:40:00 AM	290400.000	72.915	17.993	166.196	29084.572	33578.398	21.207	22833.311
34.382	1.015	14.710						
11/19/2016 6:45:00 AM	290700.000	72.897	17.993	166.154	29057.781	33547.660	21.186	22812.408
34.414	1.015	14.713						
11/19/2016 6:50:00 AM	291000.000	72.898	17.993	166.158	29058.902	33548.707	21.187	22813.121
34.413	1.015	14.711						
11/19/2016 6:55:00 AM	291300.000	72.917	17.993	166.199	29036.639	33523.059	21.169	22795.682
34.439	1.015	14.710						
11/19/2016 7:00:00 AM	291600.000	72.915	17.993	166.196	29063.180	33553.570	21.190	22816.430
34.408	1.015	14.708						
11/19/2016 7:05:00 AM	291900.000	72.912	17.993	166.189	29081.969	33575.773	21.205	22831.525
34.386	1.015	14.708						
11/19/2016 7:10:00 AM	292200.000	72.898	17.993	166.156	29047.125	33535.164	21.177	22803.914
34.427	1.015	14.707						
11/19/2016 7:15:00 AM	292500.000	72.920	17.993	166.207	29059.295	33549.160	21.187	22813.432
34.412	1.015	14.706						
11/19/2016 7:20:00 AM	292800.000	72.898	17.993	166.157	29072.863	33564.750	21.198	22824.029
34.396	1.015	14.705						
11/19/2016 7:25:00 AM	293100.000	72.921	17.993	166.208	29076.814	33569.578	21.201	22827.314
34.392	1.015	14.704						
11/19/2016 7:30:00 AM	293400.000	72.918	17.993	166.202	29061.664	33552.086	21.189	22815.418
34.410	1.015	14.703						
11/19/2016 7:35:00 AM	293700.000	72.917	17.994	166.201	29058.385	33547.715	21.186	22812.449
34.413	1.015	14.706						
11/19/2016 7:40:00 AM	294000.000	72.898	17.993	166.157	29052.199	33541.289	21.181	22808.076
34.421	1.015	14.708						
11/19/2016 7:45:00 AM	294300.000	72.916	17.993	166.198	29075.658	33568.563	21.200	22826.623
34.393	1.015	14.710						
11/19/2016 7:50:00 AM	294600.000	72.913	17.993	166.192	29059.709	33549.563	21.187	22813.703
34.412	1.015	14.709						
11/19/2016 7:55:00 AM	294900.000	72.914	17.993	166.193	29031.539	33517.238	21.165	22791.723
34.445	1.015	14.709						
11/19/2016 8:00:00 AM	295200.000	72.915	17.993	166.195	29041.848	33529.262	21.173	22799.900
34.433	1.015	14.708						
11/19/2016 8:05:00 AM	295500.000	72.898	17.993	166.157	29039.262	33526.223	21.171	22797.832
34.436	1.015	14.708						
11/19/2016 8:10:00 AM	295800.000	72.895	17.993	166.149	29048.605	33536.621	21.178	22804.902
34.425	1.015	14.708						
11/19/2016 8:15:00 AM	296100.000	72.909	17.993	166.181	29062.316	33553.086	21.190	22816.102
34.409	1.015	14.709						
11/19/2016 8:20:00 AM	296400.000	72.913	17.992	166.191	29059.252	33549.746	21.187	22813.830
34.412	1.015	14.707						
11/19/2016 8:25:00 AM	296700.000	72.912	17.993	166.189	29070.324	33562.016	21.196	22822.170
34.399	1.015	14.706						
11/19/2016 8:30:00 AM	297000.000	72.916	17.993	166.198	29052.811	33541.992	21.182	22808.555
34.420	1.015	14.705						
11/19/2016 8:35:00 AM	297300.000	72.895	17.993	166.151	29076.621	33569.285	21.201	22827.113
34.392	1.015	14.706						
11/19/2016 8:40:00 AM	297600.000	72.918	17.993	166.202	29047.531	33535.953	21.178	22804.451
34.426	1.015	14.706						
11/19/2016 8:45:00 AM	297900.000	72.918	17.993	166.203	29065.250	33556.473	21.192	22818.402
34.405	1.015	14.707						
11/19/2016 8:50:00 AM	298200.000	72.918	17.993	166.202	29050.684	33539.340	21.180	22806.754
34.423	1.015	14.708						
11/19/2016 8:55:00 AM	298500.000	72.921	17.993	166.209	29057.162	33546.695	21.185	22811.754
34.415	1.015	14.708						
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34.406	1.015	14.711					
11/19/2016 9:10:00 AM	299400.000	72.892	17.993	166.144	29047.955	33535.930	21.178
34.426	1.015	14.713					
11/19/2016 9:15:00 AM	299700.000	72.912	17.993	166.189	29058.281	33547.852	21.186
34.414	1.015	14.716					
11/19/2016 9:20:00 AM	300000.000	72.911	17.993	166.186	29055.227	33544.520	21.184
34.417	1.015	14.715					
11/19/2016 9:25:00 AM	300300.000	72.914	17.993	166.194	29051.242	33539.664	21.180
34.422	1.015	14.715					
11/19/2016 9:30:00 AM	300600.000	72.912	17.993	166.189	29041.988	33529.500	21.173
34.433	1.015	14.714					
11/19/2016 9:35:00 AM	300900.000	72.911	17.993	166.187	29053.314	33542.766	21.182
34.419	1.015	14.713					
11/19/2016 9:40:00 AM	301200.000	72.917	17.993	166.201	29052.977	33542.305	21.182
34.420	1.015	14.712					
11/19/2016 9:45:00 AM	301500.000	72.916	17.993	166.198	29074.609	33567.086	21.199
34.394	1.015	14.710					
11/19/2016 9:50:00 AM	301800.000	72.924	17.993	166.216	29064.883	33555.988	21.192
34.406	1.015	14.711					
11/19/2016 9:55:00 AM	302100.000	72.923	17.993	166.214	29068.303	33559.559	21.194
34.402	1.015	14.711					
11/19/2016 10:00:00 AM	302400.000	72.922	17.993	166.212	29074.695	33566.863	21.199
34.394	1.015	14.712					
11/19/2016 10:05:00 AM	302700.000	72.923	17.993	166.214	29073.689	33565.578	21.198
34.395	1.015	14.710					
11/19/2016 10:10:00 AM	303000.000	72.928	17.992	166.226	29072.535	33565.148	21.198
34.397	1.015	14.708					
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34.381	1.015	14.706					
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34.412	1.015	14.707					
11/19/2016 10:25:00 AM	303900.000	72.911	17.993	166.187	29078.518	33571.672	21.203
34.390	1.015	14.708					
11/19/2016 10:30:00 AM	304200.000	72.915	17.993	166.195	29076.551	33569.273	21.201
34.392	1.015	14.710					
11/19/2016 10:35:00 AM	304500.000	72.930	17.993	166.230	29075.111	33567.418	21.200
34.394	1.015	14.710					
11/19/2016 10:40:00 AM	304800.000	72.933	17.994	166.237	29055.475	33544.484	21.184
34.417	1.015	14.711					
11/19/2016 10:45:00 AM	305100.000	72.933	17.993	166.238	29058.408	33548.328	21.186
34.413	1.015	14.711					
11/19/2016 10:50:00 AM	305400.000	72.932	17.993	166.234	29083.350	33577.445	21.207
34.384	1.015	14.712					
11/19/2016 10:55:00 AM	305700.000	72.933	17.993	166.236	29049.668	33538.102	21.179
34.424	1.015	14.713					
11/19/2016 11:00:00 AM	306000.000	72.934	17.993	166.239	29052.203	33541.219	21.181
34.421	1.015	14.714					
11/19/2016 11:05:00 AM	306300.000	72.938	17.993	166.248	29063.641	33554.613	21.191
34.407	1.015	14.712					
11/19/2016 11:10:00 AM	306600.000	72.944	17.992	166.262	29067.736	33559.543	21.194
34.402	1.015	14.711					
11/19/2016 11:15:00 AM	306900.000	72.938	17.993	166.244	29053.400	33542.676	21.182
34.419	1.015	14.709					
11/19/2016 11:20:00 AM	307200.000	72.944	17.993	166.262	29085.631	33579.813	21.208
34.381	1.015	14.709					
11/19/2016 11:25:00 AM	307500.000	72.944	17.993	166.262	29033.123	33519.383	21.166
34.443	1.015	14.709					
11/19/2016 11:30:00 AM	307800.000	72.949	17.993	166.273	29073.373	33565.660	21.198
34.396	1.015	14.709					
11/19/2016 11:35:00 AM	308100.000	72.949	17.993	166.274	29073.707	33565.922	21.199
34.395	1.015	14.710					
11/19/2016 11:40:00 AM	308400.000	72.951	17.993	166.279	29050.592	33539.113	21.180
34.423	1.015	14.712					
11/19/2016 11:45:00 AM	308700.000	72.946	17.993	166.267	29079.424	33572.836	21.203
34.389	1.015	14.713					
11/19/2016 11:50:00 AM	309000.000	72.954	17.993	166.284	29057.750	33547.695	21.186
34.414	1.015	14.710					
11/19/2016 11:55:00 AM	309300.000	72.954	17.993	166.284	29046.350	33534.461	21.177
34.428	1.015	14.706					
11/19/2016 12:00:00 PM	309600.000	72.960	17.993	166.298	29052.414	33541.141	21.181
34.421	1.015	14.702					
11/19/2016 12:05:00 PM	309900.000	72.960	17.993	166.299	29066.504	33557.805	21.193
34.404	1.015	14.702					
11/19/2016 12:10:00 PM	310200.000	72.945	17.993	166.263	29059.613	33549.719	21.187
34.412	1.015	14.702					
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34.411	1.015	14.702					
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34.419	1.015	14.703					
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34.381	1.015	14.703					
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34.409	1.015	14.704					
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34.412	1.015	14.704					
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34.426	1.015	14.704					
11/19/2016 12:45:00 PM	312300.000	72.971	17.993	166.323	29049.652	33538.027	21.179
34.424	1.015	14.704					
11/19/2016 12:50:00 PM	312600.000	72.951	17.993	166.278	29047.252	33535.121	21.177
34.427	1.015	14.706					
11/19/2016 12:55:00 PM	312900.000	72.972	17.993	166.326	29053.236	33542.484	21.182
34.420	1.015	14.708					
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34.399	1.015	14.710					
11/19/2016 1:05:00 PM	313500.000	72.975	17.993	166.332	29045.939	33533.863	21.176
34.428	1.015	14.706					
11/19/2016 1:10:00 PM	313800.000	72.979	17.993	166.342	29048.570	33536.969	21.178
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34.389	1.015	14.697					
11/19/2016 1:20:00 PM	314400.000	72.987	17.992	166.359	29085.635	33580.332	21.209
34.381	1.015	14.698					
11/19/2016 1:25:00 PM	314700.000	72.992	17.993	166.371	29065.438	33556.691	21.192
34.405	1.015	14.698					
11/19/2016 1:30:00 PM	315000.000	72.992	17.993	166.371	29047.551	33535.656	21.178
34.426	1.015	14.699					
11/19/2016 1:35:00 PM	315300.000	72.995	17.993	166.378	29064.334	33555.098	21.191
34.406	1.015	14.699					
11/19/2016 1:40:00 PM	315600.000	72.991	17.993	166.368	29062.531	33553.145	21.190
34.409	1.015	14.699					
11/19/2016 1:45:00 PM	315900.000	72.989	17.993	166.365	29078.293	33571.215	21.202
34.390	1.015	14.699					
11/19/2016 1:50:00 PM	316200.000	72.998	17.993	166.388	29074.215	33566.188	21.199
34.395	1.015	14.698					
11/19/2016 1:55:00 PM	316500.000	72.997	17.993	166.383	29073.174	33565.375	21.198
34.396	1.015	14.697					
11/19/2016 2:00:00 PM	316800.000	73.002	17.993	166.395	29072.439	33564.457	21.198
34.397	1.015	14.696					
11/19/2016 2:05:00 PM	317100.000	72.986	17.993	166.357	29083.951	33577.625	21.207
34.383	1.015	14.697					
11/19/2016 2:10:00 PM	317400.000	72.983	17.993	166.352	29053.971	33542.875	21.183
34.419	1.015	14.699					
11/19/2016 2:15:00 PM	317700.000	73.000	17.993	166.390	29080.627	33573.715	21.204
34.420	1.015	14.700					
11/19/2016 2:20:00 PM	318000.000	73.001	17.993	166.392	29052.701	33541.668	21.182
34.420	1.015	14.699					
11/19/2016 2:25:00 PM	318300.000	73.008	17.993	166.407	29072.418	33564.633	21.198
34.397	1.015	14.699					
11/19/2016 2:30:00 PM	318600.000	73.006	17.993	166.404	29077.811	33570.781	21.202
34.390	1.015	14.698					
11/19/2016 2:35:00 PM	318900.000	73.007	17.993	166.406	29066.395	33557.477	21.193
34.404	1.015	14.697					

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22810.252

22812.865

11/19/2016 2:40:00 PM	319200.000	73.007	17.993	166.406	29065.514	33556.586	21.192	22818.480
34.405	1.015	14.696						
11/19/2016 2:45:00 PM	319500.000	72.994	17.993	166.376	29064.760	33555.715	21.191	22817.889
34.406	1.015	14.694						
11/19/2016 2:50:00 PM	319800.000	73.009	17.993	166.410	29050.777	33539.574	21.180	22806.912
34.422	1.015	14.696						
11/19/2016 2:55:00 PM	320100.000	73.013	17.993	166.418	29073.711	33565.996	21.199	22824.879
34.395	1.015	14.697						
11/19/2016 3:00:00 PM	320400.000	73.010	17.993	166.413	29063.822	33554.633	21.191	22817.152
34.407	1.015	14.699						
11/19/2016 3:05:00 PM	320700.000	73.016	17.993	166.425	29060.035	33550.016	21.187	22814.012
34.412	1.015	14.698						
11/19/2016 3:10:00 PM	321000.000	73.017	17.993	166.427	29080.172	33573.316	21.204	22829.857
34.388	1.015	14.698						
11/19/2016 3:15:00 PM	321300.000	73.020	17.993	166.435	29080.828	33574.074	21.204	22830.371
34.387	1.015	14.698						
11/19/2016 3:20:00 PM	321600.000	73.014	17.993	166.420	29052.732	33541.773	21.182	22808.406
34.420	1.015	14.698						
11/19/2016 3:25:00 PM	321900.000	73.018	17.993	166.431	29056.012	33545.426	21.184	22810.893
34.416	1.015	14.698						
11/19/2016 3:30:00 PM	322200.000	73.015	17.993	166.425	29050.555	33538.871	21.180	22806.434
34.423	1.015	14.699						
11/19/2016 3:35:00 PM	322500.000	73.011	17.993	166.415	29077.262	33569.828	21.201	22827.484
34.391	1.015	14.699						
11/19/2016 3:40:00 PM	322800.000	73.015	17.993	166.424	29083.174	33576.918	21.206	22832.307
34.384	1.015	14.699						
11/19/2016 3:45:00 PM	323100.000	72.996	17.994	166.380	29078.318	33570.855	21.202	22828.182
34.390	1.015	14.699						
11/19/2016 3:50:00 PM	323400.000	72.994	17.992	166.377	29078.670	33572.098	21.203	22829.029
34.389	1.015	14.700						
11/19/2016 3:55:00 PM	323700.000	73.008	17.993	166.407	29070.248	33562.180	21.196	22822.285
34.399	1.015	14.701						
11/19/2016 4:00:00 PM	324000.000	73.007	17.993	166.406	29063.574	33554.027	21.190	22816.740
34.407	1.015	14.702						
11/19/2016 4:05:00 PM	324300.000	73.006	17.993	166.403	29071.914	33563.918	21.197	22823.465
34.397	1.015	14.701						
11/19/2016 4:10:00 PM	324600.000	73.007	17.993	166.405	29081.277	33574.594	21.205	22830.727
34.386	1.015	14.701						
11/19/2016 4:15:00 PM	324900.000	73.009	17.993	166.410	29060.516	33550.816	21.188	22814.557
34.411	1.015	14.700						
11/19/2016 4:20:00 PM	325200.000	73.005	17.993	166.402	29078.619	33571.469	21.202	22828.600
34.390	1.015	14.699						
11/19/2016 4:25:00 PM	325500.000	73.004	17.994	166.399	29056.316	33545.457	21.184	22810.912
34.416	1.015	14.697						
11/19/2016 4:30:00 PM	325800.000	73.006	17.993	166.403	29068.129	33559.414	21.194	22820.404
34.402	1.015	14.696						
11/19/2016 4:35:00 PM	326100.000	73.003	17.993	166.396	29054.996	33544.121	21.183	22810.004
34.417	1.015	14.695						
11/19/2016 4:40:00 PM	326400.000	73.004	17.993	166.398	29063.484	33554.242	21.190	22816.885
34.407	1.015	14.695						
11/19/2016 4:45:00 PM	326700.000	73.003	17.992	166.396	29064.807	33556.160	21.192	22818.189
34.406	1.015	14.694						
11/19/2016 4:50:00 PM	327000.000	73.002	17.993	166.395	29059.881	33549.836	21.187	22813.891
34.412	1.015	14.696						
11/19/2016 4:55:00 PM	327300.000	73.001	17.993	166.392	29073.264	33565.211	21.198	22824.344
34.396	1.015	14.697						
11/19/2016 5:00:00 PM	327600.000	72.995	17.993	166.377	29067.506	33558.961	21.194	22820.096
34.403	1.015	14.698						
11/19/2016 5:05:00 PM	327900.000	72.996	17.993	166.381	29051.609	33540.086	21.181	22807.258
34.422	1.015	14.697						
11/19/2016 5:10:00 PM	328200.000	72.978	17.993	166.339	29067.344	33558.254	21.193	22819.615
34.403	1.015	14.695						
11/19/2016 5:15:00 PM	328500.000	72.995	17.993	166.378	29077.873	33570.664	21.202	22828.055
34.390	1.015	14.693						
11/19/2016 5:20:00 PM	328800.000	72.993	17.993	166.374	29055.309	33544.879	21.184	22810.518
34.417	1.015	14.694						
11/19/2016 5:25:00 PM	329100.000	72.990	17.993	166.367	29048.857	33537.547	21.179	22805.533
34.425	1.015	14.695						
11/19/2016 5:30:00 PM	329400.000	72.987	17.993	166.360	29070.791	33562.625	21.196	22822.588
34.399	1.015	14.696						
11/19/2016 5:35:00 PM	329700.000	72.987	17.993	166.359	29067.488	33558.809	21.194	22819.992
34.403	1.015	14.697						
11/19/2016 5:40:00 PM	330000.000	72.982	17.993	166.348	29069.996	33561.637	21.196	22821.914
34.400	1.015	14.699						
11/19/2016 5:45:00 PM	330300.000	72.975	17.993	166.333	29063.129	33553.832	21.190	22816.607
34.408	1.015	14.700						
11/19/2016 5:50:00 PM	330600.000	72.978	17.993	166.340	29075.309	33567.770	21.200	22826.084
34.393	1.015	14.700						
11/19/2016 5:55:00 PM	330900.000	72.978	17.993	166.338	29045.313	33533.141	21.176	22802.535
34.429	1.015	14.699						
11/19/2016 6:00:00 PM	331200.000	72.977	17.993	166.336	29045.098	33532.695	21.175	22802.232
34.429	1.015	14.699						
11/19/2016 6:05:00 PM	331500.000	72.971	17.994	166.322	29075.064	33567.102	21.199	22825.631
34.394	1.015	14.699						
11/19/2016 6:10:00 PM	331800.000	72.971	17.993	166.324	29080.125	33573.527	21.204	22830.000
34.388	1.015	14.700						
11/19/2016 6:15:00 PM	332100.000	72.962	17.994	166.304	29061.510	33551.395	21.188	22814.951
34.410	1.015	14.700						
11/19/2016 6:20:00 PM	332400.000	72.963	17.993	166.306	29086.627	33580.770	21.209	22834.924
34.380	1.015	14.699						
11/19/2016 6:25:00 PM	332700.000	72.962	17.993	166.303	29076.514	33569.230	21.201	22827.078
34.392	1.015	14.698						
11/19/2016 6:30:00 PM	333000.000	72.961	17.993	166.301	29075.240	33567.816	21.200	22826.117
34.394	1.015	14.697						
11/19/2016 6:35:00 PM	333300.000	72.958	17.993	166.294	29045.602	33533.473	21.176	22802.764
34.429	1.015	14.700						
11/19/2016 6:40:00 PM	333600.000	72.952	17.993	166.279	29069.682	33561.273	21.195	22821.666
34.400	1.015	14.703						
11/19/2016 6:45:00 PM	333900.000	72.948	17.993	166.271	29059.664	33549.512	21.187	22813.670
34.412	1.015	14.706						
11/19/2016 6:50:00 PM	334200.000	72.944	17.993	166.263	29070.656	33562.277	21.196	22822.352
34.399	1.015	14.706						
11/19/2016 6:55:00 PM	334500.000	72.945	17.993	166.263	29056.893	33546.508	21.185	22811.627
34.415	1.015	14.706						
11/19/2016 7:00:00 PM	334800.000	72.941	17.993	166.254	29055.008	33544.137	21.183	22810.016
34.417	1.015	14.705						
11/19/2016 7:05:00 PM	335100.000	72.932	17.993	166.235	29084.455	33578.207	21.207	22833.184
34.383	1.015	14.706						
11/19/2016 7:10:00 PM	335400.000	72.915	17.993	166.196	29044.635	33532.480	21.175	22802.090
34.430	1.015	14.707						
11/19/2016 7:15:00 PM	335700.000	72.932	17.993	166.236	29053.916	33543.195	21.183	22809.373
34.419	1.015	14.708						
11/19/2016 7:20:00 PM	336000.000	72.933	17.993	166.237	29084.230	33578.324	21.207	22833.262
34.383	1.015	14.707						
11/19/2016 7:25:00 PM	336300.000	72.926	17.993	166.221	29048.311	33536.602	21.178	22804.891
34.425	1.015	14.707						
11/19/2016 7:30:00 PM	336600.000	72.923	17.993	166.213	29091.934	33586.766	21.213	22839.000
34.374	1.015	14.706						
11/19/2016 7:35:00 PM	336900.000	72.906	17.993	166.176	29053.711	33542.902	21.183	22809.176
34.419	1.015	14.707						
11/19/2016 7:40:00 PM	337200.000	72.920	17.993	166.207	29059.682	33549.727	21.187	22813.816
34.412	1.015	14.708						
11/19/2016 7:45:00 PM	337500.000	72.914	17.993	166.193	29092.297	33587.773	21.214	22839.688
34.373	1.015	14.709						
11/19/2016 7:50:00 PM	337800.000	72.912	17.993	166.188	29047.779	33535.988	21.178	22804.475
34.426	1.015	14.709						
11/19/2016 7:55:00 PM	338100.000	72.911	17.993	166.187	29083.070	33576.609	21.206	22832.094
34.384	1.015	14.710						
11/19/2016 8:00:00 PM	338400.000	72.883	17.993	166.123	29066.809	33557.699	21.193	22819.236
34.404	1.015	14.711						
11/1								

34.384	1.015	14.710				
11/19/2016 8:15:00 PM	339300.000	72.896	17.993	166.153	29058.297	33548.063
34.414	1.015	14.710				
11/19/2016 8:20:00 PM	339600.000	72.902	17.993	166.167	29062.031	33552.695
34.409	1.015	14.708				
11/19/2016 8:25:00 PM	339900.000	72.894	17.993	166.147	29050.246	33538.770
34.423	1.015	14.706				
11/19/2016 8:30:00 PM	340200.000	72.895	17.993	166.150	29078.619	33571.848
34.390	1.015	14.704				
11/19/2016 8:35:00 PM	340500.000	72.891	17.993	166.141	29072.447	33564.465
34.397	1.015	14.706				
11/19/2016 8:40:00 PM	340800.000	72.888	17.993	166.134	29061.094	33551.234
34.410	1.015	14.707				
11/19/2016 8:45:00 PM	341100.000	72.879	17.993	166.115	29073.195	33565.398
34.396	1.015	14.709				
11/19/2016 8:50:00 PM	341400.000	72.878	17.993	166.111	29039.055	33525.848
34.436	1.015	14.709				
11/19/2016 8:55:00 PM	341700.000	72.879	17.993	166.113	29066.346	33557.227
34.404	1.015	14.709				
11/19/2016 9:00:00 PM	342000.000	72.881	17.993	166.117	29056.717	33546.375
34.415	1.015	14.708				
11/19/2016 9:05:00 PM	342300.000	72.877	17.993	166.109	29042.469	33529.660
34.432	1.015	14.710				
11/19/2016 9:10:00 PM	342600.000	72.867	17.993	166.086	29064.518	33555.246
34.406	1.015	14.712				
11/19/2016 9:15:00 PM	342900.000	72.868	17.993	166.089	29067.191	33558.141
34.403	1.015	14.714				
11/19/2016 9:20:00 PM	343200.000	72.869	17.993	166.090	29045.160	33533.086
34.429	1.015	14.713				
11/19/2016 9:25:00 PM	343500.000	72.866	17.993	166.084	29057.121	33546.574
34.415	1.015	14.713				
11/19/2016 9:30:00 PM	343800.000	72.861	17.992	166.074	29073.012	33565.566
34.396	1.015	14.713				
11/19/2016 9:35:00 PM	344100.000	72.864	17.993	166.079	29074.002	33566.066
34.395	1.015	14.712				
11/19/2016 9:40:00 PM	344400.000	72.864	17.993	166.079	29074.113	33566.457
34.395	1.015	14.711				
11/19/2016 9:45:00 PM	344700.000	72.862	17.993	166.075	29067.744	33559.234
34.402	1.015	14.710				
11/19/2016 9:50:00 PM	345000.000	72.855	17.993	166.060	29066.053	33557.281
34.404	1.015	14.711				
11/19/2016 9:55:00 PM	345300.000	72.840	17.993	166.024	29059.699	33549.875
34.412	1.015	14.711				
11/19/2016 10:00:00 PM	345600.000	72.855	17.993	166.059	29067.279	33558.625
34.403	1.015	14.711				
11/19/2016 10:05:00 PM	345900.000	72.849	17.993	166.046	29072.943	33564.719
34.396	1.015	14.710				
11/19/2016 10:10:00 PM	346200.000	72.859	17.993	166.069	29070.393	33561.973
34.399	1.015	14.710				
11/19/2016 10:15:00 PM	346500.000	72.853	17.993	166.054	29060.240	33550.306
34.411	1.015	14.710				
11/19/2016 10:20:00 PM	346800.000	72.852	17.993	166.008	29058.809	33548.523
34.413	1.015	14.711				
11/19/2016 10:25:00 PM	347100.000	72.848	17.993	166.043	29073.609	33565.879
34.395	1.015	14.713				
11/19/2016 10:30:00 PM	347400.000	72.851	17.993	166.050	29057.854	33547.871
34.414	1.015	14.714				
11/19/2016 10:35:00 PM	347700.000	72.847	17.993	166.040	29090.992	33585.809
34.375	1.015	14.715				
11/19/2016 10:40:00 PM	348000.000	72.841	17.993	166.028	29068.504	33560.039
34.401	1.015	14.716				
11/19/2016 10:45:00 PM	348300.000	72.842	17.993	166.029	29047.037	33535.129
34.427	1.015	14.716				
11/19/2016 10:50:00 PM	348600.000	72.847	17.993	166.041	29045.158	33532.703
34.429	1.015	14.714				
11/19/2016 10:55:00 PM	348900.000	72.841	17.993	166.026	29047.801	33536.082
34.426	1.015	14.713				
11/19/2016 11:00:00 PM	349200.000	72.846	17.993	166.037	29046.467	33534.473
34.428	1.015	14.711				
11/19/2016 11:05:00 PM	349500.000	72.828	17.993	165.997	29079.105	33572.152
34.389	1.015	14.711				
11/19/2016 11:10:00 PM	349800.000	72.844	17.993	166.035	29053.596	33542.828
34.419	1.015	14.712				
11/19/2016 11:15:00 PM	350100.000	72.848	17.993	166.044	29042.215	33529.879
34.433	1.015	14.712				
11/19/2016 11:20:00 PM	350400.000	72.851	17.993	166.049	29033.021	33519.203
34.444	1.015	14.710				
11/19/2016 11:25:00 PM	350700.000	72.845	17.993	166.036	29052.307	33541.215
34.421	1.015	14.708				
11/19/2016 11:30:00 PM	351000.000	72.849	17.993	166.044	29069.844	33561.461
34.400	1.015	14.706				
11/19/2016 11:35:00 PM	351300.000	72.832	17.993	166.006	29045.121	33532.852
34.429	1.015	14.706				
11/19/2016 11:40:00 PM	351600.000	72.853	17.993	166.054	29049.789	33538.375
34.424	1.015	14.706				
11/19/2016 11:45:00 PM	351900.000	72.849	17.993	166.045	29063.180	33553.965
34.408	1.015	14.705				
11/19/2016 11:50:00 PM	352200.000	72.853	17.993	166.055	29052.338	33540.992
34.421	1.015	14.706				
11/19/2016 11:55:00 PM	352500.000	72.851	17.993	166.050	29051.777	33540.672
34.421	1.015	14.707				
11/20/2016 12:00:00 AM	352800.000	72.853	17.993	166.053	29079.619	33572.945
34.388	1.015	14.708				
11/20/2016 12:05:00 AM	353100.000	72.853	17.993	166.054	29047.688	33536.078
34.426	1.015	14.707				
11/20/2016 12:10:00 AM	353400.000	72.857	17.993	166.064	29080.559	33573.898
34.387	1.015	14.706				
11/20/2016 12:15:00 AM	353700.000	72.858	17.993	166.066	29047.764	33535.902
34.426	1.015	14.705				
11/20/2016 12:20:00 AM	354000.000	72.857	17.993	166.063	29059.449	33549.586
34.412	1.015	14.706				
11/20/2016 12:25:00 AM	354300.000	72.860	17.993	166.070	29064.084	33554.551
34.407	1.015	14.708				
11/20/2016 12:30:00 AM	354600.000	72.858	17.993	166.067	29048.793	33537.035
34.425	1.015	14.709				
11/20/2016 12:35:00 AM	354900.000	72.858	17.993	166.067	29062.090	33552.508
34.409	1.015	14.707				
11/20/2016 12:40:00 AM	355200.000	72.865	17.993	166.081	29089.338	33583.844
34.377	1.015	14.705				
11/20/2016 12:45:00 AM	355500.000	72.868	17.993	166.089	29044.893	33532.852
34.429	1.015	14.702				
11/20/2016 12:50:00 AM	355800.000	72.868	17.993	166.088	29078.066	33570.887
34.390	1.015	14.702				
11/20/2016 12:55:00 AM	356100.000	72.873	17.992	166.101	29066.631	33558.266
34.404	1.015	14.701				
11/20/2016 1:00:00 AM	356400.000	72.873	17.993	166.100	29067.531	33558.859
34.403	1.015	14.701				
11/20/2016 1:05:00 AM	356700.000	72.874	17.993	166.103	29062.578	33553.004
34.409	1.015	14.703				
11/20/2016 1:10:00 AM	357000.000	72.880	17.993	166.116	29066.895	33558.125
34.403	1.015	14.704				
11/20/2016 1:15:00 AM	357300.000	72.877	17.993	166.110	29092.203	33587.527
34.373	1.015	14.706				
11/20/2016 1:20:00 AM	357600.000	72.883	17.993	166.123	29056.045	33545.461
34.416	1.015	14.706				
11/20/2016 1:25:00 AM	357900.000	72.882	17.993	166.120	29067.439	33558.809
34.403	1.015	14.705				
11/20/2016 1:30:00 AM	358200.000	72.887	17.993	166.131	29081.725	33574.980
34.386	1.015	14.705				
11/20/2016 1:35:00 AM	358500.000	72.872	17.993	166.097	29074.213	33566.574
34.395	1.015	14.704				
11/20/2016 1:40:00 AM	358800.000	72.877	17.993	166.108	29072.795	33564.801
34.396	1.015	14.703				

21.186

22812.686

21.189

22815.836

21.180

22806.363

21.203

22828.859

21.198

22823.838

21.188

22814.840

21.198

22824.473

21.171

22797.576

21.193

22818.914

21.185

22811.537

21.173

22800.172

21.191

22817.570

21.193

22819.537

21.176

22802.500

21.185

22811.670

21.198

22824.586

21.199

22824.926

21.199

22825.193

21.194

22820.279

21.193

22818.953

21.187

22813.918

21.193

22819.865

21.198

22824.012

21.196

11/20/2016 1:45:00 AM	359100.000	72.893	17.993	166.145	29063.945	33554.848	21.191	22817.299
34.407	1.015	14.702						
11/20/2016 1:50:00 AM	359400.000	72.896	17.993	166.152	29072.514	33564.742	21.198	22824.025
34.397	1.015	14.704						
11/20/2016 1:55:00 AM	359700.000	72.878	17.993	166.112	29067.006	33558.383	21.193	22819.703
34.403	1.015	14.706						
11/20/2016 2:00:00 AM	360000.000	72.902	17.993	166.167	29054.148	33543.539	21.183	22809.609
34.418	1.015	14.708						
11/20/2016 2:05:00 AM	360300.000	72.902	17.993	166.165	29066.346	33557.492	21.193	22819.098
34.404	1.015	14.708						
11/20/2016 2:10:00 AM	360600.000	72.901	17.993	166.165	29075.754	33568.480	21.200	22826.566
34.393	1.015	14.707						
11/20/2016 2:15:00 AM	360900.000	72.908	17.993	166.181	29053.613	33542.602	21.182	22808.969
34.419	1.015	14.707						
11/20/2016 2:20:00 AM	361200.000	72.895	17.993	166.150	29077.215	33570.094	21.201	22827.666
34.391	1.015	14.707						
11/20/2016 2:25:00 AM	361500.000	72.913	17.993	166.191	29046.402	33534.332	21.177	22803.346
34.428	1.015	14.707						
11/20/2016 2:30:00 AM	361800.000	72.917	17.993	166.201	29094.703	33589.840	21.215	22841.094
34.371	1.015	14.706						
11/20/2016 2:35:00 AM	362100.000	72.917	17.993	166.199	29053.758	33543.145	21.183	22809.340
34.419	1.015	14.706						
11/20/2016 2:40:00 AM	362400.000	72.923	17.993	166.214	29071.557	33563.508	21.197	22823.188
34.398	1.015	14.706						
11/20/2016 2:45:00 AM	362700.000	72.927	17.993	166.224	29051.811	33540.957	21.181	22807.852
34.421	1.015	14.705						
11/20/2016 2:50:00 AM	363000.000	72.925	17.993	166.220	29071.057	33562.930	21.196	22822.795
34.398	1.015	14.705						
11/20/2016 2:55:00 AM	363300.000	72.933	17.993	166.236	29049.723	33538.430	21.179	22806.133
34.424	1.015	14.705						
11/20/2016 3:00:00 AM	363600.000	72.934	17.993	166.240	29052.447	33541.309	21.181	22808.090
34.421	1.015	14.704						
11/20/2016 3:05:00 AM	363900.000	72.934	17.993	166.239	29064.789	33555.625	21.191	22817.828
34.406	1.015	14.704						
11/20/2016 3:10:00 AM	364200.000	72.918	17.993	166.203	29064.445	33555.031	21.191	22817.424
34.406	1.015	14.704						
11/20/2016 3:15:00 AM	364500.000	72.944	17.993	166.262	29067.352	33558.707	21.194	22819.924
34.403	1.015	14.703						
11/20/2016 3:20:00 AM	364800.000	72.946	17.993	166.268	29069.230	33560.555	21.195	22821.178
34.401	1.015	14.701						
11/20/2016 3:25:00 AM	365100.000	72.927	17.993	166.223	29075.566	33568.266	21.200	22826.422
34.393	1.015	14.700						
11/20/2016 3:30:00 AM	365400.000	72.953	17.993	166.281	29081.916	33575.277	21.205	22831.189
34.386	1.015	14.698						
11/20/2016 3:35:00 AM	365700.000	72.952	17.993	166.280	29076.404	33568.914	21.201	22826.863
34.392	1.015	14.698						
11/20/2016 3:40:00 AM	366000.000	72.949	17.993	166.274	29087.367	33581.816	21.210	22835.637
34.379	1.015	14.699						
11/20/2016 3:45:00 AM	366300.000	72.954	17.993	166.285	29051.652	33540.457	21.181	22807.512
34.421	1.015	14.700						
11/20/2016 3:50:00 AM	366600.000	72.953	17.993	166.283	29063.648	33554.379	21.191	22816.980
34.407	1.015	14.699						
11/20/2016 3:55:00 AM	366900.000	72.959	17.993	166.296	29065.377	33556.305	21.192	22818.289
34.405	1.015	14.698						
11/20/2016 4:00:00 AM	367200.000	72.963	17.994	166.306	29064.840	33555.297	21.191	22817.602
34.406	1.015	14.697						
11/20/2016 4:05:00 AM	367500.000	72.942	17.993	166.258	29089.590	33584.383	21.211	22837.381
34.377	1.015	14.697						
11/20/2016 4:10:00 AM	367800.000	72.963	17.993	166.305	29069.520	33561.285	21.195	22821.674
34.400	1.015	14.697						
11/20/2016 4:15:00 AM	368100.000	72.969	17.993	166.319	29082.813	33576.367	21.206	22831.930
34.385	1.015	14.697						
11/20/2016 4:20:00 AM	368400.000	72.970	17.993	166.320	29086.652	33581.121	21.209	22835.164
34.380	1.015	14.699						
11/20/2016 4:25:00 AM	368700.000	72.969	17.993	166.320	29073.041	33564.895	21.198	22824.129
34.396	1.015	14.700						
11/20/2016 4:30:00 AM	369000.000	72.966	17.992	166.312	29064.139	33555.320	21.191	22817.617
34.407	1.015	14.702						
11/20/2016 4:35:00 AM	369300.000	72.973	17.993	166.328	29060.455	33550.426	21.188	22814.291
34.411	1.015	14.700						
11/20/2016 4:40:00 AM	369600.000	72.972	17.994	166.327	29049.363	33537.421	21.179	22805.451
34.424	1.015	14.699						
11/20/2016 4:45:00 AM	369900.000	72.982	17.993	166.348	29051.211	33539.691	21.180	22806.992
34.427	1.015	14.697						
11/20/2016 4:50:00 AM	370200.000	72.982	17.993	166.349	29070.979	33562.895	21.196	22822.770
34.399	1.015	14.697						
11/20/2016 4:55:00 AM	370500.000	72.983	17.993	166.350	29067.979	33559.434	21.194	22820.418
34.402	1.015	14.698						
11/20/2016 5:00:00 AM	370800.000	72.985	17.993	166.356	29096.266	33592.281	21.217	22842.752
34.369	1.015	14.698						
11/20/2016 5:05:00 AM	371100.000	72.987	17.993	166.360	29100.959	33597.383	21.220	22846.223
34.363	1.015	14.698						
11/20/2016 5:10:00 AM	371400.000	72.987	17.993	166.361	29070.199	33561.996	21.196	22822.158
34.399	1.015	14.698						
11/20/2016 5:15:00 AM	371700.000	72.989	17.993	166.365	29062.193	33552.883	21.189	22815.961
34.409	1.015	14.698						
11/20/2016 5:20:00 AM	372000.000	72.990	17.993	166.367	29067.434	33558.680	21.194	22819.904
34.403	1.015	14.697						
11/20/2016 5:25:00 AM	372300.000	72.994	17.993	166.376	29067.850	33559.227	21.194	22820.273
34.402	1.015	14.697						
11/20/2016 5:30:00 AM	372600.000	72.974	17.993	166.331	29070.596	33562.262	21.196	22822.338
34.399	1.015	14.697						
11/20/2016 5:35:00 AM	372900.000	73.000	17.993	166.390	29043.900	33531.578	21.175	22801.473
34.431	1.015	14.698						
11/20/2016 5:40:00 AM	373200.000	72.997	17.993	166.382	29043.043	33530.586	21.174	22800.801
34.432	1.015	14.699						
11/20/2016 5:45:00 AM	373500.000	72.993	17.993	166.374	29050.857	33539.793	21.180	22807.061
34.422	1.015	14.700						
11/20/2016 5:50:00 AM	373800.000	72.998	17.993	166.386	29062.201	33552.707	21.189	22815.844
34.409	1.015	14.700						
11/20/2016 5:55:00 AM	374100.000	73.003	17.993	166.397	29060.426	33550.520	21.188	22814.354
34.411	1.015	14.700						
11/20/2016 6:00:00 AM	374400.000	73.002	17.993	166.395	29061.801	33552.301	21.189	22815.564
34.409	1.015	14.700						
11/20/2016 6:05:00 AM	374700.000	73.001	17.993	166.391	29081.129	33574.422	21.204	22830.607
34.387	1.015	14.702						
11/20/2016 6:10:00 AM	375000.000	72.998	17.993	166.385	29060.359	33550.512	21.188	22814.348
34.411	1.015	14.705						
11/20/2016 6:15:00 AM	375300.000	73.001	17.993	166.391	29060.932	33551.426	21.188	22814.973
34.410	1.015	14.707						
11/20/2016 6:20:00 AM	375600.000	72.980	17.993	166.345	29060.191	33550.059	21.188	22814.043
34.411	1.015	14.705						
11/20/2016 6:25:00 AM	375900.000	73.002	17.993	166.394	29087.830	33582.102	21.210	22835.830
34.379	1.015	14.703						
11/20/2016 6:30:00 AM	376200.000	72.980	17.993	166.345	29074.463	33566.992	21.199	22825.557
34.394	1.015	14.701						
11/20/2016 6:35:00 AM	376500.000	73.007	17.993	166.406	29062.957	33553.313	21.190	22816.254
34.408	1.015	14.703						
11/20/2016 6:40:00 AM	376800.000	73.008	17.993	166.408	29049.363	33537.883	21.179	22805.762
34.424	1.015	14.704						
11/20/2016 6:45:00 AM	377100.000	73.003	17.993	166.396	29085.859	33580.203	21.208	22834.539
34.381	1.015	14.705						
11/20/2016 6:50:00 AM	377400.000	72.999	17.993	166.387	29068.941	33560.223	21.195	22820.951
34.401	1.015	14.704						
11/20/2016 6:55:00 AM	377700.000	73.011	17.993	166.414	29048.445	33536.633	21.178	22804.910
34.425	1.015	14.703						
11/20/2016 7:00:00 AM	378000.000	73.006	17.993	166.404	29077.857	33570.836	21.202	22828.168
34.390	1.015	14.703						
11/20/2016 7:05:00 AM	378300.000	73.005	17.993	166.401	29070.518	33562.492	21.196	22822.494
34.399	1.015	14.705						
11/2								

11/20/2016 7:00:00 AM	379200.000	1.015	14.710	17.993	166.391	29068.430	33560.027	21.194	22820.820
34.402	1.015	14.710	17.993	166.402	29053.066	33542.023	21.182	22808.576	
11/20/2016 7:25:00 AM	379500.000	1.015	14.710	17.993	166.402	29087.551	33582.102	21.210	22835.830
34.420	1.015	14.710	17.993	166.363	29069.963	33561.852	21.196	22822.061	
11/20/2016 7:30:00 AM	379800.000	1.015	14.709	17.993	166.355	29052.199	33541.090	21.181	22807.943
34.379	1.015	14.706	17.993	166.416	29055.703	33545.258	21.184	22810.775	
11/20/2016 7:45:00 AM	380100.000	1.015	14.704	17.993	166.410	29064.813	33555.777	21.191	22817.930
34.417	1.015	14.704	17.993	166.410	29071.449	33563.191	21.197	22822.971	
11/20/2016 7:50:00 AM	381000.000	1.015	14.703	17.993	166.412	29053.182	33542.613	21.182	22808.977
34.406	1.015	14.703	17.993	166.407	29059.053	33548.879	21.187	22813.240	
11/20/2016 8:00:00 AM	381600.000	1.015	14.703	17.993	166.402	29062.207	33552.844	21.189	22815.936
34.398	1.015	14.705	17.993	166.400	29055.594	33544.887	21.184	22810.523	
11/20/2016 8:05:00 AM	381900.000	1.015	14.703	17.993	166.404	29069.197	33561.031	21.195	22821.502
34.413	1.015	14.703	17.993	166.397	29038.057	33525.016	21.170	22797.012	
11/20/2016 8:10:00 AM	382200.000	1.015	14.706	17.992	166.397	29054.445	33544.199	21.183	22810.059
34.409	1.015	14.708	17.993	166.399	29076.613	33569.344	21.201	22827.156	
11/20/2016 8:15:00 AM	382500.000	1.015	14.711	17.993	166.408	29069.490	33561.121	21.195	22821.564
34.417	1.015	14.710	17.993	166.411	29043.162	33530.727	21.174	22800.896	
11/20/2016 8:20:00 AM	382800.000	1.015	14.709	17.993	166.403	29046.205	33534.102	21.176	22803.189
34.401	1.015	14.707	17.993	166.406	29095.354	33590.652	21.216	22841.646	
11/20/2016 8:25:00 AM	383100.000	1.015	14.711	17.993	29066.293	33557.430	21.193	22819.053	
34.438	1.015	14.712	17.993	166.387	29076.248	33568.980	21.201	22826.908	
11/20/2016 8:30:00 AM	383400.000	1.015	14.713	17.993	29038.008	33524.637	21.170	22796.754	
34.418	1.015	14.711	17.993	166.403	29059.488	33549.383	21.187	22813.582	
11/20/2016 8:35:00 AM	383700.000	1.015	14.710	17.993	29067.775	33559.074	21.194	22820.172	
34.392	1.015	14.709	17.993	166.399	29063.586	33554.359	21.191	22816.965	
11/20/2016 8:40:00 AM	384000.000	1.015	14.707	17.993	29050.902	33539.719	21.180	22807.010	
34.400	1.015	14.706	17.992	166.362	29047.512	33536.125	21.178	22804.566	
11/20/2016 8:45:00 AM	384300.000	1.015	14.707	17.993	29074.408	33566.535	21.199	22825.244	
34.432	1.015	14.708	17.993	166.392	29055.246	33544.348	21.184	22810.158	
11/20/2016 8:50:00 AM	384600.000	1.015	14.709	17.993	29066.041	33557.070	21.192	22818.809	
34.428	1.015	14.709	17.993	166.359	29077.352	33570.199	21.202	22827.738	
11/20/2016 8:55:00 AM	384900.000	1.015	14.710	17.994	29065.357	33555.752	21.192	22817.918	
34.370	1.015	14.711	17.993	166.348	29074.170	33566.652	21.199	22825.324	
11/20/2016 9:00:00 AM	385200.000	1.015	14.708	17.993	29087.377	33581.508	21.209	22835.426	
34.404	1.015	14.708	17.993	166.362	29050.158	33538.801	21.180	22806.385	
11/20/2016 9:05:00 AM	385500.000	1.015	14.707	17.993	29074.445	33566.844	21.199	22825.455	
34.392	1.015	14.707	17.993	166.413	29065.096	33556.367	21.192	22818.330	
11/20/2016 9:10:00 AM	385800.000	1.015	14.704	17.993	29068.330	33559.910	21.194	22820.740	
34.438	1.015	14.704	17.993	166.408	29065.795	33556.785	21.192	22818.615	
11/20/2016 9:15:00 AM	386100.000	1.015	14.703	17.993	29079.076	33572.508	21.203	22829.305	
34.412	1.015	14.710	17.993	166.349	29072.461	33564.551	21.198	22823.896	
11/20/2016 9:20:00 AM	386400.000	1.015	14.703	17.993	29076.383	33569.012	21.201	22826.930	
34.402	1.015	14.707	17.993	166.390	29056.404	33545.750	21.185	22811.109	
11/20/2016 9:25:00 AM	386700.000	1.015	14.708	17.993	29070.043	33561.691	21.196	22821.953	
34.407	1.015	14.708	17.993	166.400	29081.420	33574.758	21.205	22830.838	
11/20/2016 9:30:00 AM	387000.000	1.015	14.709	17.993	29062.295	33553.137	21.190	22816.133	
34.422	1.015	14.708	17.993	166.407	29061.035	33551.543	21.189	22815.051	
11/20/2016 9:35:00 AM	387300.000	1.015	14.707	17.993	29050.316	33539.230	21.180	22806.680	
34.438	1.015	14.706	17.993	166.348	29055.338	33544.645	21.184	22810.359	
11/20/2016 9:40:00 AM	387600.000	1.015	14.705	17.993	29069.176	33560.367	21.195	22821.053	
34.395	1.015	14.704	17.993	166.414	29090.566	33585.387	21.212	22838.064	
11/20/2016 9:45:00 AM	387900.000	1.015	14.711	17.993	29048.070	33536.324	21.178	22804.703	
34.417	1.015	14.710	17.993	166.417	29055.146	33544.563	21.184	22810.305	
11/20/2016 9:50:00 AM	388200.000	1.015	14.698	17.993	29084.434	33578.305	21.207	22833.250	
34.404	1.015	14.696	17.993	166.425	29094.896	33590.508	21.216	22841.545	
11/20/2016 9:55:00 AM	388500.000	1.015	14.696	17.993	29072.146	33564.316	21.197	22823.738	
34.391	1.015	14.697	17.993	166.382	29079.969	33573.027	21.203	22829.658	
11/20/2016 10:00:00 AM	388800.000	1.015	14.698	17.994	29072.189	33563.781	21.197	22823.371	
34.405	1.015	14.699	17.993	166.419	29052.209	33541.492	21.182	22808.217	
11/20/2016 10:05:00 AM	389100.000	1.015	14.703	17.993	29055.910	33545.375	21.184	22810.855	
34.395	1.015	14.704	17.993	166.418	29059.076	33549.027	21.187	22813.340	
11/20/2016 10:10:00 AM	389400.000	1.015	14.703	17.993	29051.643	33540.762	21.181	22807.721	
34.398	1.015	14.696	17.993	166.428	29081.564	33574.871	21.205	22830.914	
11/20/2016 10:15:00 AM	389700.000	1.015	14.696	17.993	29065.234	33556.016	21.192	22818.092	
34.423	1.015	14.695	17.993	166.440	29059.068	33549.090	21.187	22813.381	
11/20/2016 10:20:00 AM	390000.000	1.015	14.696						
34.423	1.015	14.697							
11/20/2016 10:25:00 AM	390300.000	1.015	14.698						
34.406	1.015	14.699							
11/20/2016 10:30:00 AM	390600.000	1.015	14.700						
34.402	1.015	14.701							
11/20/2016 10:35:00 AM	390900.000	1.015	14.702						
34.405	1.015	14.703							
11/20/2016 10:40:00 AM	391200.000	1.015	14.704						
34.399	1.015	14.705							
11/20/2016 10:45:00 AM	391500.000	1.015	14.706						
34.397	1.015	14.707							
11/20/2016 10:50:00 AM	391800.000	1.015	14.708						
34.392	1.015	14.709							
11/20/2016 10:55:00 AM	392100.000	1.015	14.710						
34.416	1.015	14.711							
11/20/2016 11:00:00 AM	392400.000	1.015	14.712						
34.400	1.015	14.713							
11/20/2016 11:05:00 AM	392700.000	1.015	14.714						
34.386	1.015	14.715							
11/20/2016 11:10:00 AM	393000.000	1.015	14.716						
34.409	1.015	14.717							
11/20/2016 11:15:00 AM	393300.000	1.015	14.718						
34.410	1.015	14.719							
11/20/2016 11:20:00 AM	393600.000	1.015	14.720						
34.423	1.015	14.721							
11/20/2016 11:25:00 AM	393900.000	1.015	14.722						
34.417	1.015	14.723							
11/20/2016 11:30:00 AM	394200.000	1.015	14.724						
34.401	1.015	14.725							
11/20/2016 11:35:00 AM	394500.000	1.015	14.726						
34.375	1.015	14.727							
11/20/2016 11:40:00 AM	394800.000	1.015	14.728						
34.426	1.015	14.729							
11/20/2016 11:45:00 AM	395100.000	1.015	14.730						
34.417	1.015	14.731							
11/20/2016 11:50:00 AM	395400.000	1.015	14.732						
34.383	1.015	14.733							
11/20/2016 11:55:00 AM	395700.000	1.015	14.734						
34.370	1.015	14.735							
11/20/2016 12:00:00 PM	396000.000	1.015	14.736						
34.397	1.015	14.737							
11/20/2016 12:05:00 PM	396300.000	1.015	14.738						
34.388	1.015	14.739							
11/20/2016 12:10:00 PM	396600.000	1.015	14.740						
34.397	1.015	14.741							
11/20/2016 12:15:00 PM	396900.000	1.015	14.742						
34.421	1.015	14.743							
11/20/2016 12:20:00 PM	397200.000	1.015	14.744						
34.416	1.015	14.745							
11/20/2016 12:25:00 PM	397500.000	1.015	14.746						
34.413	1.015	14.747							
11/20/2016 12:30:00 PM	397800.000	1.015	14.748						
34.421	1.015	14.749							
11/20/2016 12:35:00 PM	398100.000	1.015	14.750						
34.386	1.015	14.751							
11/20/2016 12:40:00 PM	398400.000	1.015							

11/20/2016 12:50:00 PM	399000.000	73.021	17.993	166.438	29082.555	33576.336	21.206	22831.910
34.385	1.015	14.693						
11/20/2016 12:55:00 PM	399300.000	73.024	17.993	166.443	29056.510	33546.191	21.185	22811.410
34.416	1.015	14.692						
11/20/2016 1:00:00 PM	399600.000	73.004	17.993	166.399	29057.834	33547.594	21.186	22812.365
34.414	1.015	14.691						
11/20/2016 1:05:00 PM	399900.000	73.026	17.993	166.449	29075.893	33568.320	21.200	22826.459
34.393	1.015	14.693						
11/20/2016 1:10:00 PM	400200.000	73.025	17.993	166.447	29081.117	33574.477	21.204	22830.646
34.387	1.015	14.695						
11/20/2016 1:15:00 PM	400500.000	73.021	17.993	166.438	29065.936	33556.949	21.192	22818.727
34.405	1.015	14.697						
11/20/2016 1:20:00 PM	400800.000	73.030	17.993	166.458	29073.658	33565.742	21.198	22824.707
34.395	1.015	14.693						
11/20/2016 1:25:00 PM	401100.000	73.030	17.993	166.457	29073.352	33565.637	21.198	22824.635
34.396	1.015	14.689						
11/20/2016 1:30:00 PM	401400.000	73.034	17.993	166.467	29068.791	33560.371	21.195	22821.055
34.401	1.015	14.685						
11/20/2016 1:35:00 PM	401700.000	73.040	17.993	166.480	29073.719	33566.188	21.199	22825.008
34.395	1.015	14.684						
11/20/2016 1:40:00 PM	402000.000	73.041	17.993	166.483	29071.900	33563.637	21.197	22823.275
34.397	1.015	14.684						
11/20/2016 1:45:00 PM	402300.000	73.040	17.994	166.482	29079.609	33572.219	21.203	22829.111
34.389	1.015	14.684						
11/20/2016 1:50:00 PM	402600.000	73.045	17.993	166.491	29062.178	33552.809	21.189	22815.910
34.409	1.015	14.682						
11/20/2016 1:55:00 PM	402900.000	73.043	17.993	166.488	29081.225	33574.402	21.204	22830.596
34.386	1.015	14.681						
11/20/2016 2:00:00 PM	403200.000	73.042	17.993	166.486	29079.387	33572.410	21.203	22829.238
34.389	1.015	14.680						
11/20/2016 2:05:00 PM	403500.000	73.047	17.993	166.498	29066.779	33558.176	21.193	22819.561
34.404	1.015	14.679						
11/20/2016 2:10:00 PM	403800.000	73.050	17.993	166.503	29071.598	33563.484	21.197	22823.172
34.398	1.015	14.677						
11/20/2016 2:15:00 PM	404100.000	73.054	17.994	166.513	29079.270	33571.824	21.203	22828.840
34.389	1.015	14.676						
11/20/2016 2:20:00 PM	404400.000	73.050	17.993	166.503	29098.133	33593.926	21.218	22843.871
34.366	1.015	14.677						
11/20/2016 2:25:00 PM	404700.000	73.054	17.994	166.512	29055.322	33544.250	21.183	22810.092
34.417	1.015	14.678						
11/20/2016 2:30:00 PM	405000.000	73.052	17.993	166.507	29062.986	33553.613	21.190	22816.457
34.408	1.015	14.680						
11/20/2016 2:35:00 PM	405300.000	73.049	17.993	166.502	29065.359	33556.598	21.192	22818.486
34.405	1.015	14.679						
11/20/2016 2:40:00 PM	405600.000	73.052	17.993	166.508	29059.621	33549.914	21.187	22813.941
34.412	1.015	14.679						
11/20/2016 2:45:00 PM	405900.000	73.036	17.993	166.471	29055.939	33545.406	21.184	22810.879
34.416	1.015	14.679						
11/20/2016 2:50:00 PM	406200.000	73.056	17.993	166.517	29066.076	33556.852	21.192	22818.660
34.404	1.015	14.677						
11/20/2016 2:55:00 PM	406500.000	73.060	17.993	166.527	29052.363	33541.668	21.182	22808.334
34.421	1.015	14.675						
11/20/2016 3:00:00 PM	406800.000	73.070	17.993	166.549	29095.715	33591.527	21.216	22842.240
34.369	1.015	14.674						
11/20/2016 3:05:00 PM	407100.000	73.058	17.993	166.523	29078.221	33571.066	21.202	22828.328
34.390	1.015	14.677						
11/20/2016 3:10:00 PM	407400.000	73.060	17.993	166.527	29075.656	33568.563	21.200	22826.623
34.393	1.015	14.680						
11/20/2016 3:15:00 PM	407700.000	73.064	17.993	166.536	29060.156	33550.211	21.188	22814.146
34.411	1.015	14.683						
11/20/2016 3:20:00 PM	408000.000	73.064	17.993	166.535	29059.943	33549.773	21.187	22813.846
34.412	1.015	14.682						
11/20/2016 3:25:00 PM	408300.000	73.060	17.993	166.527	29074.141	33566.547	21.199	22825.252
34.395	1.015	14.682						
11/20/2016 3:30:00 PM	408600.000	73.067	17.993	166.541	29076.752	33569.313	21.201	22827.133
34.392	1.015	14.681						
11/20/2016 3:35:00 PM	408900.000	73.066	17.993	166.540	29071.141	33562.957	21.196	22822.811
34.398	1.015	14.682						
11/20/2016 3:40:00 PM	409200.000	73.066	17.993	166.539	29059.471	33549.418	21.187	22813.604
34.412	1.015	14.682						
11/20/2016 3:45:00 PM	409500.000	73.065	17.993	166.538	29073.764	33565.789	21.198	22824.738
34.395	1.015	14.682						
11/20/2016 3:50:00 PM	409800.000	73.066	17.994	166.540	29075.926	33568.094	21.200	22826.305
34.393	1.015	14.682						
11/20/2016 3:55:00 PM	410100.000	73.065	17.993	166.537	29061.629	33552.230	21.189	22815.520
34.410	1.015	14.681						
11/20/2016 4:00:00 PM	410400.000	73.065	17.993	166.538	29071.518	33563.270	21.197	22823.025
34.398	1.015	14.681						
11/20/2016 4:05:00 PM	410700.000	73.068	17.993	166.545	29081.766	33575.348	21.205	22831.238
34.386	1.015	14.681						
11/20/2016 4:10:00 PM	411000.000	73.068	17.993	166.546	29083.361	33576.871	21.206	22832.275
34.384	1.015	14.680						
11/20/2016 4:15:00 PM	411300.000	73.065	17.993	166.538	29082.125	33575.441	21.205	22831.303
34.385	1.015	14.680						
11/20/2016 4:20:00 PM	411600.000	73.068	17.993	166.545	29069.146	33560.461	21.195	22821.113
34.401	1.015	14.681						
11/20/2016 4:25:00 PM	411900.000	73.064	17.993	166.537	29067.238	33558.258	21.193	22819.617
34.403	1.015	14.682						
11/20/2016 4:30:00 PM	412200.000	73.068	17.993	166.544	29062.604	33552.844	21.189	22815.936
34.408	1.015	14.682						
11/20/2016 4:35:00 PM	412500.000	73.067	17.993	166.543	29084.043	33577.594	21.207	22832.766
34.383	1.015	14.680						
11/20/2016 4:40:00 PM	412800.000	73.061	17.993	166.507	29069.590	33561.238	21.195	22821.645
34.400	1.015	14.677						
11/20/2016 4:45:00 PM	413100.000	73.071	17.993	166.550	29070.303	33561.867	21.196	22822.070
34.399	1.015	14.674						
11/20/2016 4:50:00 PM	413400.000	73.070	17.993	166.550	29050.652	33539.305	21.180	22806.729
34.423	1.015	14.675						
11/20/2016 4:55:00 PM	413700.000	73.066	17.993	166.540	29064.076	33554.871	21.191	22817.314
34.407	1.015	14.676						
11/20/2016 5:00:00 PM	414000.000	73.071	17.993	166.552	29079.713	33593.375	21.218	22843.496
34.387	1.015	14.677						
11/20/2016 5:05:00 PM	414300.000	73.065	17.993	166.537	29060.365	33550.641	21.188	22814.436
34.411	1.015	14.677						
11/20/2016 5:10:00 PM	414600.000	73.070	17.993	166.548	29058.287	33547.996	21.186	22812.637
34.414	1.015	14.678						
11/20/2016 5:15:00 PM	414900.000	73.070	17.993	166.550	29078.057	33571.012	21.202	22828.291
34.390	1.015	14.678						
11/20/2016 5:20:00 PM	415200.000	73.065	17.993	166.538	29064.773	33555.539	21.191	22817.768
34.406	1.015	14.679						
11/20/2016 5:25:00 PM	415500.000	73.065	17.993	166.539	29052.570	33541.395	21.181	22808.148
34.420	1.015	14.679						
11/20/2016 5:30:00 PM	415800.000	73.063	17.993	166.532	29077.533	33570.141	21.201	22827.695
34.391	1.015	14.680						
11/20/2016 5:35:00 PM	416100.000	73.061	17.993	166.528	29067.285	33558.898	21.194	22820.051
34.403	1.015	14.681						
11/20/2016 5:40:00 PM	416400.000	73.061	17.993	166.529	29057.322	33546.883	21.185	22811.883
34.415	1.015	14.683						
11/20/2016 5:45:00 PM	416700.000	73.061	17.993	166.529	29059.215	33549.313	21.187	22813.533
34.412	1.015	14.684						
11/20/2016 5:50:00 PM	417000.000	73.059	17.993	166.524	29059.818	33549.629	21.187	22813.750
34.412	1.015	14.684						
11/20/2016 5:55:00 PM	417300.000	73.060	17.993	166.525	29069.707	33561.180	21.195	22821.602
34.400	1.015	14.685						
11/20/2016 6:00:00 PM	417600.000	73.036	17.993	166.473	29083.566	33577.238	21.206	22832.523
34.384	1.015	14.685						
11/20/2016 6:05:00 PM	417900.000	73.055	17.993	166.516	29066.781	33557.859	21.193	22819.346
34.404	1.015	14.686						
11/20/2016 6:10:00 PM	418200.000	73.053	17.993	166.510	29083.166	33577.156	21.206	22832.469
34.384	1.015	14.688						
11								

34.415	1.015	14.688					
11/20/2016 6:25:00 PM	419100.000	73.049	17.993	166.501	29084.775	33578.770	21.207
34.382	1.015	14.686					22833.564
11/20/2016 6:30:00 PM	419400.000	73.047	17.993	166.497	29069.646	33561.234	21.195
34.400	1.015	14.684					22821.641
11/20/2016 6:35:00 PM	419700.000	73.042	17.994	166.486	29073.016	33564.734	21.198
34.396	1.015	14.685					22824.020
11/20/2016 6:40:00 PM	420000.000	73.045	17.993	166.492	29055.139	33544.484	21.184
34.417	1.015	14.685					22810.252
11/20/2016 6:45:00 PM	420300.000	73.038	17.993	166.476	29063.029	33553.273	21.190
34.408	1.015	14.685					22816.227
11/20/2016 6:50:00 PM	420600.000	73.038	17.993	166.475	29054.916	33544.031	21.183
34.418	1.015	14.687					22809.941
11/20/2016 6:55:00 PM	420900.000	73.036	17.993	166.472	29065.279	33556.445	21.192
34.405	1.015	14.688					22818.385
11/20/2016 7:00:00 PM	421200.000	73.032	17.993	166.462	29074.061	33566.262	21.199
34.395	1.015	14.689					22825.061
11/20/2016 7:05:00 PM	421500.000	73.030	17.993	166.457	29054.129	33543.195	21.183
34.419	1.015	14.689					22809.373
11/20/2016 7:10:00 PM	421800.000	73.033	17.993	166.464	29067.637	33558.789	21.194
34.403	1.015	14.689					22819.977
11/20/2016 7:15:00 PM	422100.000	73.027	17.993	166.450	29068.779	33560.430	21.195
34.401	1.015	14.689					22821.092
11/20/2016 7:20:00 PM	422400.000	73.029	17.993	166.455	29071.490	33563.164	21.197
34.398	1.015	14.688					22822.953
11/20/2016 7:25:00 PM	422700.000	73.028	17.993	166.453	29073.164	33565.363	21.198
34.396	1.015	14.687					22824.447
11/20/2016 7:30:00 PM	423000.000	73.023	17.993	166.442	29074.857	33567.449	21.200
34.394	1.015	14.686					22825.867
11/20/2016 7:35:00 PM	423300.000	73.021	17.993	166.438	29073.990	33566.316	21.199
34.395	1.015	14.685					22825.096
11/20/2016 7:40:00 PM	423600.000	73.023	17.993	166.443	29058.025	33547.887	21.186
34.414	1.015	14.684					22812.563
11/20/2016 7:45:00 PM	423900.000	73.023	17.993	166.442	29074.422	33566.871	21.199
34.394	1.015	14.683					22825.475
11/20/2016 7:50:00 PM	424200.000	73.013	17.993	166.420	29046.361	33534.547	21.177
34.429	1.015	14.687					22803.494
11/20/2016 7:55:00 PM	424500.000	72.989	17.993	166.364	29095.076	33590.523	21.216
34.370	1.015	14.691					22841.559
11/20/2016 8:00:00 PM	424800.000	73.005	17.993	166.402	29068.285	33559.539	21.194
34.402	1.015	14.695					22820.488
11/20/2016 8:05:00 PM	425100.000	73.005	17.993	166.400	29041.768	33529.172	21.173
34.433	1.015	14.694					22799.840
11/20/2016 8:10:00 PM	425400.000	73.006	17.993	166.403	29054.016	33542.930	21.183
34.419	1.015	14.692					22809.195
11/20/2016 8:15:00 PM	425700.000	73.003	17.993	166.396	29061.830	33551.949	21.189
34.409	1.015	14.691					22815.326
11/20/2016 8:20:00 PM	426000.000	72.997	17.992	166.384	29073.209	33565.793	21.198
34.396	1.015	14.691					22824.742
11/20/2016 8:25:00 PM	426300.000	72.994	17.993	166.376	29055.730	33545.234	21.184
34.417	1.015	14.691					22810.760
11/20/2016 8:30:00 PM	426600.000	72.995	17.994	166.377	29063.006	33553.180	21.190
34.408	1.015	14.691					22816.164
11/20/2016 8:35:00 PM	426900.000	72.995	17.993	166.379	29058.506	33548.496	21.186
34.413	1.015	14.692					22812.979
11/20/2016 8:40:00 PM	427200.000	72.986	17.993	166.358	29049.369	33537.699	21.179
34.424	1.015	14.693					22805.635
11/20/2016 8:45:00 PM	427500.000	72.991	17.993	166.368	29076.926	33569.762	21.201
34.392	1.015	14.693					22827.438
11/20/2016 8:50:00 PM	427800.000	72.985	17.993	166.356	29041.795	33528.820	21.173
34.433	1.015	14.694					22799.600
11/20/2016 8:55:00 PM	428100.000	72.987	17.993	166.360	29070.311	33562.070	21.196
34.399	1.015	14.694					22822.211
11/20/2016 9:00:00 PM	428400.000	72.976	17.993	166.335	29083.447	33577.363	21.206
34.384	1.015	14.694					22832.609
11/20/2016 9:05:00 PM	428700.000	72.977	17.993	166.337	29059.119	33549.012	21.187
34.413	1.015	14.694					22813.330
11/20/2016 9:10:00 PM	429000.000	72.969	17.993	166.318	29072.131	33563.844	21.197
34.397	1.015	14.694					22823.416
11/20/2016 9:15:00 PM	429300.000	72.973	17.993	166.327	29073.863	33566.172	21.199
34.395	1.015	14.693					22824.998
11/20/2016 9:20:00 PM	429600.000	72.971	17.993	166.324	29063.285	33553.887	21.190
34.408	1.015	14.691					22816.643
11/20/2016 9:25:00 PM	429900.000	72.973	17.993	166.329	29061.688	33552.043	21.189
34.410	1.015	14.689					22815.389
11/20/2016 9:30:00 PM	430200.000	72.970	17.993	166.322	29044.951	33532.848	21.176
34.429	1.015	14.687					22802.338
11/20/2016 9:35:00 PM	430500.000	72.962	17.993	166.302	29069.139	33560.770	21.195
34.401	1.015	14.689					22821.326
11/20/2016 9:40:00 PM	430800.000	72.961	17.993	166.300	29069.398	33560.750	21.195
34.400	1.015	14.691					22821.313
11/20/2016 9:45:00 PM	431100.000	72.958	17.993	166.294	29079.912	33572.824	21.203
34.388	1.015	14.693					22829.523
11/20/2016 9:50:00 PM	431400.000	72.955	17.993	166.287	29078.021	33570.973	21.202
34.390	1.015	14.693					22828.262
11/20/2016 9:55:00 PM	431700.000	72.952	17.993	166.280	29071.361	33563.336	21.197
34.398	1.015	14.692					22823.068
11/20/2016 10:00:00 PM	432000.000	72.954	17.993	166.285	29062.578	33553.387	21.190
34.409	1.015	14.691					22816.303
11/20/2016 10:05:00 PM	432300.000	72.955	17.993	166.288	29077.668	33570.617	21.202
34.381	1.015	14.693					22828.020
11/20/2016 10:10:00 PM	432600.000	72.946	17.993	166.266	29067.283	33558.758	21.194
34.403	1.015	14.694					22819.955
11/20/2016 10:15:00 PM	432900.000	72.944	17.993	166.263	29064.189	33554.809	21.191
34.407	1.015	14.696					22817.270
11/20/2016 10:20:00 PM	433200.000	72.944	17.993	166.262	29085.955	33579.863	21.208
34.381	1.015	14.696					22834.309
11/20/2016 10:25:00 PM	433500.000	72.941	17.993	166.256	29051.578	33540.496	21.181
34.422	1.015	14.696					22807.539
11/20/2016 10:30:00 PM	433800.000	72.942	17.993	166.258	29060.514	33551.078	21.188
34.411	1.015	14.696					22814.734
11/20/2016 10:35:00 PM	434100.000	72.917	17.993	166.200	29058.980	33548.723	21.187
34.413	1.015	14.696					22813.131
11/20/2016 10:40:00 PM	434400.000	72.919	17.993	166.205	29083.037	33576.570	21.206
34.384	1.015	14.696					22832.070
11/20/2016 10:45:00 PM	434700.000	72.940	17.993	166.253	29041.215	33528.086	21.172
34.434	1.015	14.696					22799.102
11/20/2016 10:50:00 PM	435000.000	72.914	17.993	166.193	29069.777	33561.453	21.195
34.400	1.015	14.699					22821.791
11/20/2016 10:55:00 PM	435300.000	72.935	17.993	166.242	29073.457	33565.313	21.198
34.396	1.015	14.701					22824.414
11/20/2016 11:00:00 PM	435600.000	72.933	17.993	166.237	29062.047	33552.773	21.189
34.409	1.015	14.703					22815.887
11/20/2016 11:05:00 PM	435900.000	72.926	17.993	166.220	29078.463	33571.480	21.202
34.390	1.015	14.704					22828.607
11/20/2016 11:10:00 PM	436200.000	72.927	17.993	166.222	29068.336	33559.789	21.194
34.402	1.015	14.706					22820.658
11/20/2016 11:15:00 PM	436500.000	72.926	17.993	166.222	29061.430	33551.680	21.189
34.410	1.015	14.708					22815.145
11/20/2016 11:20:00 PM	436800.000	72.907	17.993	166.177	29073.852	33566.402	21.199
34.395	1.015	14.707					22825.154
11/20/2016 11:25:00 PM	437100.000	72.923	17.993	166.214	29055.430	33544.695	21.184
34.417	1.015	14.706					22810.395
11/20/2016 11:30:00 PM	437400.000	72.927	17.993	166.224	29076.359	33568.859	21.201
34.392	1.015	14.705					22826.826
11/20/2016 11:35:00 PM	437700.000	72.927	17.993	166.222	29064.895	33555.680	21.191
34.406	1.015	14.704					22817.863
11/20/2016 11:40:00 PM	438000.000	72.930	17.993	166.230	29034.287	33520.152	21.167
34.442	1.015	14.703					22793.705
11/20/2016 11:45:00 PM	438300.000	72.926	17.992	166.220	29072.865	33565.398	21.198
34.396	1.015	14.701					22824.473
11/20/2016 11:50:00 PM	438600.000	72.926	17.993	166.221	29084.729	33578.844	21.208
34.382	1.015	14.701					22833.615

11/20/2016 11:55:00 PM	438900.000	72.921	17.993	166.210	29066.748	33557.766	21.193	22819.283
34.404	1.015	14.701						
11/21/2016 12:00:00 AM	439200.000	72.925	17.994	166.219	29074.850	33566.852	21.199	22825.461
34.394	1.015	14.701						
11/21/2016 12:05:00 AM	439500.000	72.923	17.993	166.213	29073.787	33566.137	21.199	22824.975
34.395	1.015	14.701						
11/21/2016 12:10:00 AM	439800.000	72.924	17.993	166.216	29058.918	33548.648	21.187	22813.084
34.413	1.015	14.701						
11/21/2016 12:15:00 AM	440100.000	72.923	17.993	166.213	29058.807	33548.523	21.186	22812.998
34.413	1.015	14.701						
11/21/2016 12:20:00 AM	440400.000	72.929	17.993	166.228	29057.152	33546.879	21.185	22811.879
34.415	1.015	14.703						
11/21/2016 12:25:00 AM	440700.000	72.922	17.993	166.211	29064.381	33555.152	21.191	22817.504
34.406	1.015	14.705						
11/21/2016 12:30:00 AM	441000.000	72.925	17.993	166.218	29057.234	33546.902	21.185	22811.895
34.415	1.015	14.707						
11/21/2016 12:35:00 AM	441300.000	72.924	17.993	166.216	29054.514	33543.762	21.183	22809.760
34.418	1.015	14.706						
11/21/2016 12:40:00 AM	441600.000	72.929	17.993	166.227	29064.475	33555.141	21.191	22817.498
34.406	1.015	14.705						
11/21/2016 12:45:00 AM	441900.000	72.911	17.993	166.187	29041.770	33529.047	21.173	22799.754
34.433	1.015	14.704						
11/21/2016 12:50:00 AM	442200.000	72.933	17.993	166.238	29072.506	33564.660	21.198	22823.969
34.397	1.015	14.702						
11/21/2016 12:55:00 AM	442500.000	72.937	17.993	166.245	29058.824	33548.938	21.187	22813.277
34.413	1.015	14.701						
11/21/2016 1:00:00 AM	442800.000	72.937	17.993	166.245	29053.684	33542.871	21.183	22809.152
34.419	1.015	14.699						
11/21/2016 1:05:00 AM	443100.000	72.934	17.993	166.238	29087.643	33582.078	21.210	22835.814
34.379	1.015	14.702						
11/21/2016 1:10:00 AM	443400.000	72.936	17.993	166.244	29069.563	33549.980	21.187	22813.988
34.412	1.015	14.704						
11/21/2016 1:15:00 AM	443700.000	72.914	17.993	166.194	29078.119	33571.141	21.202	22828.377
34.390	1.015	14.707						
11/21/2016 1:20:00 AM	444000.000	72.932	17.993	166.234	29069.535	33560.906	21.195	22821.416
34.400	1.015	14.708						
11/21/2016 1:25:00 AM	444300.000	72.931	17.993	166.232	29074.346	33566.910	21.199	22825.500
34.395	1.015	14.710						
11/21/2016 1:30:00 AM	444600.000	72.930	17.993	166.231	29071.898	33564.031	21.197	22823.541
34.397	1.015	14.711						
11/21/2016 1:35:00 AM	444900.000	72.936	17.993	166.244	29080.813	33574.191	21.204	22830.451
34.387	1.015	14.710						
11/21/2016 1:40:00 AM	445200.000	72.940	17.993	166.252	29060.291	33550.172	21.188	22814.117
34.411	1.015	14.708						
11/21/2016 1:45:00 AM	445500.000	72.943	17.993	166.259	29068.168	33559.402	21.194	22820.396
34.402	1.015	14.706						
11/21/2016 1:50:00 AM	445800.000	72.945	17.993	166.264	29060.932	33550.914	21.188	22814.623
34.410	1.015	14.708						
11/21/2016 1:55:00 AM	446100.000	72.941	17.993	166.254	29077.027	33569.633	21.201	22827.352
34.391	1.015	14.709						
11/21/2016 2:00:00 AM	446400.000	72.940	17.993	166.253	29070.754	33562.191	21.196	22822.293
34.389	1.015	14.711						
11/21/2016 2:05:00 AM	446700.000	72.948	17.993	166.271	29055.908	33545.250	21.184	22810.770
34.416	1.015	14.709						
11/21/2016 2:10:00 AM	447000.000	72.950	17.993	166.276	29061.430	33551.680	21.189	22815.145
34.410	1.015	14.708						
11/21/2016 2:15:00 AM	447300.000	72.955	17.993	166.287	29068.984	33560.348	21.195	22821.037
34.401	1.015	14.706						
11/21/2016 2:20:00 AM	447600.000	72.957	17.993	166.292	29072.109	33564.145	21.197	22823.619
34.397	1.015	14.708						
11/21/2016 2:25:00 AM	447900.000	72.953	17.993	166.282	29048.508	33536.953	21.178	22805.131
34.425	1.015	14.709						
11/21/2016 2:30:00 AM	448200.000	72.957	17.993	166.291	29060.832	33550.859	21.188	22814.584
34.411	1.015	14.711						
11/21/2016 2:35:00 AM	448500.000	72.960	17.993	166.299	29063.346	33554.082	21.190	22816.775
34.408	1.015	14.711						
11/21/2016 2:40:00 AM	448800.000	72.961	17.993	166.301	29069.396	33560.879	21.195	22821.400
34.400	1.015	14.711						
11/21/2016 2:45:00 AM	449100.000	72.947	17.993	166.269	29055.939	33545.406	21.184	22810.879
34.416	1.015	14.711						
11/21/2016 2:50:00 AM	449400.000	72.964	17.993	166.308	29067.621	33558.699	21.194	22819.918
34.403	1.015	14.715						
11/21/2016 2:55:00 AM	449700.000	72.959	17.993	166.296	29062.654	33553.285	21.190	22816.234
34.408	1.015	14.718						
11/21/2016 3:00:00 AM	450000.000	72.937	17.993	166.247	29077.203	33569.699	21.201	22827.398
34.391	1.015	14.722						
11/21/2016 3:05:00 AM	450300.000	72.968	17.993	166.316	29065.986	33556.688	21.192	22818.549
34.404	1.015	14.718						
11/21/2016 3:10:00 AM	450600.000	72.973	17.993	166.328	29074.164	33566.516	21.199	22825.232
34.395	1.015	14.714						
11/21/2016 3:15:00 AM	450900.000	72.978	17.993	166.338	29077.742	33570.777	21.202	22828.131
34.391	1.015	14.710						
11/21/2016 3:20:00 AM	451200.000	72.977	17.993	166.338	29057.641	33547.625	21.186	22812.385
34.414	1.015	14.711						
11/21/2016 3:25:00 AM	451500.000	72.979	17.993	166.342	29068.904	33560.445	21.195	22821.104
34.401	1.015	14.712						
11/21/2016 3:30:00 AM	451800.000	72.985	17.993	166.356	29046.301	33534.156	21.176	22803.229
34.428	1.015	14.713						
11/21/2016 3:35:00 AM	452100.000	72.989	17.993	166.364	29057.031	33546.602	21.185	22811.691
34.415	1.015	14.712						
11/21/2016 3:40:00 AM	452400.000	72.993	17.993	166.373	29078.709	33571.949	21.203	22828.926
34.389	1.015	14.711						
11/21/2016 3:45:00 AM	452700.000	72.994	17.993	166.376	29068.869	33560.016	21.194	22820.813
34.401	1.015	14.711						
11/21/2016 3:50:00 AM	453000.000	72.997	17.993	166.382	29072.705	33564.832	21.198	22824.088
34.397	1.015	14.711						
11/21/2016 3:55:00 AM	453300.000	72.999	17.993	166.388	29062.748	33553.395	21.190	22816.309
34.408	1.015	14.712						
11/21/2016 4:00:00 AM	453600.000	73.000	17.993	166.388	29056.277	33545.867	21.185	22811.189
34.416	1.015	14.712						
11/21/2016 4:05:00 AM	453900.000	73.000	17.993	166.389	29067.900	33559.285	21.194	22820.316
34.402	1.015	14.715						
11/21/2016 4:10:00 AM	454200.000	72.997	17.994	166.383	29069.506	33560.625	21.195	22821.227
34.400	1.015	14.718						
11/21/2016 4:15:00 AM	454500.000	72.998	17.993	166.385	29060.148	33550.145	21.188	22814.098
34.411	1.015	14.721						
11/21/2016 4:20:00 AM	454800.000	73.003	17.993	166.397	29070.490	33562.277	21.196	22822.352
34.399	1.015	14.720						
11/21/2016 4:25:00 AM	455100.000	73.008	17.993	166.407	29070.191	33561.930	21.196	22822.115
34.399	1.015	14.719						
11/21/2016 4:30:00 AM	455400.000	73.011	17.993	166.416	29065.715	33556.625	21.192	22818.506
34.405	1.015	14.718						
11/21/2016 4:35:00 AM	455700.000	73.016	17.993	166.425	29053.748	33542.680	21.182	22809.023
34.419	1.015	14.718						
11/21/2016 4:40:00 AM	456000.000	73.016	17.993	166.425	29086.787	33580.699	21.209	22834.877
34.380	1.015	14.718						
11/21/2016 4:45:00 AM	456300.000	73.018	17.993	166.430	29070.508	33562.297	21.196	22822.363
34.399	1.015	14.718						
11/21/2016 4:50:00 AM	456600.000	73.020	17.993	166.436	29054.084	33543.070	21.183	22809.287
34.419	1.015	14.717						
11/21/2016 4:55:00 AM	456900.000	73.031	17.993	166.460	29080.750	33573.930	21.204	22830.273
34.387	1.015	14.717						
11/21/2016 5:00:00 AM	457200.000	73.026	17.993	166.449	29096.402	33592.320	21.217	22842.779
34.369	1.015	14.716						
11/21/2016 5:05:00 AM	457500.000	73.010	17.993	166.412	29063.480	33553.793	21.190	22816.582
34.407	1.015	14.719						
11/21/2016 5:10:00 AM	457800.000	73.027	17.993	166.450	29068.105	33548.164	21.186	22812.754
34.414	1.015	14.722						
11/21/2016 5:15:00 AM	458100.000	73.024	17.993	166.444	29066.244	33556.984	21.192	22818.750
34.404	1.015	14.725						

34.387	1.015	14.724							
11/21/2016 5:30:00 AM	459000.000	73.038	17.993	166.477	29051.869	33540.586	21.181	22807.600	
34.421	1.015	14.724							
11/21/2016 5:35:00 AM	459300.000	73.039	17.993	166.478	29084.486	33578.488	21.207	22833.375	
34.383	1.015	14.723							
11/21/2016 5:40:00 AM	459600.000	73.037	17.993	166.475	29078.811	33571.938	21.203	22828.918	
34.389	1.015	14.722							
11/21/2016 5:45:00 AM	459900.000	73.045	17.993	166.491	29070.053	33561.578	21.196	22821.875	
34.400	1.015	14.722							
11/21/2016 5:50:00 AM	460200.000	73.045	17.993	166.491	29056.762	33546.098	21.185	22811.346	
34.415	1.015	14.725							
11/21/2016 5:55:00 AM	460500.000	73.048	17.993	166.498	29077.350	33569.930	21.201	22827.555	
34.391	1.015	14.728							
11/21/2016 6:00:00 AM	460800.000	73.042	17.993	166.486	29086.324	33580.422	21.209	22834.688	
34.380	1.015	14.731							
11/21/2016 6:05:00 AM	461100.000	73.045	17.993	166.491	29051.881	33540.723	21.181	22807.691	
34.421	1.015	14.730							
11/21/2016 6:10:00 AM	461400.000	73.051	17.993	166.505	29072.051	33564.078	21.197	22823.576	
34.397	1.015	14.730							
11/21/2016 6:15:00 AM	461700.000	73.047	17.993	166.497	29077.455	33570.051	21.201	22827.637	
34.391	1.015	14.730							
11/21/2016 6:20:00 AM	462000.000	73.055	17.993	166.515	29072.252	33564.172	21.197	22823.637	
34.397	1.015	14.731							
11/21/2016 6:25:00 AM	462300.000	73.046	17.993	166.495	29075.760	33568.414	21.200	22826.523	
34.383	1.015	14.732							
11/21/2016 6:30:00 AM	462600.000	73.049	17.993	166.501	29074.316	33566.695	21.199	22825.355	
34.395	1.015	14.733							
11/21/2016 6:35:00 AM	462900.000	73.028	17.993	166.454	29066.297	33557.297	21.193	22818.965	
34.404	1.015	14.734							
11/21/2016 6:40:00 AM	463200.000	73.049	17.993	166.502	29085.578	33579.367	21.208	22833.971	
34.381	1.015	14.736							
11/21/2016 6:45:00 AM	463500.000	73.050	17.993	166.504	29087.871	33582.473	21.210	22836.082	
34.379	1.015	14.738							
11/21/2016 6:50:00 AM	463800.000	73.047	17.993	166.497	29062.531	33553.020	21.190	22816.053	
34.409	1.015	14.739							
11/21/2016 6:55:00 AM	464100.000	73.049	17.993	166.502	29071.102	33563.109	21.197	22822.916	
34.389	1.015	14.741							
11/21/2016 7:00:00 AM	464400.000	73.047	17.993	166.497	29069.955	33561.789	21.196	22822.020	
34.400	1.015	14.742							
11/21/2016 7:05:00 AM	464700.000	73.051	17.993	166.505	29083.473	33577.195	21.206	22832.492	
34.384	1.015	14.744							
11/21/2016 7:10:00 AM	465000.000	73.047	17.994	166.496	29086.332	33580.109	21.208	22834.477	
34.380	1.015	14.745							
11/21/2016 7:15:00 AM	465300.000	73.046	17.993	166.493	29063.580	33554.230	21.190	22816.877	
34.407	1.015	14.746							
11/21/2016 7:20:00 AM	465600.000	73.050	17.993	166.504	29067.395	33558.566	21.193	22819.828	
34.403	1.015	14.746							
11/21/2016 7:25:00 AM	465900.000	73.050	17.993	166.504	29064.236	33555.305	21.191	22817.607	
34.407	1.015	14.746							
11/21/2016 7:30:00 AM	466200.000	73.050	17.993	166.504	29072.445	33564.340	21.197	22823.754	
34.397	1.015	14.746							
11/21/2016 7:35:00 AM	466500.000	73.053	17.993	166.511	29061.656	33552.262	21.189	22815.541	
34.410	1.015	14.746							
11/21/2016 7:40:00 AM	466800.000	73.053	17.992	166.510	29048.645	33537.434	21.179	22805.457	
34.425	1.015	14.745							
11/21/2016 7:45:00 AM	467100.000	73.054	17.993	166.512	29052.871	33541.668	21.182	22808.334	
34.420	1.015	14.745							
11/21/2016 7:50:00 AM	467400.000	73.049	17.993	166.502	29050.021	33538.379	21.179	22806.100	
34.423	1.015	14.747							
11/21/2016 7:55:00 AM	467700.000	73.049	17.993	166.501	29057.299	33546.910	21.185	22811.898	
34.415	1.015	14.750							
11/21/2016 8:00:00 AM	468000.000	73.048	17.993	166.499	29063.287	33553.961	21.190	22816.693	
34.408	1.015	14.752							
11/21/2016 8:05:00 AM	468300.000	73.043	17.993	166.487	29073.863	33566.492	21.199	22825.217	
34.395	1.015	14.753							
11/21/2016 8:10:00 AM	468600.000	73.050	17.994	166.504	29064.051	33554.328	21.191	22816.943	
34.407	1.015	14.754							
11/21/2016 8:15:00 AM	468900.000	73.050	17.993	166.504	29069.430	33560.914	21.195	22821.422	
34.400	1.015	14.755							
11/21/2016 8:20:00 AM	469200.000	73.044	17.993	166.489	29085.178	33579.418	21.208	22834.006	
34.382	1.015	14.755							
11/21/2016 8:25:00 AM	469500.000	73.047	17.993	166.497	29091.697	33586.891	21.213	22839.086	
34.374	1.015	14.756							
11/21/2016 8:30:00 AM	469800.000	73.045	17.993	166.492	29074.303	33566.926	21.199	22825.510	
34.395	1.015	14.756							
11/21/2016 8:35:00 AM	470100.000	73.047	17.993	166.496	29063.936	33554.574	21.191	22817.111	
34.407	1.015	14.757							
11/21/2016 8:40:00 AM	470400.000	73.041	17.993	166.484	29060.943	33551.309	21.188	22814.893	
34.410	1.015	14.758							
11/21/2016 8:45:00 AM	470700.000	73.045	17.993	166.492	29063.389	33553.750	21.190	22816.551	
34.408	1.015	14.758							
11/21/2016 8:50:00 AM	471000.000	73.040	17.993	166.482	29052.285	33541.313	21.181	22808.092	
34.421	1.015	14.760							
11/21/2016 8:55:00 AM	471300.000	73.039	17.993	166.479	29103.740	33600.473	21.223	22848.324	
34.360	1.015	14.762							
11/21/2016 9:00:00 AM	471600.000	73.044	17.993	166.489	29068.211	33559.508	21.194	22820.465	
34.402	1.015	14.763							
11/21/2016 9:05:00 AM	471900.000	73.039	17.993	166.479	29089.289	33583.980	21.211	22837.109	
34.377	1.015	14.761							
11/21/2016 9:10:00 AM	472200.000	73.038	17.993	166.475	29069.545	33561.184	21.195	22821.605	
34.400	1.015	14.759							
11/21/2016 9:15:00 AM	472500.000	73.043	17.993	166.486	29074.395	33566.715	21.199	22825.369	
34.395	1.015	14.756							
11/21/2016 9:20:00 AM	472800.000	73.041	17.993	166.484	29072.957	33564.934	21.198	22824.156	
34.396	1.015	14.758							
11/21/2016 9:25:00 AM	473100.000	73.044	17.993	166.489	29090.523	33585.461	21.212	22838.113	
34.375	1.015	14.759							
11/21/2016 9:30:00 AM	473400.000	73.038	17.993	166.475	29073.506	33565.887	21.199	22824.805	
34.396	1.015	14.760							
11/21/2016 9:35:00 AM	473700.000	73.035	17.992	166.469	29085.926	33580.477	21.209	22834.727	
34.381	1.015	14.761							
11/21/2016 9:40:00 AM	474000.000	73.015	17.993	166.423	29081.625	33575.188	21.205	22831.127	
34.386	1.015	14.762							
11/21/2016 9:45:00 AM	474300.000	73.015	17.993	166.424	29064.670	33555.613	21.191	22817.818	
34.406	1.015	14.764							
11/21/2016 9:50:00 AM	474600.000	73.038	17.993	166.475	29082.021	33575.520	21.205	22831.354	
34.386	1.015	14.763							
11/21/2016 9:55:00 AM	474900.000	73.015	17.993	166.425	29076.008	33568.512	21.200	22826.590	
34.393	1.015	14.762							
11/21/2016 10:00:00 AM	475200.000	73.035	17.993	166.468	29069.604	33561.438	21.195	22821.779	
34.400	1.015	14.761							
11/21/2016 10:05:00 AM	475500.000	73.034	17.993	166.467	29075.668	33567.988	21.200	22826.232	
34.393	1.015	14.762							
11/21/2016 10:10:00 AM	475800.000	73.010	17.993	166.413	29062.125	33552.551	21.189	22815.734	
34.409	1.015	14.763							
11/21/2016 10:15:00 AM	476100.000	73.032	17.993	166.463	29092.398	33587.379	21.213	22839.418	
34.373	1.015	14.764							
11/21/2016 10:20:00 AM	476400.000	73.027	17.993	166.450	29096.313	33592.090	21.217	22842.623	
34.369	1.015	14.764							
11/21/2016 10:25:00 AM	476700.000	73.028	17.993	166.453	29056.973	33546.281	21.185	22811.473	
34.415	1.015	14.764							
11/21/2016 10:30:00 AM	477000.000	73.026	17.993	166.449	29068.285	33559.660	21.194	22820.570	
34.402	1.015	14.764							
11/21/2016 10:35:00 AM	477300.000	73.027	17.993	166.450	29077.				

11/21/2016 11:00:00 AM	478800.000	73.022	17.993	166.439	29072.449	33564.469	21.198	22823.842
34.397	1.015	14.765						
11/21/2016 11:05:00 AM	479100.000	73.019	17.993	166.434	29079.799	33573.207	21.204	22829.783
34.388	1.015	14.764						
11/21/2016 11:10:00 AM	479400.000	73.021	17.993	166.437	29066.795	33557.816	21.193	22819.314
34.404	1.015	14.764						
11/21/2016 11:15:00 AM	479700.000	73.024	17.993	166.445	29065.201	33556.102	21.192	22818.150
34.405	1.015	14.764						
11/21/2016 11:20:00 AM	480000.000	73.021	17.993	166.438	29069.707	33561.105	21.195	22821.555
34.400	1.015	14.764						
11/21/2016 11:25:00 AM	480300.000	73.020	17.993	166.436	29062.898	33553.320	21.190	22816.260
34.408	1.015	14.765						
11/21/2016 11:30:00 AM	480600.000	73.018	17.993	166.426	29049.420	33537.949	21.179	22805.807
34.424	1.015	14.766						
11/21/2016 11:35:00 AM	480900.000	73.019	17.993	166.432	29057.676	33547.414	21.186	22812.242
34.414	1.015	14.764						
11/21/2016 11:40:00 AM	481200.000	73.022	17.993	166.439	29067.510	33559.020	21.194	22820.133
34.403	1.015	14.762						
11/21/2016 11:45:00 AM	481500.000	73.021	17.993	166.437	29061.951	33552.090	21.189	22815.422
34.409	1.015	14.761						
11/21/2016 11:50:00 AM	481800.000	73.020	17.993	166.435	29081.777	33575.492	21.205	22831.336
34.386	1.015	14.760						
11/21/2016 11:55:00 AM	482100.000	73.025	17.993	166.447	29061.529	33552.059	21.189	22815.400
34.410	1.015	14.760						
11/21/2016 12:00:00 PM	482400.000	73.027	17.993	166.450	29054.432	33543.922	21.183	22809.867
34.418	1.015	14.760						
11/21/2016 12:05:00 PM	482700.000	73.016	17.993	166.425	29061.547	33551.684	21.189	22815.145
34.410	1.015	14.759						
11/21/2016 12:10:00 PM	483000.000	73.016	17.993	166.425	29073.121	33565.313	21.198	22824.414
34.396	1.015	14.759						
11/21/2016 12:15:00 PM	483300.000	73.019	17.993	166.432	29077.771	33570.613	21.202	22828.018
34.391	1.015	14.759						
11/21/2016 12:20:00 PM	483600.000	73.017	17.993	166.427	29061.430	33551.746	21.189	22815.189
34.410	1.015	14.759						
11/21/2016 12:25:00 PM	483900.000	73.019	17.993	166.433	29062.732	33553.129	21.190	22816.127
34.408	1.015	14.759						
11/21/2016 12:30:00 PM	484200.000	73.018	17.993	166.431	29057.273	33547.203	21.186	22812.100
34.415	1.015	14.759						
11/21/2016 12:35:00 PM	484500.000	73.018	17.993	166.427	29093.617	33589.223	21.215	22840.674
34.372	1.015	14.760						
11/21/2016 12:40:00 PM	484800.000	73.015	17.993	166.425	29079.674	33573.008	21.203	22829.646
34.388	1.015	14.761						
11/21/2016 12:45:00 PM	485100.000	72.995	17.993	166.378	29041.213	33528.477	21.173	22799.365
34.434	1.015	14.762						
11/21/2016 12:50:00 PM	485400.000	73.016	17.994	166.426	29060.709	33550.469	21.188	22814.320
34.411	1.015	14.760						
11/21/2016 12:55:00 PM	485700.000	73.019	17.993	166.432	29069.846	33561.141	21.195	22821.576
34.400	1.015	14.759						
11/21/2016 1:00:00 PM	486000.000	73.018	17.993	166.432	29065.084	33556.035	21.192	22818.104
34.406	1.015	14.757						
11/21/2016 1:05:00 PM	486300.000	73.015	17.993	166.425	29060.621	33551.066	21.188	22814.727
34.411	1.015	14.758						
11/21/2016 1:10:00 PM	486600.000	73.018	17.993	166.432	29087.203	33581.504	21.209	22835.424
34.379	1.015	14.758						
11/21/2016 1:15:00 PM	486900.000	73.018	17.993	166.431	29066.121	33557.094	21.192	22818.824
34.404	1.015	14.758						
11/21/2016 1:20:00 PM	487200.000	73.021	17.993	166.437	29060.080	33550.258	21.188	22814.176
34.411	1.015	14.757						
11/21/2016 1:25:00 PM	487500.000	73.024	17.993	166.444	29100.779	33597.301	21.220	22846.164
34.363	1.015	14.756						
11/21/2016 1:30:00 PM	487800.000	73.023	17.993	166.442	29069.150	33560.465	21.195	22821.117
34.401	1.015	14.755						
11/21/2016 1:35:00 PM	488100.000	73.018	17.993	166.432	29061.057	33551.316	21.188	22814.896
34.410	1.015	14.757						
11/21/2016 1:40:00 PM	488400.000	73.017	17.993	166.428	29062.533	33553.273	21.190	22816.227
34.409	1.015	14.758						
11/21/2016 1:45:00 PM	488700.000	73.004	17.993	166.398	29063.584	33554.168	21.190	22816.836
34.407	1.015	14.759						
11/21/2016 1:50:00 PM	489000.000	73.023	17.993	166.441	29058.176	33547.922	21.186	22812.590
34.414	1.015	14.760						
11/21/2016 1:55:00 PM	489300.000	73.021	17.993	166.438	29073.293	33565.695	21.198	22824.674
34.396	1.015	14.760						
11/21/2016 2:00:00 PM	489600.000	73.023	17.993	166.442	29074.957	33567.754	21.200	22826.072
34.394	1.015	14.761						
11/21/2016 2:05:00 PM	489900.000	73.021	17.993	166.438	29077.416	33570.273	21.202	22827.787
34.391	1.015	14.759						
11/21/2016 2:10:00 PM	490200.000	73.026	17.992	166.449	29065.396	33556.773	21.192	22818.607
34.405	1.015	14.758						
11/21/2016 2:15:00 PM	490500.000	73.028	17.993	166.452	29070.793	33562.488	21.196	22822.492
34.399	1.015	14.756						
11/21/2016 2:20:00 PM	490800.000	73.025	17.993	166.447	29075.514	33568.203	21.200	22826.379
34.393	1.015	14.757						
11/21/2016 2:25:00 PM	491100.000	73.026	17.993	166.448	29084.676	33578.586	21.207	22833.441
34.382	1.015	14.758						
11/21/2016 2:30:00 PM	491400.000	73.031	17.993	166.461	29085.969	33580.012	21.208	22834.410
34.381	1.015	14.759						
11/21/2016 2:35:00 PM	491700.000	73.031	17.993	166.461	29076.064	33568.574	21.200	22826.631
34.393	1.015	14.759						
11/21/2016 2:40:00 PM	492000.000	73.032	17.993	166.464	29077.262	33569.957	21.201	22827.572
34.391	1.015	14.759						
11/21/2016 2:45:00 PM	492300.000	73.034	17.993	166.467	29081.271	33574.777	21.205	22830.852
34.386	1.015	14.759						
11/21/2016 2:50:00 PM	492600.000	73.032	17.993	166.463	29064.301	33555.258	21.191	22817.578
34.406	1.015	14.760						
11/21/2016 2:55:00 PM	492900.000	73.028	17.993	166.453	29054.953	33544.270	21.183	22810.104
34.418	1.015	14.761						
11/21/2016 3:00:00 PM	493200.000	73.032	17.993	166.463	29081.402	33575.121	21.205	22831.084
34.386	1.015	14.763						
11/21/2016 3:05:00 PM	493500.000	73.034	17.993	166.468	29070.799	33562.633	21.196	22822.592
34.399	1.015	14.762						
11/21/2016 3:10:00 PM	493800.000	73.037	17.993	166.473	29075.227	33567.676	21.200	22826.021
34.394	1.015	14.761						
11/21/2016 3:15:00 PM	494100.000	73.036	17.994	166.471	29080.082	33572.891	21.203	22829.566
34.388	1.015	14.760						
11/21/2016 3:20:00 PM	494400.000	73.036	17.993	166.470	29085.631	33579.621	21.208	22834.145
34.381	1.015	14.761						
11/21/2016 3:25:00 PM	494700.000	73.038	17.993	166.476	29063.406	33554.098	21.190	22816.787
34.408	1.015	14.761						
11/21/2016 3:30:00 PM	495000.000	73.039	17.993	166.478	29070.715	33562.207	21.196	22822.303
34.399	1.015	14.762						
11/21/2016 3:35:00 PM	495300.000	73.016	17.993	166.425	29073.293	33565.246	21.198	22824.367
34.396	1.015	14.764						
11/21/2016 3:40:00 PM	495600.000	73.036	17.993	166.471	29086.678	33580.895	21.209	22835.008
34.380	1.015	14.767						
11/21/2016 3:45:00 PM	495900.000	73.040	17.993	166.480	29079.816	33572.715	21.203	22829.449
34.388	1.015	14.769						
11/21/2016 3:50:00 PM	496200.000	73.037	17.993	166.474	29093.344	33588.332	21.214	22840.066
34.372	1.015	14.768						
11/21/2016 3:55:00 PM	496500.000	73.038	17.993	166.475	29087.688	33582.262	21.210	22835.939
34.379	1.015	14.767						
11/21/2016 4:00:00 PM	496800.000	73.039	17.993	166.477	29072.605	33564.391	21.197	22823.785
34.397	1.015	14.766						
11/21/2016 4:05:00 PM	497100.000	73.041	17.993	166.484	29066.295	33557.434	21.193	22819.055
34.404	1.015	14.766						
11/21/2016 4:10:00 PM	497400.000	73.038	17.993	166.477	29061.115	33551.063	21.188	22814.725
34.410	1.015	14.766						
11/21/2016 4:15:00 PM	497700.000	73.024	17.993	166.445	29083.521	33577.504	21.207	22832.705
34.384	1.015	14.766						
11/21/2016 4:20:00 PM	498000.000	73.038	17.993	166.476	29080.971	33574.504	21.205	22830.664
34.387	1.015	14.768			</			

34.415	1.015	14.771					
11/21/2016 4:35:00 PM	498900.000	73.020	17.993	166.435	29072.805	33564.813	21.198
34.396	1.015	14.769					22824.074
11/21/2016 4:40:00 PM	499200.000	73.050	17.993	166.503	29083.328	33577.152	21.206
34.384	1.015	14.767					22832.465
11/21/2016 4:45:00 PM	499500.000	73.050	17.993	166.504	29086.828	33580.809	21.209
34.380	1.015	14.765					22834.949
11/21/2016 4:50:00 PM	499800.000	73.049	17.993	166.502	29092.480	33587.793	21.214
34.373	1.015	14.764					22839.701
11/21/2016 4:55:00 PM	500100.000	73.055	17.993	166.516	29080.477	33573.539	21.204
34.387	1.015	14.763					22830.008
11/21/2016 5:00:00 PM	500400.000	73.055	17.993	166.515	29089.148	33583.551	21.211
34.377	1.015	14.762					22836.814
11/21/2016 5:05:00 PM	500700.000	73.054	17.993	166.514	29087.639	33581.883	21.210
34.379	1.015	14.764					22835.680
11/21/2016 5:10:00 PM	501000.000	73.052	17.993	166.507	29076.756	33569.242	21.201
34.392	1.015	14.766					22827.086
11/21/2016 5:15:00 PM	501300.000	73.048	17.993	166.498	29080.018	33573.461	21.204
34.388	1.015	14.768					22829.955
11/21/2016 5:20:00 PM	501600.000	73.054	17.994	166.513	29068.455	33559.469	21.194
34.402	1.015	14.770					22820.439
11/21/2016 5:25:00 PM	501900.000	73.046	17.994	166.494	29056.641	33545.828	21.185
34.416	1.015	14.772					22811.164
11/21/2016 5:30:00 PM	502200.000	73.045	17.993	166.493	29060.846	33550.813	21.188
34.411	1.015	14.775					22814.555
11/21/2016 5:35:00 PM	502500.000	73.047	17.993	166.497	29075.141	33567.645	21.200
34.394	1.015	14.775					22825.998
11/21/2016 5:40:00 PM	502800.000	73.049	17.993	166.502	29074.098	33566.441	21.199
34.385	1.015	14.775					22825.180
11/21/2016 5:45:00 PM	503100.000	73.047	17.993	166.497	29077.414	33570.270	21.202
34.391	1.015	14.775					22827.783
11/21/2016 5:50:00 PM	503400.000	73.042	17.993	166.484	29077.162	33569.652	21.201
34.381	1.015	14.777					22827.363
11/21/2016 5:55:00 PM	503700.000	73.045	17.993	166.492	29078.207	33570.918	21.202
34.390	1.015	14.779					22828.227
11/21/2016 6:00:00 PM	504000.000	73.043	17.994	166.488	29084.129	33577.434	21.207
34.383	1.015	14.781					22832.654
11/21/2016 6:05:00 PM	504300.000	73.037	17.993	166.473	29078.367	33571.234	21.202
34.390	1.015	14.782					22828.439
11/21/2016 6:10:00 PM	504600.000	73.042	17.993	166.486	29083.578	33577.316	21.206
34.384	1.015	14.782					22832.576
11/21/2016 6:15:00 PM	504900.000	73.042	17.993	166.485	29084.686	33578.336	21.207
34.382	1.015	14.783					22833.271
11/21/2016 6:20:00 PM	505200.000	73.023	17.993	166.441	29092.572	33587.504	21.214
34.373	1.015	14.784					22839.502
11/21/2016 6:25:00 PM	505500.000	73.046	17.993	166.493	29081.896	33575.254	21.205
34.386	1.015	14.786					22831.176
11/21/2016 6:30:00 PM	505800.000	73.038	17.993	166.476	29093.805	33588.801	21.214
34.372	1.015	14.787					22840.385
11/21/2016 6:35:00 PM	506100.000	73.039	17.993	166.479	29078.158	33571.129	21.202
34.390	1.015	14.787					22828.369
11/21/2016 6:40:00 PM	506400.000	73.042	17.993	166.486	29059.328	33549.254	21.187
34.412	1.015	14.786					22813.494
11/21/2016 6:45:00 PM	506700.000	73.038	17.993	166.476	29086.057	33580.055	21.208
34.381	1.015	14.786					22834.438
11/21/2016 6:50:00 PM	507000.000	73.039	17.993	166.479	29058.771	33548.418	21.186
34.413	1.015	14.787					22812.926
11/21/2016 6:55:00 PM	507300.000	73.032	17.993	166.464	29085.963	33580.195	21.208
34.381	1.015	14.787					22834.533
11/21/2016 7:00:00 PM	507600.000	73.036	17.993	166.471	29066.094	33557.449	21.193
34.404	1.015	14.788					22819.066
11/21/2016 7:05:00 PM	507900.000	73.032	17.993	166.461	29092.162	33587.297	21.213
34.374	1.015	14.788					22839.363
11/21/2016 7:10:00 PM	508200.000	73.032	17.993	166.463	29088.730	33583.199	21.211
34.378	1.015	14.789					22836.576
11/21/2016 7:15:00 PM	508500.000	73.033	17.993	166.465	29082.873	33576.629	21.206
34.384	1.015	14.789					22832.109
11/21/2016 7:20:00 PM	508800.000	73.030	17.993	166.459	29072.107	33563.879	21.197
34.397	1.015	14.790					22823.439
11/21/2016 7:25:00 PM	509100.000	73.031	17.993	166.460	29073.553	33565.547	21.198
34.396	1.015	14.790					22824.574
11/21/2016 7:30:00 PM	509400.000	73.030	17.993	166.458	29062.037	33552.324	21.189
34.409	1.015	14.791					22815.580
11/21/2016 7:35:00 PM	509700.000	73.024	17.993	166.445	29061.947	33552.277	21.189
34.409	1.015	14.794					22815.551
11/21/2016 7:40:00 PM	510000.000	73.018	17.993	166.431	29083.926	33577.598	21.207
34.383	1.015	14.797					22832.770
11/21/2016 7:45:00 PM	510300.000	73.013	17.993	166.419	29081.674	33575.117	21.205
34.386	1.015	14.799					22831.082
11/21/2016 7:50:00 PM	510600.000	73.020	17.993	166.435	29075.104	33567.730	21.200
34.394	1.015	14.796					22826.057
11/21/2016 7:55:00 PM	510900.000	72.998	17.993	166.385	29076.180	33568.453	21.200
34.392	1.015	14.793					22826.549
11/21/2016 8:00:00 PM	511200.000	73.022	17.993	166.440	29061.889	33552.016	21.189
34.409	1.015	14.789					22815.373
11/21/2016 8:05:00 PM	511500.000	73.017	17.993	166.429	29060.242	33550.500	21.188
34.411	1.015	14.792					22814.340
11/21/2016 8:10:00 PM	511800.000	73.013	17.993	166.419	29074.709	33566.953	21.199
34.394	1.015	14.796					22825.531
11/21/2016 8:15:00 PM	512100.000	73.009	17.993	166.411	29086.082	33580.332	21.209
34.381	1.015	14.799					22834.627
11/21/2016 8:20:00 PM	512400.000	73.006	17.993	166.402	29082.576	33576.414	21.206
34.385	1.015	14.799					22831.963
11/21/2016 8:25:00 PM	512700.000	73.002	17.993	166.395	29052.656	33541.359	21.181
34.420	1.015	14.799					22808.127
11/21/2016 8:30:00 PM	513000.000	73.008	17.993	166.407	29073.061	33564.914	21.198
34.396	1.015	14.798					22824.145
11/21/2016 8:35:00 PM	513300.000	73.000	17.993	166.389	29077.920	33570.785	21.202
34.390	1.015	14.801					22828.137
11/21/2016 8:40:00 PM	513600.000	73.001	17.993	166.392	29073.459	33565.512	21.198
34.396	1.015	14.804					22824.551
11/21/2016 8:45:00 PM	513900.000	72.994	17.993	166.376	29065.193	33555.895	21.192
34.405	1.015	14.807					22818.008
11/21/2016 8:50:00 PM	514200.000	72.990	17.993	166.367	29074.166	33566.254	21.199
34.395	1.015	14.806					22825.055
11/21/2016 8:55:00 PM	514500.000	72.995	17.993	166.379	29072.324	33564.004	21.197
34.397	1.015	14.806					22823.525
11/21/2016 9:00:00 PM	514800.000	72.965	17.993	166.310	29091.346	33586.285	21.213
34.374	1.015	14.805					22838.674
11/21/2016 9:05:00 PM	515100.000	72.988	17.993	166.361	29070.086	33561.617	21.196
34.400	1.015	14.805					22821.900
11/21/2016 9:10:00 PM	515400.000	72.988	17.993	166.363	29087.529	33581.949	21.210
34.379	1.015	14.804					22835.729
11/21/2016 9:15:00 PM	515700.000	72.985	17.993	166.356	29072.459	33564.734	21.198
34.397	1.015	14.804					22824.020
11/21/2016 9:20:00 PM	516000.000	72.982	17.993	166.348	29050.564	33539.137	21.180
34.423	1.015	14.806					22806.613
11/21/2016 9:25:00 PM	516300.000	72.983	17.993	166.350	29080.773	33573.957	21.204
34.387	1.015	14.808					22830.291
11/21/2016 9:30:00 PM	516600.000	72.980	17.993	166.343	29079.111	33572.094	21.203
34.389	1.015	14.810					22829.025
11/21/2016 9:35:00 PM	516900.000	72.972	17.993	166.326	29097.770	33593.504	21.218
34.367	1.015	14.810					22843.584
11/21/2016 9:40:00 PM	517200.000	72.954	17.993	166.285	29078.418	33571.293	21.202
34.390	1.015	14.810					22828.480
11/21/2016 9:45:00 PM	517500.000	72.968	17.994	166.316	29086.912	33580.516	21.209
34.380	1.015	14.810					22834.752
11/21/2016 9:50:00 PM	517800.000	72.969	17.993	166.318	29058.295	33548.195	21.186
34.414	1.015	14.810					22812.775
11/21/2016 9:55:00 PM	518100.000	72.965	17.993	166.311	29049.723	33538.035	21.179
34.424	1.015	14.810					22805.865
11/21/2016 10:00:00 PM	518400.000	72.961	17.993	166.300	29093.027	33588.297	21.214
34.372	1.015	14.809					22840.045

11/21/2016 10:05:00 PM	518700.000	72.960	17.993	166.298	29078.320	33571.180	21.202	22828.404
34.390	1.015	14.812						
11/21/2016 10:10:00 PM	519000.000	72.956	17.993	166.290	29087.885	33582.289	21.210	22835.959
34.379	1.015	14.814						
11/21/2016 10:15:00 PM	519300.000	72.954	17.993	166.285	29073.400	33565.246	21.198	22824.367
34.396	1.015	14.817						
11/21/2016 10:20:00 PM	519600.000	72.947	17.993	166.269	29082.631	33576.027	21.206	22831.699
34.385	1.015	14.814						
11/21/2016 10:25:00 PM	519900.000	72.951	17.993	166.277	29072.408	33564.621	21.198	22823.943
34.397	1.015	14.811						
11/21/2016 10:30:00 PM	520200.000	72.959	17.993	166.295	29061.068	33551.262	21.188	22814.859
34.410	1.015	14.809						
11/21/2016 10:35:00 PM	520500.000	72.950	17.993	166.276	29075.307	33567.965	21.200	22826.217
34.393	1.015	14.812						
11/21/2016 10:40:00 PM	520800.000	72.945	17.994	166.265	29076.070	33568.203	21.200	22826.379
34.393	1.015	14.815						
11/21/2016 10:45:00 PM	521100.000	72.942	17.993	166.258	29071.242	33563.199	21.197	22822.977
34.398	1.015	14.818						
11/21/2016 10:50:00 PM	521400.000	72.942	17.993	166.256	29072.252	33564.367	21.197	22823.771
34.397	1.015	14.816						
11/21/2016 10:55:00 PM	521700.000	72.944	17.993	166.261	29084.191	33577.828	21.207	22832.926
34.383	1.015	14.814						
11/21/2016 11:00:00 PM	522000.000	72.944	17.993	166.262	29084.986	33579.195	21.208	22833.851
34.382	1.015	14.812						
11/21/2016 11:05:00 PM	522300.000	72.936	17.993	166.243	29066.484	33557.262	21.193	22818.939
34.404	1.015	14.812						
11/21/2016 11:10:00 PM	522600.000	72.940	17.993	166.254	29072.455	33564.543	21.198	22823.891
34.397	1.015	14.811						
11/21/2016 11:15:00 PM	522900.000	72.939	17.993	166.252	29068.410	33560.004	21.194	22820.805
34.402	1.015	14.811						
11/21/2016 11:20:00 PM	523200.000	72.936	17.993	166.244	29083.521	33577.320	21.206	22832.578
34.384	1.015	14.812						
11/21/2016 11:25:00 PM	523500.000	72.935	17.993	166.241	29079.193	33572.188	21.203	22829.088
34.389	1.015	14.813						
11/21/2016 11:30:00 PM	523800.000	72.933	17.993	166.236	29068.197	33559.301	21.194	22820.326
34.402	1.015	14.814						
11/21/2016 11:35:00 PM	524100.000	72.932	17.993	166.235	29072.951	33564.926	21.198	22824.152
34.396	1.015	14.812						
11/21/2016 11:40:00 PM	524400.000	72.911	17.993	166.186	29074.771	33566.828	21.199	22825.445
34.394	1.015	14.811						
11/21/2016 11:45:00 PM	524700.000	72.931	17.993	166.231	29086.188	33580.207	21.208	22834.541
34.381	1.015	14.809						
11/21/2016 11:50:00 PM	525000.000	72.933	17.993	166.236	29075.809	33568.473	21.200	22826.563
34.393	1.015	14.809						
11/21/2016 11:55:00 PM	525300.000	72.912	17.993	166.190	29086.234	33580.453	21.209	22834.709
34.381	1.015	14.808						
11/22/2016 12:00:00 AM	525600.000	72.929	17.993	166.227	29073.885	33565.930	21.199	22824.832
34.395	1.015	14.809						
11/22/2016 12:05:00 AM	525900.000	72.925	17.993	166.219	29073.455	33565.828	21.198	22824.764
34.396	1.015	14.811						
11/22/2016 12:10:00 AM	526200.000	72.921	17.993	166.210	29065.877	33556.949	21.192	22818.727
34.405	1.015	14.813						
11/22/2016 12:15:00 AM	526500.000	72.925	17.993	166.218	29078.564	33571.727	21.203	22828.775
34.390	1.015	14.815						
11/22/2016 12:20:00 AM	526800.000	72.917	17.993	166.201	29084.412	33578.348	21.207	22833.279
34.383	1.015	14.817						
11/22/2016 12:25:00 AM	527100.000	72.918	17.993	166.203	29067.096	33558.605	21.193	22819.854
34.403	1.015	14.818						
11/22/2016 12:30:00 AM	527400.000	72.916	17.993	166.198	29065.395	33556.715	21.192	22818.566
34.405	1.015	14.819						
11/22/2016 12:35:00 AM	527700.000	72.919	17.993	166.206	29078.270	33571.066	21.202	22828.328
34.390	1.015	14.818						
11/22/2016 12:40:00 AM	528000.000	72.927	17.993	166.223	29068.818	33560.348	21.195	22821.037
34.401	1.015	14.817						
11/22/2016 12:45:00 AM	528300.000	72.916	17.994	166.197	29084.635	33578.020	21.207	22833.053
34.382	1.015	14.815						
11/22/2016 12:50:00 AM	528600.000	72.913	17.993	166.192	29074.457	33566.910	21.199	22825.500
34.384	1.015	14.814						
11/22/2016 12:55:00 AM	528900.000	72.920	17.993	166.207	29065.438	33556.441	21.192	22818.383
34.405	1.015	14.813						
11/22/2016 1:00:00 AM	529200.000	72.919	17.993	166.205	29058.564	33548.180	21.186	22812.764
34.413	1.015	14.812						
11/22/2016 1:05:00 AM	529500.000	72.920	17.993	166.207	29085.180	33578.906	21.208	22833.658
34.382	1.015	14.812						
11/22/2016 1:10:00 AM	529800.000	72.988	17.993	166.156	29079.074	33572.371	21.203	22829.215
34.389	1.015	14.811						
11/22/2016 1:15:00 AM	530100.000	72.924	17.993	166.216	29068.301	33559.613	21.194	22820.537
34.402	1.015	14.810						
11/22/2016 1:20:00 AM	530400.000	72.928	17.993	166.225	29058.982	33548.727	21.187	22813.135
34.413	1.015	14.807						
11/22/2016 1:25:00 AM	530700.000	72.933	17.993	166.236	29083.930	33577.602	21.207	22832.771
34.383	1.015	14.803						
11/22/2016 1:30:00 AM	531000.000	72.928	17.993	166.225	29078.340	33571.203	21.202	22828.418
34.390	1.015	14.800						
11/22/2016 1:35:00 AM	531300.000	72.933	17.993	166.236	29093.148	33588.301	21.214	22840.047
34.372	1.015	14.803						
11/22/2016 1:40:00 AM	531600.000	72.930	17.993	166.229	29075.715	33568.438	21.200	22826.539
34.393	1.015	14.806						
11/22/2016 1:45:00 AM	531900.000	72.927	17.993	166.223	29095.498	33590.758	21.216	22841.717
34.370	1.015	14.809						
11/22/2016 1:50:00 AM	532200.000	72.907	17.993	166.177	29067.490	33558.484	21.193	22819.771
34.403	1.015	14.812						
11/22/2016 1:55:00 AM	532500.000	72.925	17.993	166.218	29069.420	33560.973	21.195	22821.463
34.400	1.015	14.816						
11/22/2016 2:00:00 AM	532800.000	72.915	17.993	166.196	29078.074	33571.160	21.202	22828.391
34.390	1.015	14.819						
11/22/2016 2:05:00 AM	533100.000	72.922	17.994	166.211	29049.336	33537.203	21.179	22805.299
34.424	1.015	14.818						
11/22/2016 2:10:00 AM	533400.000	72.927	17.993	166.222	29100.775	33597.242	21.220	22846.127
34.363	1.015	14.817						
11/22/2016 2:15:00 AM	533700.000	72.928	17.993	166.225	29075.580	33568.281	21.200	22826.434
34.393	1.015	14.816						
11/22/2016 2:20:00 AM	534000.000	72.935	17.993	166.242	29056.066	33545.359	21.184	22810.844
34.416	1.015	14.813						
11/22/2016 2:25:00 AM	534300.000	72.943	17.993	166.259	29061.951	33552.547	21.189	22815.732
34.409	1.015	14.811						
11/22/2016 2:30:00 AM	534600.000	72.938	17.993	166.249	29070.395	33562.223	21.196	22822.313
34.399	1.015	14.808						
11/22/2016 2:35:00 AM	534900.000	72.940	17.993	166.254	29093.936	33588.953	21.215	22840.488
34.371	1.015	14.811						
11/22/2016 2:40:00 AM	535200.000	72.939	17.993	166.250	29074.313	33566.816	21.199	22825.438
34.395	1.015	14.814						
11/22/2016 2:45:00 AM	535500.000	72.935	17.993	166.241	29088.508	33582.941	21.210	22836.400
34.378	1.015	14.817						
11/22/2016 2:50:00 AM	535800.000	72.938	17.993	166.248	29057.211	33547.000	21.185	22811.963
34.415	1.015	14.817						
11/22/2016 2:55:00 AM	536100.000	72.943	17.993	166.259	29091.979	33586.949	21.213	22839.127
34.374	1.015	14.817						
11/22/2016 3:00:00 AM	536400.000	72.939	17.993	166.250	29076.461	33569.355	21.201	22827.164
34.392	1.015	14.817						
11/22/2016 3:05:00 AM	536700.000	72.947	17.993	166.268	29087.939	33582.352	21.210	22836.000
34.379	1.015	14.815						
11/22/2016 3:10:00 AM	537000.000	72.949	17.993	166.274	29070.912	33562.695	21.196	22822.633
34.399	1.015	14.812						
11/22/2016 3:15:00 AM	537300.000	72.958	17.993	166.293	29071.604	33563.297	21.197	22823.043
34.398	1.015	14.809						
11/22/2016 3:20:00 AM	537600.000	72.958	17.993	166.294	29071.965	33564.227	21.197	22823.676
34.397	1.015	14.810						
11/22/2016 3:25:00 AM	537900.000	72.960	17.993	166.299	29068.377	33559.645	21.194	22820.561
34.402	1.015	14.810						

34.418	1.015	14.811					
11/22/2016 3:40:00 AM	538800.000	72.966	17.993	166.312	29084.531	33578.418	21.207
34.383	1.015	14.811					22833.324
11/22/2016 3:45:00 AM	539100.000	72.950	17.993	166.276	29067.699	33559.055	21.194
34.402	1.015	14.812					22820.160
11/22/2016 3:50:00 AM	539400.000	72.969	17.993	166.318	29071.701	33563.480	21.197
34.398	1.015	14.813					22823.168
11/22/2016 3:55:00 AM	539700.000	72.965	17.993	166.310	29093.898	33589.301	21.215
34.371	1.015	14.813					22840.725
11/22/2016 4:00:00 AM	540000.000	72.972	17.993	166.325	29067.863	33559.051	21.194
34.402	1.015	14.814					22820.156
11/22/2016 4:05:00 AM	540300.000	72.974	17.993	166.330	29097.014	33592.828	21.217
34.368	1.015	14.814					22843.125
11/22/2016 4:10:00 AM	540600.000	72.975	17.994	166.333	29070.654	33561.949	21.196
34.399	1.015	14.814					22822.127
11/22/2016 4:15:00 AM	540900.000	72.962	17.993	166.304	29085.434	33579.461	21.208
34.381	1.015	14.814					22834.033
11/22/2016 4:20:00 AM	541200.000	72.984	17.993	166.353	29066.182	33557.109	21.192
34.404	1.015	14.814					22818.834
11/22/2016 4:25:00 AM	541500.000	72.987	17.993	166.360	29072.684	33564.938	21.198
34.397	1.015	14.814					22824.160
11/22/2016 4:30:00 AM	541800.000	72.986	17.993	166.357	29071.734	33563.645	21.197
34.398	1.015	14.813					22823.281
11/22/2016 4:35:00 AM	542100.000	72.991	17.993	166.369	29076.324	33569.012	21.201
34.392	1.015	14.813					22826.930
11/22/2016 4:40:00 AM	542400.000	72.991	17.993	166.369	29062.625	33553.059	21.190
34.408	1.015	14.814					22816.082
11/22/2016 4:45:00 AM	542700.000	72.994	17.993	166.375	29081.678	33574.926	21.205
34.386	1.015	14.814					22830.949
11/22/2016 4:50:00 AM	543000.000	73.002	17.993	166.394	29077.016	33569.742	21.201
34.391	1.015	14.814					22827.428
11/22/2016 4:55:00 AM	543300.000	72.999	17.993	166.386	29080.875	33574.266	21.204
34.387	1.015	14.814					22830.502
11/22/2016 5:00:00 AM	543600.000	73.002	17.993	166.394	29099.092	33595.426	21.219
34.365	1.015	14.814					22844.893
11/22/2016 5:05:00 AM	543900.000	72.999	17.993	166.387	29095.264	33590.809	21.216
34.370	1.015	14.816					22841.752
11/22/2016 5:10:00 AM	544200.000	73.004	17.994	166.398	29080.121	33572.938	21.203
34.388	1.015	14.818					22829.600
11/22/2016 5:15:00 AM	544500.000	73.006	17.993	166.404	29063.633	33554.223	21.190
34.407	1.015	14.820					22816.871
11/22/2016 5:20:00 AM	544800.000	73.011	17.993	166.415	29085.043	33579.207	21.208
34.382	1.015	14.819					22833.863
11/22/2016 5:25:00 AM	545100.000	73.013	17.993	166.419	29073.377	33565.539	21.198
34.396	1.015	14.817					22824.568
11/22/2016 5:30:00 AM	545400.000	73.021	17.993	166.437	29089.344	33583.973	21.211
34.377	1.015	14.815					22837.104
11/22/2016 5:35:00 AM	545700.000	73.025	17.993	166.446	29084.582	33578.410	21.207
34.382	1.015	14.816					22833.318
11/22/2016 5:40:00 AM	546000.000	73.016	17.993	166.426	29089.475	33584.250	21.211
34.377	1.015	14.816					22837.291
11/22/2016 5:45:00 AM	546300.000	73.023	17.993	166.442	29100.275	33596.398	21.220
34.364	1.015	14.817					22845.553
11/22/2016 5:50:00 AM	546600.000	73.021	17.993	166.438	29074.455	33566.719	21.199
34.394	1.015	14.818					22825.371
11/22/2016 5:55:00 AM	546900.000	73.025	17.993	166.447	29086.375	33580.480	21.209
34.380	1.015	14.820					22834.729
11/22/2016 6:00:00 AM	547200.000	73.022	17.993	166.440	29086.186	33580.398	21.209
34.381	1.015	14.822					22834.674
11/22/2016 6:05:00 AM	547500.000	73.022	17.993	166.439	29085.004	33579.031	21.208
34.382	1.015	14.820					22833.744
11/22/2016 6:10:00 AM	547800.000	73.029	17.993	166.455	29073.266	33565.410	21.198
34.396	1.015	14.818					22824.480
11/22/2016 6:15:00 AM	548100.000	73.036	17.993	166.472	29070.508	33562.160	21.196
34.399	1.015	14.816					22822.271
11/22/2016 6:20:00 AM	548400.000	73.016	17.993	166.426	29077.975	33571.102	21.202
34.390	1.015	14.819					22828.350
11/22/2016 6:25:00 AM	548700.000	73.031	17.993	166.459	29084.684	33578.336	21.207
34.382	1.015	14.821					22833.271
11/22/2016 6:30:00 AM	549000.000	73.035	17.993	166.470	29069.602	33561.180	21.195
34.400	1.015	14.824					22821.602
11/22/2016 6:35:00 AM	549300.000	73.037	17.993	166.473	29071.656	33563.430	21.197
34.398	1.015	14.822					22823.133
11/22/2016 6:40:00 AM	549600.000	73.036	17.993	166.471	29089.443	33584.156	21.211
34.377	1.015	14.820					22837.227
11/22/2016 6:45:00 AM	549900.000	73.045	17.993	166.493	29071.375	33563.543	21.197
34.398	1.015	14.818					22823.209
11/22/2016 6:50:00 AM	550200.000	73.023	17.993	166.442	29085.275	33579.477	21.208
34.382	1.015	14.819					22834.045
11/22/2016 6:55:00 AM	550500.000	73.048	17.993	166.500	29088.740	33583.211	21.211
34.378	1.015	14.820					22836.586
11/22/2016 7:00:00 AM	550800.000	73.042	17.993	166.486	29079.020	33571.988	21.203
34.389	1.015	14.822					22828.955
11/22/2016 7:05:00 AM	551100.000	73.042	17.993	166.486	29076.305	33568.988	21.201
34.392	1.015	14.823					22826.914
11/22/2016 7:10:00 AM	551400.000	73.026	17.993	166.449	29068.701	33560.266	21.195
34.401	1.015	14.825					22820.982
11/22/2016 7:15:00 AM	551700.000	73.043	17.992	166.487	29081.121	33574.930	21.205
34.387	1.015	14.826					22830.953
11/22/2016 7:20:00 AM	552000.000	73.043	17.993	166.487	29080.529	33573.676	21.204
34.387	1.015	14.827					22830.102
11/22/2016 7:25:00 AM	552300.000	73.045	17.993	166.491	29077.838	33570.758	21.202
34.390	1.015	14.828					22828.115
11/22/2016 7:30:00 AM	552600.000	73.043	17.993	166.488	29089.342	33584.227	21.211
34.377	1.015	14.829					22837.275
11/22/2016 7:35:00 AM	552900.000	73.026	17.993	166.449	29086.176	33580.250	21.209
34.381	1.015	14.829					22834.572
11/22/2016 7:40:00 AM	553200.000	73.044	17.993	166.491	29090.186	33585.016	21.212
34.376	1.015	14.829					22837.813
11/22/2016 7:45:00 AM	553500.000	73.045	17.993	166.491	29072.252	33564.367	21.197
34.397	1.015	14.830					22823.771
11/22/2016 7:50:00 AM	553800.000	73.046	17.993	166.494	29078.066	33570.633	21.202
34.390	1.015	14.830					22828.031
11/22/2016 7:55:00 AM	554100.000	73.046	17.993	166.494	29092.340	33587.559	21.214
34.373	1.015	14.830					22839.543
11/22/2016 8:00:00 AM	554400.000	73.048	17.993	166.499	29084.365	33578.102	21.207
34.383	1.015	14.830					22833.111
11/22/2016 8:05:00 AM	554700.000	73.028	17.993	166.454	29095.125	33590.391	21.216
34.370	1.015	14.829					22841.469
11/22/2016 8:10:00 AM	555000.000	73.046	17.993	166.495	29091.398	33586.469	21.213
34.374	1.015	14.829					22838.801
11/22/2016 8:15:00 AM	555300.000	73.035	17.993	166.468	29066.037	33557.066	21.192
34.404	1.015	14.829					22818.807
11/22/2016 8:20:00 AM	555600.000	73.044	17.993	166.489	29071.559	33563.508	21.197
34.398	1.015	14.831					22823.188
11/22/2016 8:25:00 AM	555900.000	73.048	17.993	166.500	29064.689	33555.313	21.191
34.406	1.015	14.833					22817.613
11/22/2016 8:30:00 AM	556200.000	73.046	17.993	166.495	29096.672	33592.504	21.217
34.368	1.015	14.834					22842.902
11/22/2016 8:35:00 AM	556500.000	73.046	17.993	166.495	29088.043	33559.449	21.194
34.402	1.015	14.835					22820.428
11/22/2016 8:40:00 AM	556800.000	73.042	17.993	166.484	29088.375	33582.926	21.210
34.378	1.015	14.836					22836.391
11/22/2016 8:45:00 AM	557100.000	73.042	17.993	166.486	29072.500	33564.270	21.197
34.397	1.015	14.837					22823.703
11/22/2016 8:50:00 AM	557400.000	73.039	17.993	166.478	29090.893	33585.762	21.212
34.375	1.015	14.837					22838.320
11/22/2016 8:55:00 AM	557700.000	73.041	17.993	166.482	29087.871	33582.473	21.210
34.379	1.015	14.837					22836.082
11/22/2016 9:00:00 AM	558000.000	73.047	17.993	166.496	29078.264	33571.434	21.202
34.390	1.015	14.836					22828.574
11/22/2016 9:05:00 AM	558300.000	73.038	17.993	166.476	29057.900	33547.988	21.186
34.414	1.015	14.837					22812.633

11/22/2016 9:10:00 AM	558600.000	73.039	17.993	166.479	29081.031	33574.117	21.204	22830.402
34.387	1.015	14.838						
11/22/2016 9:15:00 AM	558900.000	73.043	17.993	166.487	29079.121	33572.047	21.203	22828.992
34.389	1.015	14.838						
11/22/2016 9:20:00 AM	559200.000	73.039	17.993	166.479	29075.617	33568.379	21.200	22826.500
34.393	1.015	14.835						
11/22/2016 9:25:00 AM	559500.000	73.045	17.993	166.492	29063.141	33553.723	21.190	22816.531
34.408	1.015	14.832						
11/22/2016 9:30:00 AM	559800.000	73.041	17.993	166.482	29071.566	33563.574	21.197	22823.230
34.398	1.015	14.829						
11/22/2016 9:35:00 AM	560100.000	73.047	17.993	166.498	29096.854	33592.520	21.217	22842.914
34.368	1.015	14.830						
11/22/2016 9:40:00 AM	560400.000	73.038	17.993	166.477	29073.787	33565.945	21.199	22824.844
34.395	1.015	14.832						
11/22/2016 9:45:00 AM	560700.000	73.041	17.993	166.483	29061.127	33551.199	21.188	22814.818
34.410	1.015	14.833						
11/22/2016 9:50:00 AM	561000.000	73.034	17.993	166.467	29097.402	33593.082	21.217	22843.299
34.367	1.015	14.835						
11/22/2016 9:55:00 AM	561300.000	73.037	17.993	166.475	29091.332	33586.270	21.213	22838.664
34.375	1.015	14.836						
11/22/2016 10:00:00 AM	561600.000	73.026	17.993	166.449	29072.311	33564.051	21.197	22823.555
34.397	1.015	14.838						
11/22/2016 10:05:00 AM	561900.000	73.025	17.993	166.446	29066.357	33557.113	21.192	22818.838
34.404	1.015	14.837						
11/22/2016 10:10:00 AM	562200.000	73.026	17.993	166.450	29081.527	33574.828	21.205	22830.883
34.386	1.015	14.837						
11/22/2016 10:15:00 AM	562500.000	73.023	17.993	166.442	29068.760	33560.523	21.195	22821.158
34.401	1.015	14.836						
11/22/2016 10:20:00 AM	562800.000	73.027	17.993	166.450	29088.098	33582.605	21.210	22836.172
34.378	1.015	14.836						
11/22/2016 10:25:00 AM	563100.000	73.024	17.993	166.444	29113.455	33611.879	21.230	22866.078
34.348	1.015	14.835						
11/22/2016 10:30:00 AM	563400.000	73.024	17.993	166.444	29088.561	33582.871	21.210	22836.355
34.378	1.015	14.835						
11/22/2016 10:35:00 AM	563700.000	73.024	17.994	166.445	29090.064	33584.289	21.211	22837.318
34.376	1.015	14.833						
11/22/2016 10:40:00 AM	564000.000	73.024	17.993	166.444	29101.371	33597.793	21.221	22846.500
34.363	1.015	14.832						
11/22/2016 10:45:00 AM	564300.000	73.000	17.993	166.390	29096.352	33591.996	21.217	22842.559
34.369	1.015	14.830						
11/22/2016 10:50:00 AM	564600.000	73.021	17.993	166.437	29080.018	33573.012	21.203	22829.648
34.388	1.015	14.829						
11/22/2016 10:55:00 AM	564900.000	73.026	17.993	166.450	29081.074	33574.426	21.204	22830.609
34.387	1.015	14.828						
11/22/2016 11:00:00 AM	565200.000	73.025	17.993	166.447	29059.789	33550.105	21.188	22814.074
34.412	1.015	14.826						
11/22/2016 11:05:00 AM	565500.000	73.021	17.993	166.437	29072.795	33564.746	21.198	22824.027
34.396	1.015	14.827						
11/22/2016 11:10:00 AM	565800.000	73.013	17.993	166.418	29095.604	33591.270	21.216	22842.066
34.369	1.015	14.828						
11/22/2016 11:15:00 AM	566100.000	73.012	17.993	166.416	29092.883	33588.313	21.214	22840.053
34.373	1.015	14.829						
11/22/2016 11:20:00 AM	566400.000	73.014	17.993	166.422	29079.574	33572.695	21.203	22829.436
34.388	1.015	14.825						
11/22/2016 11:25:00 AM	566700.000	73.012	17.994	166.418	29075.609	33567.672	21.200	22826.020
34.393	1.015	14.821						
11/22/2016 11:30:00 AM	567000.000	73.015	17.993	166.423	29072.965	33564.996	21.198	22824.197
34.396	1.015	14.818						
11/22/2016 11:35:00 AM	567300.000	73.019	17.993	166.433	29056.287	33545.742	21.185	22811.105
34.416	1.015	14.817						
11/22/2016 11:40:00 AM	567600.000	73.013	17.993	166.420	29082.479	33575.926	21.206	22831.631
34.385	1.015	14.817						
11/22/2016 11:45:00 AM	567900.000	73.011	17.993	166.414	29093.896	33589.355	21.215	22840.764
34.371	1.015	14.817						
11/22/2016 11:50:00 AM	568200.000	73.009	17.993	166.410	29083.674	33577.305	21.206	22832.568
34.384	1.015	14.816						
11/22/2016 11:55:00 AM	568500.000	73.006	17.993	166.404	29080.822	33573.938	21.204	22830.279
34.387	1.015	14.815						
11/22/2016 12:00:00 PM	568800.000	73.004	17.993	166.399	29091.934	33586.766	21.213	22839.000
34.374	1.015	14.814						
11/22/2016 12:05:00 PM	569100.000	73.007	17.993	166.406	29078.352	33571.406	21.202	22828.559
34.390	1.015	14.812						
11/22/2016 12:10:00 PM	569400.000	73.008	17.993	166.409	29097.900	33593.922	21.218	22843.869
34.367	1.015	14.809						
11/22/2016 12:15:00 PM	569700.000	73.009	17.993	166.410	29067.109	33558.105	21.193	22819.514
34.403	1.015	14.807						
11/22/2016 12:20:00 PM	570000.000	72.984	17.993	166.353	29070.256	33561.813	21.196	22822.035
34.399	1.015	14.808						
11/22/2016 12:25:00 PM	570300.000	73.000	17.993	166.389	29081.709	33575.035	21.205	22831.023
34.386	1.015	14.809						
11/22/2016 12:30:00 PM	570600.000	73.001	17.993	166.391	29076.566	33569.422	21.201	22827.207
34.392	1.015	14.810						
11/22/2016 12:35:00 PM	570900.000	72.979	17.993	166.341	29093.197	33588.738	21.214	22840.344
34.372	1.015	14.811						
11/22/2016 12:40:00 PM	571200.000	72.996	17.993	166.379	29086.338	33580.629	21.209	22834.830
34.380	1.015	14.811						
11/22/2016 12:45:00 PM	571500.000	72.995	17.993	166.377	29070.236	33561.914	21.196	22822.104
34.399	1.015	14.811						
11/22/2016 12:50:00 PM	571800.000	72.994	17.993	166.376	29089.896	33584.613	21.212	22837.537
34.376	1.015	14.810						
11/22/2016 12:55:00 PM	572100.000	72.997	17.993	166.383	29078.396	33571.137	21.202	22828.375
34.390	1.015	14.810						
11/22/2016 1:00:00 PM	572400.000	72.991	17.993	166.369	29087.889	33582.035	21.210	22835.785
34.379	1.015	14.810						
11/22/2016 1:05:00 PM	572700.000	72.990	17.993	166.366	29070.762	33562.645	21.196	22822.600
34.399	1.015	14.809						
11/22/2016 1:10:00 PM	573000.000	72.990	17.993	166.368	29082.271	33575.551	21.205	22831.377
34.385	1.015	14.808						
11/22/2016 1:15:00 PM	573300.000	72.990	17.993	166.368	29079.328	33572.410	21.203	22829.238
34.389	1.015	14.808						
11/22/2016 1:20:00 PM	573600.000	72.993	17.993	166.374	29072.855	33564.680	21.198	22823.984
34.396	1.015	14.807						
11/22/2016 1:25:00 PM	573900.000	72.990	17.993	166.366	29079.121	33572.371	21.203	22829.215
34.389	1.015	14.807						
11/22/2016 1:30:00 PM	574200.000	72.993	17.993	166.375	29085.877	33579.973	21.208	22834.381
34.381	1.015	14.807						
11/22/2016 1:35:00 PM	574500.000	72.996	17.994	166.380	29066.646	33557.121	21.192	22818.842
34.404	1.015	14.805						
11/22/2016 1:40:00 PM	574800.000	72.991	17.993	166.368	29079.176	33572.434	21.203	22829.256
34.389	1.015	14.804						
11/22/2016 1:45:00 PM	575100.000	72.991	17.993	166.368	29079.479	33572.516	21.203	22829.311
34.389	1.015	14.802						
11/22/2016 1:50:00 PM	575400.000	72.991	17.993	166.369	29083.127	33576.477	21.206	22832.004
34.384	1.015	14.802						
11/22/2016 1:55:00 PM	575700.000	72.993	17.993	166.374	29084.434	33578.430	21.207	22833.334
34.383	1.015	14.801						
11/22/2016 2:00:00 PM	576000.000	72.975	17.993	166.333	29085.914	33579.816	21.208	22834.275
34.381	1.015	14.800						
11/22/2016 2:05:00 PM	576300.000	72.989	17.994	166.364	29080.393	33573.059	21.204	22829.682
34.387	1.015	14.801						
11/22/2016 2:10:00 PM	576600.000	72.990	17.993	166.366	29083.627	33577.250	21.206	22832.531
34.384	1.015	14.802						
11/22/2016 2:15:00 PM	576900.000	72.974	17.993	166.331	29076.723	33569.281	21.201	22827.111
34.392	1.015	14.803						
11/22/2016 2:20:00 PM	577200.000	72.987	17.993	166.361	29096.402	33592.121	21.217	22842.645
34.369	1.015	14.805						
11/22/2016 2:25:00 PM	577500.000	72.985	17.993	166.356	29068.457	33559.738	21.194	22820.623
34.402	1.015	14.807						
11/22/2016 2:30:00 PM	577800.000	72.983	17.993	166.351	29068.352	33559.672	21.194	22820.578
34.402	1.015	14.809</						

34.381	1.015	14.809					
11/22/2016 2:45:00 PM	578700.000	72.983	17.993	166.350	29080.777	33574.016	21.204
34.387	1.015	14.808					
11/22/2016 2:50:00 PM	579000.000	72.990	17.993	166.367	29074.289	33566.660	21.199
34.395	1.015	14.806					
11/22/2016 2:55:00 PM	579300.000	72.993	17.993	166.373	29072.330	33564.332	21.197
34.397	1.015	14.804					
11/22/2016 3:00:00 PM	579600.000	72.993	17.994	166.374	29069.115	33560.102	21.195
34.401	1.015	14.801					
11/22/2016 3:05:00 PM	579900.000	72.992	17.993	166.372	29086.135	33580.395	21.209
34.381	1.015	14.804					
11/22/2016 3:10:00 PM	580200.000	72.993	17.993	166.372	29082.000	33575.172	21.205
34.386	1.015	14.806					
11/22/2016 3:15:00 PM	580500.000	72.986	17.993	166.358	29083.979	33577.902	21.207
34.383	1.015	14.809					
11/22/2016 3:20:00 PM	580800.000	72.994	17.993	166.375	29074.223	33566.586	21.199
34.395	1.015	14.810					
11/22/2016 3:25:00 PM	581100.000	72.966	17.993	166.313	29086.936	33581.262	21.209
34.380	1.015	14.810					
11/22/2016 3:30:00 PM	581400.000	72.990	17.993	166.366	29095.305	33590.598	21.216
34.370	1.015	14.811					
11/22/2016 3:35:00 PM	581700.000	72.994	17.993	166.376	29076.801	33569.426	21.201
34.392	1.015	14.809					
11/22/2016 3:40:00 PM	582000.000	72.994	17.993	166.376	29080.875	33574.000	21.204
34.387	1.015	14.807					
11/22/2016 3:45:00 PM	582300.000	73.000	17.993	166.389	29074.320	33566.754	21.199
34.395	1.015	14.805					
11/22/2016 3:50:00 PM	582600.000	72.999	17.993	166.387	29080.926	33574.254	21.204
34.387	1.015	14.806					
11/22/2016 3:55:00 PM	582900.000	73.000	17.993	166.389	29081.135	33574.496	21.205
34.387	1.015	14.806					
11/22/2016 4:00:00 PM	583200.000	72.996	17.994	166.380	29075.666	33567.531	21.200
34.383	1.015	14.807					
11/22/2016 4:05:00 PM	583500.000	72.998	17.993	166.385	29081.822	33575.488	21.205
34.386	1.015	14.808					
11/22/2016 4:10:00 PM	583800.000	73.001	17.993	166.392	29074.203	33566.492	21.199
34.385	1.015	14.808					
11/22/2016 4:15:00 PM	584100.000	73.000	17.993	166.389	29084.822	33578.754	21.207
34.382	1.015	14.809					
11/22/2016 4:20:00 PM	584400.000	72.980	17.993	166.345	29086.100	33580.160	21.208
34.381	1.015	14.809					
11/22/2016 4:25:00 PM	584700.000	73.004	17.994	166.399	29091.389	33585.945	21.212
34.374	1.015	14.809					
11/22/2016 4:30:00 PM	585000.000	73.001	17.994	166.391	29099.971	33595.855	21.219
34.364	1.015	14.809					
11/22/2016 4:35:00 PM	585300.000	73.000	17.993	166.391	29072.408	33564.227	21.197
34.397	1.015	14.811					
11/22/2016 4:40:00 PM	585600.000	73.000	17.993	166.389	29090.693	33585.410	21.212
34.375	1.015	14.812					
11/22/2016 4:45:00 PM	585900.000	72.999	17.993	166.387	29076.664	33569.461	21.201
34.392	1.015	14.813					
11/22/2016 4:50:00 PM	586200.000	73.003	17.993	166.396	29067.410	33558.652	21.193
34.403	1.015	14.812					
11/22/2016 4:55:00 PM	586500.000	73.005	17.993	166.401	29080.070	33573.336	21.204
34.388	1.015	14.811					
11/22/2016 5:00:00 PM	586800.000	73.004	17.993	166.399	29084.033	33577.645	21.207
34.383	1.015	14.809					
11/22/2016 5:05:00 PM	587100.000	73.007	17.993	166.406	29104.150	33601.000	21.223
34.359	1.015	14.810					
11/22/2016 5:10:00 PM	587400.000	72.988	17.993	166.363	29082.934	33576.449	21.206
34.384	1.015	14.811					
11/22/2016 5:15:00 PM	587700.000	73.008	17.993	166.408	29079.377	33572.145	21.203
34.389	1.015	14.812					
11/22/2016 5:20:00 PM	588000.000	73.008	17.993	166.407	29080.723	33573.953	21.204
34.387	1.015	14.811					
11/22/2016 5:25:00 PM	588300.000	73.007	17.993	166.406	29074.811	33567.000	21.199
34.394	1.015	14.810					
11/22/2016 5:30:00 PM	588600.000	73.012	17.993	166.418	29066.227	33557.410	21.193
34.404	1.015	14.809					
11/22/2016 5:35:00 PM	588900.000	73.012	17.993	166.418	29090.750	33585.668	21.212
34.375	1.015	14.810					
11/22/2016 5:40:00 PM	589200.000	73.009	17.993	166.411	29067.855	33558.969	21.194
34.402	1.015	14.811					
11/22/2016 5:45:00 PM	589500.000	73.013	17.993	166.419	29072.885	33564.711	21.198
34.396	1.015	14.811					
11/22/2016 5:50:00 PM	589800.000	73.014	17.993	166.421	29080.994	33574.266	21.204
34.387	1.015	14.812					
11/22/2016 5:55:00 PM	590100.000	73.015	17.993	166.424	29075.219	33567.598	21.200
34.394	1.015	14.813					
11/22/2016 6:00:00 PM	590400.000	73.011	17.993	166.414	29079.117	33571.906	21.203
34.389	1.015	14.814					
11/22/2016 6:05:00 PM	590700.000	73.012	17.993	166.418	29078.852	33572.059	21.203
34.389	1.015	14.813					
11/22/2016 6:10:00 PM	591000.000	73.015	17.993	166.423	29099.320	33595.426	21.219
34.365	1.015	14.813					
11/22/2016 6:15:00 PM	591300.000	73.021	17.993	166.438	29070.709	33562.527	21.196
34.389	1.015	14.813					
11/22/2016 6:20:00 PM	591600.000	73.017	17.993	166.428	29083.361	33576.945	21.206
34.384	1.015	14.813					
11/22/2016 6:25:00 PM	591900.000	73.013	17.993	166.419	29079.941	33572.797	21.203
34.388	1.015	14.813					
11/22/2016 6:30:00 PM	592200.000	73.017	17.993	166.428	29085.082	33579.055	21.208
34.382	1.015	14.814					
11/22/2016 6:35:00 PM	592500.000	73.017	17.993	166.429	29090.109	33584.734	21.212
34.376	1.015	14.811					
11/22/2016 6:40:00 PM	592800.000	73.021	17.993	166.437	29080.170	33573.063	21.204
34.388	1.015	14.809					
11/22/2016 6:45:00 PM	593100.000	73.023	17.993	166.442	29084.586	33578.680	21.207
34.382	1.015	14.807					
11/22/2016 6:50:00 PM	593400.000	73.028	17.993	166.453	29087.736	33581.859	21.210
34.379	1.015	14.808					
11/22/2016 6:55:00 PM	593700.000	73.025	17.993	166.447	29078.494	33571.516	21.202
34.390	1.015	14.809					
11/22/2016 7:00:00 PM	594000.000	73.019	17.993	166.433	29091.596	33586.574	21.213
34.374	1.015	14.809					
11/22/2016 7:05:00 PM	594300.000	73.023	17.993	166.442	29079.773	33572.602	21.203
34.388	1.015	14.811					
11/22/2016 7:10:00 PM	594600.000	73.017	17.993	166.428	29090.996	33585.758	21.212
34.375	1.015	14.812					
11/22/2016 7:15:00 PM	594900.000	73.012	17.993	166.417	29070.461	33561.977	21.196
34.399	1.015	14.813					
11/22/2016 7:20:00 PM	595200.000	73.017	17.994	166.428	29078.359	33570.848	21.202
34.390	1.015	14.814					
11/22/2016 7:25:00 PM	595500.000	73.016	17.993	166.426	29092.000	33586.973	21.213
34.374	1.015	14.815					
11/22/2016 7:30:00 PM	595800.000	73.015	17.993	166.423	29091.525	33586.297	21.213
34.374	1.015	14.816					
11/22/2016 7:35:00 PM	596100.000	73.017	17.993	166.428	29082.934	33576.641	21.206
34.384	1.015	14.814					
11/22/2016 7:40:00 PM	596400.000	73.018	17.994	166.430	29086.740	33580.523	21.209
34.380	1.015	14.812					
11/22/2016 7:45:00 PM	596700.000	73.022	17.994	166.440	29093.854	33588.793	21.214
34.372	1.015	14.810					
11/22/2016 7:50:00 PM	597000.000	73.015	17.993	166.425	29092.707	33587.734	21.214
34.373	1.015	14.811					
11/22/2016 7:55:00 PM	597300.000	72.998	17.993	166.385	29087.447	33581.719	21.210
34.379	1.015	14.812					
11/22/2016 8:00:00 PM	597600.000	73.014	17.993	166.422	29072.117	33563.891	21.197
34.397	1.015	14.814					
11/22/2016 8:05:00 PM	597900.000	73.014	17.993	166.420	29082.633	33576.160	21.206
34.385	1.015	14.814					
11/22/2016 8:10:00 PM	598200.000	73.013	17.993	166.420	29073.748	33565.969	21.199
34.395	1.015	14.814					
22830.332							
22825.330							
22823.748							
22820.869							
22834.670							
22831.117							
22832.975							
22825.281							
22835.258							
22841.607							
22827.209							
22830.322							
22825.395							
22830.494							
22830.660							
22825.922							
22831.334							
22825.217							

11/22/2016 8:15:00 PM	598500.000	73.007	166.406	29089.143	33583.676	21.211	22836.900
34.377	1.015	14.814					
11/22/2016 8:20:00 PM	598800.000	73.003	166.397	29086.947	33581.141	21.209	22835.176
34.380	1.015	14.812					
11/22/2016 8:25:00 PM	599100.000	73.011	166.415	29090.389	33584.984	21.212	22837.789
34.376	1.015	14.810					
11/22/2016 8:30:00 PM	599400.000	73.009	166.410	29081.813	33575.156	21.205	22831.107
34.386	1.015	14.808					
11/22/2016 8:35:00 PM	599700.000	73.008	166.407	29069.318	33560.531	21.195	22821.164
34.401	1.015	14.810					
11/22/2016 8:40:00 PM	600000.000	73.004	166.398	29084.545	33578.633	21.207	22833.471
34.383	1.015	14.812					
11/22/2016 8:45:00 PM	600300.000	73.000	166.389	29078.975	33571.742	21.203	22828.787
34.389	1.015	14.813					
11/22/2016 8:50:00 PM	600600.000	72.985	166.356	29087.941	33582.156	21.210	22835.869
34.379	1.015	14.811					
11/22/2016 8:55:00 PM	600900.000	73.000	166.390	29089.836	33584.473	21.211	22837.443
34.376	1.015	14.809					
11/22/2016 9:00:00 PM	601200.000	73.002	166.394	29081.168	33574.277	21.204	22830.512
34.387	1.015	14.807					
11/22/2016 9:05:00 PM	601500.000	73.000	166.390	29103.877	33601.008	21.223	22848.686
34.360	1.015	14.809					
11/22/2016 9:10:00 PM	601800.000	72.991	166.368	29093.605	33588.828	21.214	22840.404
34.372	1.015	14.811					
11/22/2016 9:15:00 PM	602100.000	72.992	166.372	29090.109	33584.789	21.212	22837.658
34.376	1.015	14.812					
11/22/2016 9:20:00 PM	602400.000	72.994	166.375	29080.928	33574.328	21.204	22830.543
34.387	1.015	14.811					
11/22/2016 9:25:00 PM	602700.000	72.986	166.357	29074.570	33566.793	21.199	22825.420
34.394	1.015	14.810					
11/22/2016 9:30:00 PM	603000.000	72.987	166.360	29089.094	33583.617	21.211	22836.861
34.377	1.015	14.809					
11/22/2016 9:35:00 PM	603300.000	72.990	166.367	29083.549	33577.406	21.207	22832.639
34.384	1.015	14.809					
11/22/2016 9:40:00 PM	603600.000	72.969	166.318	29080.029	33572.961	21.203	22829.615
34.388	1.015	14.808					
11/22/2016 9:45:00 PM	603900.000	72.989	166.364	29073.654	33566.176	21.199	22825.000
34.395	1.015	14.807					
11/22/2016 9:50:00 PM	604200.000	72.984	166.353	29084.582	33577.895	21.207	22832.969
34.382	1.015	14.808					
11/22/2016 9:55:00 PM	604500.000	72.983	166.352	29080.125	33573.648	21.204	22830.084
34.388	1.015	14.808					
11/22/2016 10:00:00 PM	604800.000	72.958	166.294	29073.613	33565.492	21.198	22824.535
34.395	1.015	14.809					
11/22/2016 10:05:00 PM	605100.000	72.979	166.341	29072.660	33564.324	21.197	22823.742
34.397	1.015	14.811					
11/22/2016 10:10:00 PM	605400.000	72.949	166.274	29080.279	33573.578	21.204	22830.035
34.388	1.015	14.813					
11/22/2016 10:15:00 PM	605700.000	72.971	166.324	29078.230	33571.211	21.202	22828.424
34.390	1.015	14.815					
11/22/2016 10:20:00 PM	606000.000	72.969	166.319	29078.930	33571.883	21.203	22828.883
34.389	1.015	14.814					
11/22/2016 10:25:00 PM	606300.000	72.969	166.320	29103.027	33600.027	21.222	22848.021
34.361	1.015	14.812					
11/22/2016 10:30:00 PM	606600.000	72.967	166.315	29088.639	33583.285	21.211	22836.635
34.378	1.015	14.811					
11/22/2016 10:35:00 PM	606900.000	72.972	166.326	29075.938	33568.301	21.200	22826.447
34.393	1.015	14.812					
11/22/2016 10:40:00 PM	607200.000	72.945	166.265	29092.754	33587.789	21.214	22839.699
34.373	1.015	14.813					
11/22/2016 10:45:00 PM	607500.000	72.956	166.289	29091.750	33586.430	21.213	22838.771
34.374	1.015	14.814					
11/22/2016 10:50:00 PM	607800.000	72.937	166.246	29089.432	33584.074	21.211	22837.172
34.377	1.015	14.815					
11/22/2016 10:55:00 PM	608100.000	72.956	166.289	29096.947	33592.820	21.217	22843.119
34.368	1.015	14.816					
11/22/2016 11:00:00 PM	608400.000	72.955	166.288	29070.459	33562.105	21.196	22822.232
34.399	1.015	14.816					
11/22/2016 11:05:00 PM	608700.000	72.935	166.242	29069.619	33561.270	21.195	22821.664
34.400	1.015	14.815					
11/22/2016 11:10:00 PM	609000.000	72.951	166.279	29088.998	33583.574	21.211	22836.832
34.377	1.015	14.814					
11/22/2016 11:15:00 PM	609300.000	72.953	166.281	29073.369	33565.211	21.198	22824.344
34.396	1.015	14.814					
11/22/2016 11:20:00 PM	609600.000	72.953	166.282	29089.350	33583.660	21.211	22836.889
34.377	1.015	14.812					
11/22/2016 11:25:00 PM	609900.000	72.951	166.278	29084.830	33578.961	21.208	22833.695
34.382	1.015	14.811					
11/22/2016 11:30:00 PM	610200.000	72.951	166.279	29102.830	33599.285	21.222	22847.516
34.361	1.015	14.810					
11/22/2016 11:35:00 PM	610500.000	72.951	166.278	29092.473	33587.656	21.214	22839.609
34.373	1.015	14.809					
11/22/2016 11:40:00 PM	610800.000	72.947	166.269	29092.027	33587.141	21.213	22839.256
34.374	1.015	14.808					
11/22/2016 11:45:00 PM	611100.000	72.944	166.263	29091.902	33586.805	21.213	22839.029
34.374	1.015	14.807					
11/22/2016 11:50:00 PM	611400.000	72.941	166.255	29087.289	33581.727	21.210	22835.574
34.379	1.015	14.807					
11/22/2016 11:55:00 PM	611700.000	72.945	166.264	29094.109	33589.543	21.215	22840.889
34.371	1.015	14.808					
11/23/2016 12:00:00 AM	612000.000	72.939	166.251	29083.910	33577.770	21.207	22832.885
34.383	1.015	14.808					
11/23/2016 12:05:00 AM	612300.000	72.918	166.203	29071.436	33563.039	21.197	22822.869
34.398	1.015	14.811					
11/23/2016 12:10:00 AM	612600.000	72.932	166.234	29073.672	33565.434	21.198	22824.496
34.395	1.015	14.815					
11/23/2016 12:15:00 AM	612900.000	72.929	166.228	29089.043	33583.305	21.211	22836.646
34.377	1.015	14.818					
11/23/2016 12:20:00 AM	613200.000	72.929	166.227	29078.475	33571.426	21.202	22828.572
34.390	1.015	14.816					
11/23/2016 12:25:00 AM	613500.000	72.930	166.229	29075.518	33568.328	21.200	22826.463
34.383	1.015	14.814					
11/23/2016 12:30:00 AM	613800.000	72.932	166.234	29080.521	33573.590	21.204	22830.041
34.387	1.015	14.812					
11/23/2016 12:35:00 AM	614100.000	72.913	166.191	29099.316	33595.488	21.219	22844.932
34.385	1.015	14.810					
11/23/2016 12:40:00 AM	614400.000	72.927	166.223	29076.324	33569.012	21.201	22826.930
34.392	1.015	14.808					
11/23/2016 12:45:00 AM	614700.000	72.936	166.244	29074.164	33566.324	21.199	22825.102
34.395	1.015	14.805					
11/23/2016 12:50:00 AM	615000.000	72.928	166.226	29091.621	33586.918	21.213	22839.104
34.374	1.015	14.804					
11/23/2016 12:55:00 AM	615300.000	72.935	166.241	29067.414	33558.656	21.193	22819.887
34.403	1.015	14.803					
11/23/2016 1:00:00 AM	615600.000	72.913	166.192	29088.994	33583.445	21.211	22836.742
34.377	1.015	14.801					
11/23/2016 1:05:00 AM	615900.000	72.930	166.230	29097.814	33593.555	21.218	22843.619
34.367	1.015	14.802					
11/23/2016 1:10:00 AM	616200.000	72.913	166.191	29081.619	33575.180	21.205	22831.123
34.386	1.015	14.803					
11/23/2016 1:15:00 AM	616500.000	72.927	166.223	29084.537	33578.301	21.207	22833.244
34.383	1.015	14.804					
11/23/2016 1:20:00 AM	616800.000	72.923	166.215	29065.889	33556.965	21.192	22818.736
34.405	1.015	14.804					
11/23/2016 1:25:00 AM	617100.000	72.929	166.227	29076.934	33569.715	21.201	22827.408
34.392	1.015	14.803					
11/23/2016 1:30:00 AM	617400.000	72.931	166.232	29080.324	33573.813	21.204	22830.195
34.388	1.015	14.803					
11/23/2016 1:35:00 AM	617700.000	72.923	166.214	29067.801	33558.980	21.194	22820.109
34.402	1.015	14.805					
11/23/2016 1:40:00 AM	618000.000	72.924	166.216	29081.932	33575.219	21.205	22831.150
34.386	1.015	14.807					
11/23/2016 1:45:00 AM	618300.000	72.926	166.221	29075.115	33567.426	21.200	22825.852

34.384	1.015	14.810					
11/23/2016 1:50:00 AM	618600.000	72.922	17.993	166.212	29070.023	33561.793	21.196
34.400	1.015	14.810					22822.021
11/23/2016 1:55:00 AM	618900.000	72.928	17.993	166.226	29058.998	33548.871	21.187
34.413	1.015	14.809					22813.234
11/23/2016 2:00:00 AM	619200.000	72.928	17.994	166.226	29068.920	33559.949	21.194
34.401	1.015	14.809					22820.766
11/23/2016 2:05:00 AM	619500.000	72.908	17.993	166.180	29070.926	33562.836	21.196
34.399	1.015	14.812					22822.729
11/23/2016 2:10:00 AM	619800.000	72.926	17.993	166.220	29100.373	33596.449	21.220
34.364	1.015	14.815					22845.586
11/23/2016 2:15:00 AM	620100.000	72.924	17.993	166.216	29084.227	33577.941	21.207
34.383	1.015	14.818					22833.000
11/23/2016 2:20:00 AM	620400.000	72.923	17.993	166.213	29086.188	33580.008	21.208
34.381	1.015	14.818					22834.408
11/23/2016 2:25:00 AM	620700.000	72.903	17.993	166.169	29084.676	33578.707	21.207
34.382	1.015	14.818					22833.523
11/23/2016 2:30:00 AM	621000.000	72.929	17.993	166.227	29083.232	33577.117	21.206
34.384	1.015	14.818					22832.441
11/23/2016 2:35:00 AM	621300.000	72.933	17.993	166.236	29072.912	33565.004	21.198
34.396	1.015	14.816					22824.203
11/23/2016 2:40:00 AM	621600.000	72.931	17.993	166.232	29082.537	33576.184	21.206
34.385	1.015	14.814					22831.807
11/23/2016 2:45:00 AM	621900.000	72.934	17.993	166.238	29087.840	33582.492	21.210
34.379	1.015	14.812					22836.098
11/23/2016 2:50:00 AM	622200.000	72.915	17.993	166.196	29082.135	33575.453	21.205
34.385	1.015	14.813					22831.311
11/23/2016 2:55:00 AM	622500.000	72.923	17.993	166.215	29091.887	33586.785	21.213
34.374	1.015	14.813					22839.014
11/23/2016 3:00:00 AM	622800.000	72.942	17.993	166.257	29081.389	33574.859	21.205
34.386	1.015	14.814					22830.906
11/23/2016 3:05:00 AM	623100.000	72.938	17.993	166.248	29098.498	33594.281	21.218
34.366	1.015	14.814					22844.113
11/23/2016 3:10:00 AM	623400.000	72.947	17.993	166.269	29086.244	33580.328	21.209
34.381	1.015	14.814					22834.623
11/23/2016 3:15:00 AM	623700.000	72.950	17.993	166.275	29096.314	33591.953	21.217
34.369	1.015	14.814					22842.531
11/23/2016 3:20:00 AM	624000.000	72.945	17.993	166.264	29082.234	33575.891	21.205
34.385	1.015	14.818					22831.605
11/23/2016 3:25:00 AM	624300.000	72.946	17.993	166.267	29086.328	33580.746	21.209
34.380	1.015	14.823					22834.910
11/23/2016 3:30:00 AM	624600.000	72.943	17.993	166.260	29082.436	33575.875	21.205
34.385	1.015	14.827					22831.596
11/23/2016 3:35:00 AM	624900.000	72.942	17.993	166.257	29099.816	33596.063	21.220
34.364	1.015	14.828					22845.324
11/23/2016 3:40:00 AM	625200.000	72.949	17.993	166.273	29093.703	33589.008	21.215
34.372	1.015	14.830					22840.527
11/23/2016 3:45:00 AM	625500.000	72.949	17.994	166.274	29093.006	33587.813	21.214
34.373	1.015	14.831					22839.715
11/23/2016 3:50:00 AM	625800.000	72.947	17.993	166.269	29088.941	33583.633	21.211
34.377	1.015	14.833					22836.873
11/23/2016 3:55:00 AM	626100.000	72.932	17.993	166.235	29068.148	33559.184	21.194
34.402	1.015	14.835					22820.246
11/23/2016 4:00:00 AM	626400.000	72.953	17.993	166.283	29092.299	33587.453	21.214
34.373	1.015	14.837					22839.471
11/23/2016 4:05:00 AM	626700.000	72.955	17.993	166.288	29081.637	33575.199	21.205
34.386	1.015	14.838					22831.137
11/23/2016 4:10:00 AM	627000.000	72.958	17.993	166.295	29091.900	33586.859	21.213
34.374	1.015	14.839					22839.066
11/23/2016 4:15:00 AM	627300.000	72.952	17.993	166.281	29081.178	33574.422	21.204
34.387	1.015	14.839					22830.607
11/23/2016 4:20:00 AM	627600.000	72.961	17.993	166.301	29084.326	33577.984	21.207
34.383	1.015	14.841					22833.031
11/23/2016 4:25:00 AM	627900.000	72.957	17.993	166.292	29082.135	33575.848	21.205
34.385	1.015	14.844					22831.578
11/23/2016 4:30:00 AM	628200.000	72.964	17.993	166.308	29098.617	33594.422	21.218
34.366	1.015	14.846					22844.207
11/23/2016 4:35:00 AM	628500.000	72.966	17.993	166.312	29089.744	33584.504	21.211
34.376	1.015	14.845					22837.463
11/23/2016 4:40:00 AM	628800.000	72.971	17.993	166.323	29080.316	33573.621	21.204
34.388	1.015	14.845					22830.063
11/23/2016 4:45:00 AM	629100.000	72.969	17.993	166.318	29094.805	33590.277	21.215
34.370	1.015	14.845					22841.391
11/23/2016 4:50:00 AM	629400.000	72.974	17.993	166.331	29084.838	33578.770	21.207
34.382	1.015	14.844					22833.564
11/23/2016 4:55:00 AM	629700.000	72.957	17.993	166.293	29079.521	33572.438	21.203
34.388	1.015	14.843					22829.258
11/23/2016 5:00:00 AM	630000.000	72.984	17.993	166.352	29096.943	33592.680	21.217
34.368	1.015	14.842					22843.023
11/23/2016 5:05:00 AM	630300.000	72.986	17.993	166.358	29085.496	33579.656	21.208
34.381	1.015	14.846					22834.168
11/23/2016 5:10:00 AM	630600.000	72.982	17.993	166.349	29086.877	33581.250	21.209
34.380	1.015	14.849					22835.250
11/23/2016 5:15:00 AM	630900.000	72.985	17.993	166.356	29086.281	33580.117	21.208
34.380	1.015	14.852					22834.482
11/23/2016 5:20:00 AM	631200.000	72.985	17.993	166.356	29098.723	33594.926	21.219
34.366	1.015	14.851					22844.549
11/23/2016 5:25:00 AM	631500.000	72.991	17.993	166.370	29087.695	33581.813	21.210
34.379	1.015	14.851					22835.635
11/23/2016 5:30:00 AM	631800.000	72.992	17.993	166.371	29073.766	33566.305	21.199
34.385	1.015	14.851					22825.088
11/23/2016 5:35:00 AM	632100.000	72.992	17.993	166.372	29086.641	33580.785	21.209
34.380	1.015	14.852					22834.934
11/23/2016 5:40:00 AM	632400.000	72.999	17.993	166.387	29091.855	33586.676	21.213
34.374	1.015	14.853					22838.939
11/23/2016 5:45:00 AM	632700.000	72.980	17.993	166.344	29081.412	33574.887	21.205
34.386	1.015	14.853					22830.926
11/23/2016 5:50:00 AM	633000.000	72.999	17.993	166.387	29090.297	33585.008	21.212
34.376	1.015	14.857					22837.807
11/23/2016 5:55:00 AM	633300.000	72.995	17.994	166.379	29076.926	33569.121	21.201
34.392	1.015	14.860					22827.004
11/23/2016 6:00:00 AM	633600.000	72.999	17.993	166.387	29069.926	33561.555	21.196
34.400	1.015	14.863					22821.859
11/23/2016 6:05:00 AM	633900.000	73.001	17.993	166.393	29097.037	33593.109	21.217
34.368	1.015	14.862					22843.314
11/23/2016 6:10:00 AM	634200.000	73.006	17.993	166.403	29090.381	33585.371	21.212
34.376	1.015	14.860					22838.055
11/23/2016 6:15:00 AM	634500.000	73.011	17.992	166.416	29086.105	33580.684	21.209
34.381	1.015	14.859					22834.865
11/23/2016 6:20:00 AM	634800.000	73.011	17.993	166.415	29088.602	33583.188	21.211
34.378	1.015	14.857					22836.568
11/23/2016 6:25:00 AM	635100.000	72.999	17.993	166.388	29075.377	33567.590	21.200
34.393	1.015	14.855					22825.963
11/23/2016 6:30:00 AM	635400.000	72.997	17.994	166.383	29085.963	33579.684	21.208
34.381	1.015	14.853					22834.188
11/23/2016 6:35:00 AM	635700.000	73.020	17.993	166.435	29088.744	33583.023	21.210
34.378	1.015	14.857					22836.459
11/23/2016 6:40:00 AM	636000.000	73.017	17.992	166.429	29090.797	33586.098	21.213
34.375	1.015	14.861					22838.549
11/23/2016 6:45:00 AM	636300.000	73.016	17.993	166.427	29082.641	33576.434	21.206
34.385	1.015	14.865					22831.977
11/23/2016 6:50:00 AM	636600.000	73.014	17.993	166.422	29087.324	33581.641	21.209
34.379	1.015	14.865					22835.516
11/23/2016 6:55:00 AM	636900.000	73.017	17.993	166.429	29082.730	33576.465	21.206
34.385	1.015	14.866					22831.996
11/23/2016 7:00:00 AM	637200.000	73.020	17.993	166.435	29086.602	33580.547	21.209
34.380	1.015	14.866					22834.771
11/23/2016 7:05:00 AM	637500.000	73.022	17.993	166.440	29085.285	33579.488	21.208
34.382	1.015	14.866					22834.053
11/23/2016 7:10:00 AM	637800.000	73.021	17.993	166.438	29080.129	33573.211	21.204
34.388	1.015	14.866					22829.785
11/23/2016 7:15:00 AM	638100.000	73.029	17.993	166.455	29083.387	33576.898	21.206
34.384	1.015	14.867					22832.293

11/23/2016 7:20:00 AM	638400.000	73.031	17.993	166.461	29105.564	33602.379	21.224	22849.619
34.358	1.015	14.869						
11/23/2016 7:25:00 AM	638700.000	73.029	17.993	166.456	29085.787	33580.184	21.208	22834.525
34.381	1.015	14.870						
11/23/2016 7:30:00 AM	639000.000	73.032	17.993	166.462	29086.686	33580.707	21.209	22834.883
34.380	1.015	14.872						
11/23/2016 7:35:00 AM	639300.000	73.032	17.993	166.462	29088.693	33583.156	21.211	22836.547
34.378	1.015	14.872						
11/23/2016 7:40:00 AM	639600.000	73.035	17.993	166.468	29085.779	33579.984	21.208	22834.391
34.381	1.015	14.872						
11/23/2016 7:45:00 AM	639900.000	73.035	17.993	166.470	29085.637	33579.695	21.208	22834.193
34.381	1.015	14.872						
11/23/2016 7:50:00 AM	640200.000	73.030	17.993	166.459	29086.889	33580.941	21.209	22835.043
34.380	1.015	14.873						
11/23/2016 7:55:00 AM	640500.000	73.031	17.993	166.461	29073.838	33566.195	21.199	22825.014
34.395	1.015	14.875						
11/23/2016 8:00:00 AM	640800.000	73.036	17.993	166.472	29095.484	33590.996	21.216	22841.879
34.370	1.015	14.877						
11/23/2016 8:05:00 AM	641100.000	73.033	17.993	166.464	29081.438	33574.969	21.205	22830.980
34.386	1.015	14.879						
11/23/2016 8:10:00 AM	641400.000	73.034	17.993	166.468	29101.047	33597.418	21.220	22846.244
34.363	1.015	14.881						
11/23/2016 8:15:00 AM	641700.000	73.033	17.993	166.464	29081.227	33574.992	21.205	22830.996
34.386	1.015	14.884						
11/23/2016 8:20:00 AM	642000.000	73.035	17.993	166.469	29085.691	33580.074	21.208	22834.451
34.381	1.015	14.882						
11/23/2016 8:25:00 AM	642300.000	73.041	17.993	166.484	29095.762	33591.316	21.216	22842.096
34.369	1.015	14.880						
11/23/2016 8:30:00 AM	642600.000	73.039	17.992	166.479	29085.043	33579.457	21.208	22834.031
34.382	1.015	14.878						
11/23/2016 8:35:00 AM	642900.000	73.042	17.993	166.485	29089.547	33584.332	21.211	22837.348
34.377	1.015	14.881						
11/23/2016 8:40:00 AM	643200.000	73.034	17.993	166.467	29067.699	33559.238	21.194	22820.283
34.402	1.015	14.884						
11/23/2016 8:45:00 AM	643500.000	73.031	17.993	166.460	29072.068	33563.832	21.197	22823.408
34.397	1.015	14.886						
11/23/2016 8:50:00 AM	643800.000	73.033	17.993	166.464	29098.223	33594.156	21.218	22844.029
34.366	1.015	14.887						
11/23/2016 8:55:00 AM	644100.000	73.037	17.993	166.473	29081.277	33574.539	21.205	22830.688
34.386	1.015	14.887						
11/23/2016 9:00:00 AM	644400.000	73.036	17.993	166.472	29100.779	33597.109	21.220	22846.037
34.363	1.015	14.887						
11/23/2016 9:05:00 AM	644700.000	73.035	17.993	166.468	29092.248	33587.129	21.213	22839.248
34.373	1.015	14.889						
11/23/2016 9:10:00 AM	645000.000	73.037	17.993	166.474	29094.076	33589.371	21.215	22840.775
34.371	1.015	14.890						
11/23/2016 9:15:00 AM	645300.000	73.032	17.993	166.463	29081.383	33574.852	21.205	22830.900
34.386	1.015	14.892						
11/23/2016 9:20:00 AM	645600.000	73.037	17.993	166.473	29096.533	33592.078	21.217	22842.615
34.368	1.015	14.892						
11/23/2016 9:25:00 AM	645900.000	73.017	17.993	166.427	29074.064	33566.332	21.199	22825.105
34.395	1.015	14.893						
11/23/2016 9:30:00 AM	646200.000	73.034	17.993	166.467	29087.240	33581.348	21.209	22835.318
34.379	1.015	14.893						
11/23/2016 9:35:00 AM	646500.000	73.014	17.993	166.421	29082.525	33576.172	21.206	22831.799
34.385	1.015	14.892						
11/23/2016 9:40:00 AM	646800.000	73.028	17.993	166.453	29097.266	33593.121	21.217	22843.322
34.367	1.015	14.890						
11/23/2016 9:45:00 AM	647100.000	73.014	17.993	166.421	29076.082	33568.859	21.201	22826.826
34.393	1.015	14.888						
11/23/2016 9:50:00 AM	647400.000	73.033	17.993	166.466	29072.582	33564.621	21.198	22823.943
34.397	1.015	14.890						
11/23/2016 9:55:00 AM	647700.000	73.032	17.993	166.463	29092.002	33586.785	21.213	22839.014
34.374	1.015	14.892						
11/23/2016 10:00:00 AM	648000.000	73.029	17.993	166.456	29094.072	33589.559	21.215	22840.902
34.371	1.015	14.894						
11/23/2016 10:05:00 AM	648300.000	73.022	17.993	166.440	29083.184	33576.738	21.206	22832.182
34.384	1.015	14.897						
11/23/2016 10:10:00 AM	648600.000	73.023	17.993	166.441	29090.797	33585.719	21.212	22838.289
34.375	1.015	14.901						
11/23/2016 10:15:00 AM	648900.000	73.017	17.993	166.428	29089.945	33584.793	21.212	22837.662
34.376	1.015	14.905						
11/23/2016 10:20:00 AM	649200.000	73.000	17.993	166.390	29079.045	33572.016	21.203	22828.973
34.389	1.015	14.903						
11/23/2016 10:25:00 AM	649500.000	73.011	17.993	166.415	29076.568	33569.293	21.201	22827.119
34.392	1.015	14.902						
11/23/2016 10:30:00 AM	649800.000	73.012	17.994	166.416	29075.170	33567.223	21.199	22825.713
34.394	1.015	14.900						
11/23/2016 10:35:00 AM	650100.000	73.016	17.993	166.426	29074.035	33565.977	21.199	22824.867
34.395	1.015	14.901						
11/23/2016 10:40:00 AM	650400.000	73.016	17.993	166.427	29096.260	33591.836	21.217	22842.451
34.389	1.015	14.901						
11/23/2016 10:45:00 AM	650700.000	73.012	17.993	166.416	29085.682	33579.816	21.208	22834.275
34.381	1.015	14.901						
11/23/2016 10:50:00 AM	651000.000	73.008	17.993	166.409	29079.725	33572.672	21.203	22829.418
34.388	1.015	14.900						
11/23/2016 10:55:00 AM	651300.000	73.012	17.993	166.417	29079.125	33571.980	21.203	22828.949
34.389	1.015	14.899						
11/23/2016 11:00:00 AM	651600.000	72.988	17.993	166.362	29083.432	33577.082	21.206	22832.416
34.384	1.015	14.897						
11/23/2016 11:05:00 AM	651900.000	73.007	17.993	166.406	29084.918	33578.605	21.207	22833.453
34.382	1.015	14.897						
11/23/2016 11:10:00 AM	652200.000	73.006	17.993	166.403	29086.188	33580.133	21.208	22834.492
34.381	1.015	14.897						
11/23/2016 11:15:00 AM	652500.000	73.001	17.993	166.392	29084.332	33577.992	21.207	22833.037
34.383	1.015	14.896						
11/23/2016 11:20:00 AM	652800.000	72.984	17.993	166.352	29064.707	33555.211	21.191	22817.545
34.406	1.015	14.894						
11/23/2016 11:25:00 AM	653100.000	72.998	17.993	166.384	29079.898	33573.387	21.204	22829.902
34.388	1.015	14.893						
11/23/2016 11:30:00 AM	653400.000	73.002	17.993	166.394	29092.482	33587.531	21.214	22839.523
34.373	1.015	14.891						
11/23/2016 11:35:00 AM	653700.000	72.982	17.993	166.348	29080.730	33573.832	21.204	22830.205
34.387	1.015	14.891						
11/23/2016 11:40:00 AM	654000.000	72.998	17.993	166.385	29078.580	33571.801	21.203	22828.824
34.390	1.015	14.891						
11/23/2016 11:45:00 AM	654300.000	72.974	17.993	166.331	29077.400	33570.438	21.202	22827.900
34.391	1.015	14.891						
11/23/2016 11:50:00 AM	654600.000	72.992	17.993	166.372	29100.723	33596.852	21.220	22845.859
34.363	1.015	14.890						
11/23/2016 11:55:00 AM	654900.000	72.989	17.994	166.365	29092.248	33586.879	21.213	22839.078
34.373	1.015	14.890						
11/23/2016 12:00:00 PM	655200.000	72.984	17.993	166.352	29094.758	33590.156	21.215	22841.309
34.370	1.015	14.890						
11/23/2016 12:05:00 PM	655500.000	72.986	17.993	166.358	29075.529	33568.148	21.200	22826.344
34.393	1.015	14.889						
11/23/2016 12:10:00 PM	655800.000	72.983	17.993	166.350	29079.020	33572.445	21.203	22829.266
34.389	1.015	14.887						
11/23/2016 12:15:00 PM	656100.000	72.983	17.993	166.351	29065.707	33556.754	21.192	22818.594
34.405	1.015	14.886						
11/23/2016 12:20:00 PM	656400.000	72.979	17.993	166.342	29069.516	33561.281	21.195	22821.672
34.400	1.015	14.885						
11/23/2016 12:25:00 PM	656700.000	72.982	17.993	166.349	29093.201	33588.105	21.214	22839.912
34.372	1.015	14.884						
11/23/2016 12:30:00 PM	657000.000	72.979	17.993	166.342	29084.984	33579.008	21.208	22833.725
34.382	1.015	14.883						
11/23/2016 12:35:00 PM	657300.000	72.975	17.993	166.333	29106.615	33603.848	21.225	22850.619
34.356	1.015	14.881						
11/23/2016 12:40:00 PM	657600.000	72.978	17.993	166.339	29068.014	33559.348	21.194	22820.357
34.402	1.015	14.880						

34.365	1.015	14.876					
11/23/2016 12:55:00 PM	658500.000	72.972	17.993	166.326	29086.691	33580.844	21.209
34.380	1.015	14.875					22834.977
11/23/2016 1:00:00 PM	658800.000	72.975	17.993	166.333	29082.455	33576.090	21.206
34.385	1.015	14.873					22831.744
11/23/2016 1:05:00 PM	659100.000	72.970	17.993	166.322	29095.484	33591.188	21.216
34.370	1.015	14.874					22842.008
11/23/2016 1:10:00 PM	659400.000	72.968	17.993	166.317	29089.750	33584.641	21.212
34.376	1.015	14.875					22837.557
11/23/2016 1:15:00 PM	659700.000	72.960	17.993	166.298	29105.475	33602.531	21.224
34.358	1.015	14.876					22849.723
11/23/2016 1:20:00 PM	660000.000	72.962	17.994	166.302	29096.357	33591.625	21.216
34.369	1.015	14.874					22842.307
11/23/2016 1:25:00 PM	660300.000	72.967	17.993	166.314	29097.500	33593.516	21.218
34.367	1.015	14.873					22843.594
11/23/2016 1:30:00 PM	660600.000	72.958	17.993	166.293	29095.766	33591.129	21.216
34.369	1.015	14.871					22841.971
11/23/2016 1:35:00 PM	660900.000	72.940	17.993	166.253	29085.006	33579.219	21.208
34.382	1.015	14.871					22833.869
11/23/2016 1:40:00 PM	661200.000	72.958	17.993	166.293	29091.451	33586.660	21.213
34.374	1.015	14.872					22838.930
11/23/2016 1:45:00 PM	661500.000	72.955	17.993	166.287	29074.424	33566.488	21.199
34.394	1.015	14.873					22825.215
11/23/2016 1:50:00 PM	661800.000	72.960	17.994	166.298	29077.418	33569.816	21.201
34.391	1.015	14.874					22827.477
11/23/2016 1:55:00 PM	662100.000	72.949	17.993	166.274	29098.998	33594.859	21.219
34.365	1.015	14.876					22844.506
11/23/2016 2:00:00 PM	662400.000	72.949	17.993	166.273	29076.170	33569.082	21.201
34.392	1.015	14.877					22826.977
11/23/2016 2:05:00 PM	662700.000	72.946	17.993	166.266	29088.045	33582.352	21.210
34.378	1.015	14.878					22836.000
11/23/2016 2:10:00 PM	663000.000	72.946	17.993	166.266	29074.982	33567.711	21.200
34.394	1.015	14.878					22826.045
11/23/2016 2:15:00 PM	663300.000	72.928	17.993	166.225	29091.051	33585.684	21.212
34.375	1.015	14.879					22838.266
11/23/2016 2:20:00 PM	663600.000	72.946	17.993	166.267	29094.621	33590.066	21.215
34.371	1.015	14.877					22841.248
11/23/2016 2:25:00 PM	663900.000	72.945	17.993	166.265	29078.434	33571.504	21.202
34.390	1.015	14.876					22828.625
11/23/2016 2:30:00 PM	664200.000	72.947	17.993	166.268	29087.295	33581.539	21.209
34.379	1.015	14.874					22835.449
11/23/2016 2:35:00 PM	664500.000	72.946	17.993	166.266	29080.678	33574.039	21.204
34.387	1.015	14.873					22830.350
11/23/2016 2:40:00 PM	664800.000	72.931	17.993	166.232	29083.434	33577.027	21.206
34.384	1.015	14.872					22832.381
11/23/2016 2:45:00 PM	665100.000	72.929	17.993	166.227	29085.740	33579.691	21.208
34.381	1.015	14.870					22834.189
11/23/2016 2:50:00 PM	665400.000	72.953	17.993	166.283	29103.283	33600.320	21.222
34.360	1.015	14.871					22848.219
11/23/2016 2:55:00 PM	665700.000	72.949	17.993	166.273	29089.289	33584.164	21.211
34.377	1.015	14.871					22837.232
11/23/2016 3:00:00 PM	666000.000	72.945	17.994	166.265	29084.775	33578.254	21.207
34.382	1.015	14.872					22833.213
11/23/2016 3:05:00 PM	666300.000	72.945	17.993	166.264	29081.813	33575.020	21.205
34.386	1.015	14.872					22831.014
11/23/2016 3:10:00 PM	666600.000	72.951	17.994	166.279	29080.635	33573.402	21.204
34.387	1.015	14.873					22829.916
11/23/2016 3:15:00 PM	666900.000	72.944	17.993	166.261	29086.789	33580.957	21.209
34.380	1.015	14.874					22835.053
11/23/2016 3:20:00 PM	667200.000	72.948	17.993	166.271	29068.863	33560.070	21.194
34.401	1.015	14.874					22820.848
11/23/2016 3:25:00 PM	667500.000	72.944	17.993	166.262	29097.664	33593.703	21.218
34.367	1.015	14.874					22843.719
11/23/2016 3:30:00 PM	667800.000	72.947	17.993	166.269	29099.316	33595.555	21.219
34.365	1.015	14.875					22844.979
11/23/2016 3:35:00 PM	668100.000	72.944	17.993	166.262	29089.336	33583.844	21.211
34.377	1.015	14.874					22837.016
11/23/2016 3:40:00 PM	668400.000	72.943	17.993	166.259	29079.025	33571.801	21.203
34.389	1.015	14.873					22828.824
11/23/2016 3:45:00 PM	668700.000	72.949	17.993	166.274	29091.615	33586.598	21.213
34.374	1.015	14.872					22838.889
11/23/2016 3:50:00 PM	669000.000	72.949	17.993	166.274	29080.172	33573.262	21.204
34.388	1.015	14.871					22829.818
11/23/2016 3:55:00 PM	669300.000	72.951	17.993	166.278	29090.701	33585.344	21.212
34.375	1.015	14.871					22838.033
11/23/2016 4:00:00 PM	669600.000	72.929	17.993	166.227	29089.744	33584.504	21.211
34.376	1.015	14.871					22837.463
11/23/2016 4:05:00 PM	669900.000	72.950	17.993	166.275	29090.150	33584.836	21.212
34.376	1.015	14.872					22837.689
11/23/2016 4:10:00 PM	670200.000	72.953	17.993	166.283	29093.209	33588.438	21.214
34.372	1.015	14.873					22840.139
11/23/2016 4:15:00 PM	670500.000	72.946	17.993	166.266	29081.637	33575.145	21.205
34.386	1.015	14.874					22831.098
11/23/2016 4:20:00 PM	670800.000	72.950	17.994	166.275	29096.719	33591.969	21.217
34.368	1.015	14.874					22842.541
11/23/2016 4:25:00 PM	671100.000	72.951	17.993	166.277	29088.842	33583.520	21.211
34.377	1.015	14.874					22836.793
11/23/2016 4:30:00 PM	671400.000	72.931	17.993	166.233	29100.137	33596.559	21.220
34.364	1.015	14.874					22845.662
11/23/2016 4:35:00 PM	671700.000	72.951	17.993	166.279	29097.580	33593.359	21.218
34.367	1.015	14.871					22843.484
11/23/2016 4:40:00 PM	672000.000	72.958	17.993	166.293	29086.508	33580.699	21.219
34.380	1.015	14.869					22834.877
11/23/2016 4:45:00 PM	672300.000	72.960	17.993	166.298	29104.484	33601.770	21.223
34.359	1.015	14.866					22849.205
11/23/2016 4:50:00 PM	672600.000	72.956	17.993	166.290	29091.652	33586.379	21.213
34.374	1.015	14.869					22838.740
11/23/2016 4:55:00 PM	672900.000	72.958	17.993	166.293	29086.041	33580.551	21.209
34.381	1.015	14.872					22834.775
11/23/2016 5:00:00 PM	673200.000	72.959	17.993	166.296	29085.689	33579.559	21.208
34.381	1.015	14.875					22834.102
11/23/2016 5:05:00 PM	673500.000	72.954	17.993	166.285	29107.344	33604.559	21.225
34.356	1.015	14.876					22851.102
11/23/2016 5:10:00 PM	673800.000	72.959	17.993	166.297	29098.686	33594.883	21.219
34.366	1.015	14.876					22844.523
11/23/2016 5:15:00 PM	674100.000	72.961	17.993	166.301	29079.633	33572.887	21.203
34.388	1.015	14.877					22829.563
11/23/2016 5:20:00 PM	674400.000	72.959	17.993	166.295	29093.707	33589.082	21.215
34.372	1.015	14.877					22840.578
11/23/2016 5:25:00 PM	674700.000	72.962	17.993	166.304	29083.373	33577.398	21.207
34.384	1.015	14.877					22832.633
11/23/2016 5:30:00 PM	675000.000	72.963	17.993	166.306	29099.371	33595.551	21.219
34.365	1.015	14.877					22844.977
11/23/2016 5:35:00 PM	675300.000	72.965	17.993	166.311	29091.932	33587.031	21.213
34.374	1.015	14.878					22839.182
11/23/2016 5:40:00 PM	675600.000	72.961	17.993	166.300	29101.928	33598.180	21.221
34.362	1.015	14.879					22846.764
11/23/2016 5:45:00 PM	675900.000	72.966	17.993	166.312	29091.854	33586.805	21.213
34.374	1.015	14.879					22839.029
11/23/2016 5:50:00 PM	676200.000	72.970	17.993	166.321	29095.809	33591.316	21.216
34.369	1.015	14.880					22842.096
11/23/2016 5:55:00 PM	676500.000	72.967	17.993	166.314	29098.412	33594.441	21.218
34.366	1.015	14.881					22844.221
11/23/2016 6:00:00 PM	676800.000	72.967	17.993	166.314	29085.877	33580.039	21.208
34.381	1.015	14.882					22834.430
11/23/2016 6:05:00 PM	677100.000	72.969	17.993	166.319	29097.713	33593.438	21.218
34.367	1.015	14.882					22843.539
11/23/2016 6:10:00 PM	677400.000	72.973	17.993	166.329	29100.727	33596.992	21.220
34.363	1.015	14.882					22845.957
11/23/2016 6:15:00 PM	677700.000	72.973	17.993	166.327	29104.289	33601.297	21.223
34.359	1.015	14.881					22848.885
11/23/2016 6:20:00 PM	678000.000	72.975	17.993	166.333	29081.988	33575.414	21.205
34.386	1.015	14.883					22831.281

11/23/2016 6:25:00 PM	678300.000	72.973	17.993	166.328	29081.430	33574.906	21.205	22830.936
34.386	1.015	14.886						
11/23/2016 6:30:00 PM	678600.000	72.971	17.993	166.323	29087.965	33582.121	21.210	22835.842
34.378	1.015	14.888						
11/23/2016 6:35:00 PM	678900.000	72.971	17.993	166.323	29090.953	33585.957	21.212	22838.451
34.375	1.015	14.888						
11/23/2016 6:40:00 PM	679200.000	72.977	17.993	166.337	29097.170	33592.750	21.217	22843.070
34.368	1.015	14.887						
11/23/2016 6:45:00 PM	679500.000	72.975	17.994	166.333	29101.553	33597.621	21.221	22846.385
34.362	1.015	14.886						
11/23/2016 6:50:00 PM	679800.000	72.981	17.993	166.346	29068.723	33599.906	21.194	22820.738
34.401	1.015	14.887						
11/23/2016 6:55:00 PM	680100.000	72.981	17.993	166.346	29094.006	33589.098	21.215	22840.588
34.371	1.015	14.888						
11/23/2016 7:00:00 PM	680400.000	72.986	17.993	166.358	29098.867	33595.094	21.219	22844.666
34.366	1.015	14.889						
11/23/2016 7:05:00 PM	680700.000	72.980	17.993	166.343	29100.523	33596.813	21.220	22845.832
34.364	1.015	14.888						
11/23/2016 7:10:00 PM	681000.000	72.987	17.993	166.359	29093.674	33589.098	21.215	22840.588
34.372	1.015	14.887						
11/23/2016 7:15:00 PM	681300.000	72.982	17.993	166.349	29092.941	33588.004	21.214	22839.846
34.373	1.015	14.886						
11/23/2016 7:20:00 PM	681600.000	72.987	17.993	166.359	29093.605	33588.770	21.214	22840.365
34.372	1.015	14.888						
11/23/2016 7:25:00 PM	681900.000	72.987	17.994	166.361	29084.189	33577.441	21.207	22832.660
34.383	1.015	14.890						
11/23/2016 7:30:00 PM	682200.000	72.983	17.993	166.350	29095.305	33590.789	21.216	22841.738
34.370	1.015	14.891						
11/23/2016 7:35:00 PM	682500.000	72.985	17.993	166.309	29090.525	33585.461	21.212	22838.113
34.375	1.015	14.891						
11/23/2016 7:40:00 PM	682800.000	72.982	17.993	166.349	29096.443	33592.047	21.217	22842.592
34.368	1.015	14.892						
11/23/2016 7:45:00 PM	683100.000	72.981	17.994	166.346	29103.178	33599.555	21.222	22847.697
34.361	1.015	14.892						
11/23/2016 7:50:00 PM	683400.000	72.986	17.993	166.359	29077.684	33570.637	21.202	22828.033
34.391	1.015	14.891						
11/23/2016 7:55:00 PM	683700.000	72.984	17.993	166.352	29094.758	33590.027	21.215	22841.219
34.370	1.015	14.891						
11/23/2016 8:00:00 PM	684000.000	72.986	17.993	166.358	29094.260	33589.582	21.215	22840.918
34.371	1.015	14.891						
11/23/2016 8:05:00 PM	684300.000	72.988	17.993	166.362	29091.344	33586.215	21.213	22838.629
34.374	1.015	14.893						
11/23/2016 8:10:00 PM	684600.000	72.983	17.994	166.351	29093.715	33588.504	21.214	22840.186
34.372	1.015	14.894						
11/23/2016 8:15:00 PM	684900.000	72.981	17.993	166.347	29090.887	33585.496	21.212	22838.139
34.375	1.015	14.896						
11/23/2016 8:20:00 PM	685200.000	72.982	17.993	166.347	29098.918	33595.098	21.219	22844.668
34.366	1.015	14.894						
11/23/2016 8:25:00 PM	685500.000	72.989	17.993	166.364	29078.924	33571.875	21.203	22828.877
34.389	1.015	14.893						
11/23/2016 8:30:00 PM	685800.000	72.987	17.993	166.360	29106.705	33604.086	21.225	22850.781
34.356	1.015	14.891						
11/23/2016 8:35:00 PM	686100.000	72.989	17.993	166.364	29093.000	33588.320	21.214	22840.059
34.373	1.015	14.893						
11/23/2016 8:40:00 PM	686400.000	72.989	17.993	166.320	29080.045	33573.238	21.204	22829.803
34.388	1.015	14.894						
11/23/2016 8:45:00 PM	686700.000	72.986	17.993	166.358	29090.496	33584.984	21.212	22837.789
34.375	1.015	14.895						
11/23/2016 8:50:00 PM	687000.000	72.989	17.993	166.364	29086.195	33580.078	21.208	22834.453
34.381	1.015	14.894						
11/23/2016 8:55:00 PM	687300.000	72.988	17.993	166.361	29089.547	33584.277	21.211	22837.309
34.377	1.015	14.893						
11/23/2016 9:00:00 PM	687600.000	72.970	17.993	166.322	29089.426	33583.746	21.211	22836.949
34.377	1.015	14.892						
11/23/2016 9:05:00 PM	687900.000	72.965	17.993	166.310	29099.566	33595.652	21.219	22845.043
34.365	1.015	14.892						
11/23/2016 9:10:00 PM	688200.000	72.989	17.993	166.364	29101.641	33598.047	21.221	22846.672
34.362	1.015	14.893						
11/23/2016 9:15:00 PM	688500.000	72.984	17.993	166.353	29073.418	33565.465	21.198	22824.516
34.396	1.015	14.893						
11/23/2016 9:20:00 PM	688800.000	72.983	17.993	166.351	29092.150	33587.148	21.213	22839.262
34.374	1.015	14.895						
11/23/2016 9:25:00 PM	689100.000	72.981	17.993	166.347	29087.846	33581.922	21.210	22835.709
34.379	1.015	14.897						
11/23/2016 9:30:00 PM	689400.000	72.976	17.993	166.335	29089.994	33584.656	21.212	22837.568
34.376	1.015	14.898						
11/23/2016 9:35:00 PM	689700.000	72.983	17.993	166.350	29078.922	33571.621	21.203	22828.705
34.389	1.015	14.898						
11/23/2016 9:40:00 PM	690000.000	72.979	17.993	166.341	29095.109	33590.828	21.216	22841.764
34.370	1.015	14.898						
11/23/2016 9:45:00 PM	690300.000	72.979	17.993	166.341	29088.561	33583.195	21.211	22836.572
34.378	1.015	14.899						
11/23/2016 9:50:00 PM	690600.000	72.976	17.993	166.335	29085.643	33579.504	21.208	22834.064
34.381	1.015	14.898						
11/23/2016 9:55:00 PM	690900.000	72.977	17.993	166.337	29095.078	33590.594	21.216	22841.604
34.370	1.015	14.897						
11/23/2016 10:00:00 PM	691200.000	72.979	17.993	166.342	29077.928	33570.918	21.202	22828.227
34.390	1.015	14.896						
11/23/2016 10:05:00 PM	691500.000	72.955	17.993	166.287	29093.707	33588.945	21.215	22840.482
34.372	1.015	14.898						
11/23/2016 10:10:00 PM	691800.000	72.968	17.993	166.317	29103.131	33600.090	21.222	22848.063
34.361	1.015	14.900						
11/23/2016 10:15:00 PM	692100.000	72.972	17.993	166.325	29102.531	33598.879	21.221	22847.238
34.361	1.015	14.903						
11/23/2016 10:20:00 PM	692400.000	72.967	17.993	166.314	29061.006	33551.133	21.188	22814.771
34.410	1.015	14.902						
11/23/2016 10:25:00 PM	692700.000	72.963	17.993	166.305	29091.650	33586.516	21.213	22838.830
34.374	1.015	14.901						
11/23/2016 10:30:00 PM	693000.000	72.971	17.993	166.323	29104.080	33600.727	21.223	22848.496
34.359	1.015	14.900						
11/23/2016 10:35:00 PM	693300.000	72.971	17.993	166.323	29087.994	33582.348	21.210	22835.996
34.378	1.015	14.900						
11/23/2016 10:40:00 PM	693600.000	72.965	17.993	166.310	29083.383	33577.090	21.206	22832.422
34.384	1.015	14.900						
11/23/2016 10:45:00 PM	693900.000	72.967	17.993	166.314	29093.910	33589.121	21.215	22840.605
34.371	1.015	14.900						
11/23/2016 10:50:00 PM	694200.000	72.966	17.993	166.313	29084.094	33578.035	21.207	22833.064
34.383	1.015	14.902						
11/23/2016 10:55:00 PM	694500.000	72.961	17.993	166.301	29086.066	33580.258	21.209	22834.578
34.381	1.015	14.903						
11/23/2016 11:00:00 PM	694800.000	72.961	17.994	166.300	29069.461	33560.629	21.195	22821.230
34.400	1.015	14.905						
11/23/2016 11:05:00 PM	695100.000	72.957	17.994	166.291	29075.482	33567.582	21.200	22825.957
34.383	1.015	14.905						
11/23/2016 11:10:00 PM	695400.000	72.951	17.993	166.279	29098.045	33593.953	21.218	22843.889
34.367	1.015	14.906						
11/23/2016 11:15:00 PM	695700.000	72.949	17.994	166.274	29100.551	33596.523	21.220	22845.639
34.364	1.015	14.907						
11/23/2016 11:20:00 PM	696000.000	72.932	17.994	166.236	29092.543	33587.223	21.213	22839.314
34.373	1.015	14.906						
11/23/2016 11:25:00 PM	696300.000	72.934	17.993	166.238	29082.449	33576.082	21.206	22831.738
34.385	1.015	14.905						
11/23/2016 11:30:00 PM	696600.000	72.948	17.993	166.270	29081.031	33574.254	21.204	22830.494
34.387	1.015	14.904						
11/23/2016 11:35:00 PM	696900.000	72.949	17.993	166.274	29089.703	33584.641	21.212	22837.557
34.376	1.015	14.904						
11/23/2016 11:40:00 PM	697200.000	72.945	17.993	166.265	29084.996	33578.832	21.208	22833.607
34.382	1.015	14.905						
11/23/2016 11:45:00 PM	697500.000	72.						

Report Date: 11/28/2016 8:33:24 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_2016-11-24_16-44-46-299-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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: 0 mins: 05 secs: 00

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

Other Log Settings
Depth of Probe: 60.5924 (ft)
Head Pressure: 26.5837 (PSI)
Temperature: 17.6319 (C)

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

TDS Factor: 0.68

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: 2/1/2016 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: 3/1/2016 12:00:00 PM 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: 4/28/2016 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: 5/2/2016 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 10:10:00 AM
7/28/2016 9:05:25 PM	Log Download - Used Battery: 53% Used Memory: 100% User Name: Skuiper Interval - Start 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
11/28/2016 8:32:02 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotrol_2016-11-24_16-52-35-675.wsl"

Log Data:
Record Count: 2527

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

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)
SN#: 399147		Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) SN#: 399147
Date and Time (ppm)	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
Resistivity (ohm-cm)		Water Density (g/cm3)	Barometric Pressure (PSI)					
11/17/2016 12:00:00 AM	93600.000	12.258	17.690	27.941	5966.092	6934.270	3.842	4715.303
167.614	1.002	14.771	17.690	27.951	5970.200	6939.017	3.845	4718.532
11/17/2016 12:05:00 AM	93900.000	12.263	17.690	27.951	5970.200	6939.017	3.845	4718.532
167.499	1.002	14.773	17.690	27.937	5974.554	6944.050	3.847	4721.954
11/17/2016 12:10:00 AM	94200.000	12.257	17.690	27.937	5974.554	6944.050	3.847	4721.954
167.377	1.002	14.774	17.690	27.946	5977.269	6947.247	3.849	4724.128
11/17/2016 12:15:00 AM	94500.000	12.261	17.690	27.946	5977.269	6947.247	3.849	4724.128
167.300	1.002	14.775	17.690	27.948	5981.175	6951.678	3.852	4727.142
11/17/2016 12:20:00 AM	94800.000	12.261	17.691	27.948	5981.175	6951.678	3.852	4727.142
167.191	1.002	14.775	17.690	27.938	5983.536	6954.544	3.854	4729.090
11/17/2016 12:25:00 AM	95100.000	12.257	17.690	27.938	5983.536	6954.544	3.854	4729.090
167.125	1.002	14.775	17.690	27.939	5986.735	6958.250	3.856	4731.610
11/17/2016 12:30:00 AM	95400.000	12.257	17.690	27.939	5986.735	6958.250	3.856	4731.610
167.036	1.002	14.775	17.690	27.943	5991.886	6964.237	3.859	4735.682
11/17/2016 12:35:00 AM	95700.000	12.259	17.690	27.943	5991.886	6964.237	3.859	4735.682
166.892	1.002	14.775	17.690	27.956	5994.947	6967.711	3.862	4738.044
11/17/2016 12:40:00 AM	96000.000	12.265	17.691	27.956	5994.947	6967.711	3.862	4738.044
166.807	1.002	14.774	17.690	27.950	5996.944	6970.087	3.863	4739.660
11/17/2016 12:45:00 AM	96300.000	12.262	17.690	27.950	5996.944	6970.087	3.863	4739.660
166.752	1.002	14.774	17.690	27.948	6000.604	6974.315	3.865	4742.535
11/17/2016 12:50:00 AM	96600.000	12.262	17.690	27.948	6000.604	6974.315	3.865	4742.535
166.650	1.002	14.773	17.690	27.964	6003.012	6977.059	3.867	4744.400
11/17/2016 12:55:00 AM	96900.000	12.258	17.691	27.964	6003.012	6977.059	3.867	4744.400
166.583	1.002	14.771	17.690	27.949	6005.307	6979.781	3.869	4746.251
11/17/2016 1:00:00 AM	97200.000	12.262	17.690	27.949	6005.307	6979.781	3.869	4746.251
166.519	1.002	14.770	17.690	27.960	6006.992	6981.806	3.870	4747.629
11/17/2016 1:05:00 AM	97500.000	12.257	17.690	27.960	6006.992	6981.806	3.870	4747.629
166.473	1.002	14.771	17.690	27.954	6010.367	6985.662	3.872	4750.250
11/17/2016 1:10:00 AM	97800.000	12.264	17.690	27.954	6010.367	6985.662	3.872	4750.250
166.379	1.002	14.771	17.690	27.944	6011.825	6987.328	3.873	4751.383
11/17/2016 1:15:00 AM	98100.000	12.260	17.691	27.944	6011.825	6987.328	3.873	4751.383
166.339	1.002	14.772	17.691	27.949	6014.419	6990.276	3.875	4753.388
11/17/2016 1:20:00 AM	98400.000	12.262	17.691	27.949	6014.419	6990.276	3.875	4753.388
166.267	1.002	14.771	17.690	27.957	6015.837	6992.033	3.876	4754.583
11/17/2016 1:25:00 AM	98700.000	12.266	17.690	27.957	6015.837	6992.033	3.876	4754.583
166.228	1.002	14.770	17.690	27.957	6016.644	6993.012	3.876	4755.248
11/17/2016 1:30:00 AM	99000.000	12.266	17.690	27.957	6016.644	6993.012	3.876	4755.248
166.206	1.002	14.769	17.690	27.951	6021.807	6998.985	3.880	4759.310
11/17/2016 1:35:00 AM	99300.000	12.263	17.690	27.951	6021.807	6998.985	3.880	4759.310
166.063	1.002	14.769	17.690	27.964	6020.999	6998.101	3.880	4758.709
11/17/2016 1:40:00 AM	99600.000	12.269	17.690	27.964	6020.999	6998.101	3.880	4758.709
166.085	1.002	14.770	17.690	27.956	6023.473	7000.908	3.881	4760.617
11/17/2016 1:45:00 AM	99900.000	12.265	17.690	27.956	6023.473	7000.908	3.881	4760.617
166.017	1.002	14.770	17.690	27.951	6025.738	7003.514	3.883	4762.389
11/17/2016 1:50:00 AM	100200.000	12.263	17.690	27.951	6025.738	7003.514	3.883	4762.389
165.955	1.002	14.772	17.690	27.965	6026.735	7004.658	3.883	4763.168
11/17/2016 1:55:00 AM	100500.000	12.269	17.691	27.965	6026.735	7004.658	3.883	4763.168
165.927	1.002	14.773	17.690	27.965	6028.683	7007.032	3.885	4764.782
11/17/2016 2:00:00 AM	100800.000	12.269	17.690	27.965	6028.683	7007.032	3.885	4764.782
165.874	1.002	14.774	17.690	27.964	6029.303	7007.684	3.885	4765.226
11/17/2016 2:05:00 AM	101100.000	12.269	17.690	27.964	6029.303	7007.684	3.885	4765.226
165.857	1.002	14.776	17.690	27.948	6031.242	7010.006	3.887	4766.804
11/17/2016 2:10:00 AM	101400.000	12.262	17.690	27.948	6031.242	7010.006	3.887	4766.804
165.803	1.002	14.777	17.690	27.951	6032.573	7011.539	3.887	4767.847
11/17/2016 2:15:00 AM	101700.000	12.263	17.690	27.951	6032.573	7011.539	3.887	4767.847
165.767	1.002	14.779	17.690	27.949	6034.018	7013.110	3.888	4768.915
11/17/2016 2:20:00 AM	102000.000	12.262	17.691	27.949	6034.018	7013.110	3.888	4768.915
165.727	1.002	14.777	17.690	27.953	6034.875	7014.159	3.889	4769.628
11/17/2016 2:25:00 AM	102300.000	12.264	17.690	27.953	6034.875	7014.159	3.889	4769.628
165.704	1.002	14.776	17.690	27.961	6035.719	7015.155	3.890	4770.306
11/17/2016 2:30:00 AM	102600.000	12.267	17.690	27.961	6035.719	7015.155	3.890	4770.306
165.680	1.002	14.774	17.690	27.975	6037.005	7016.610	3.890	4771.295
11/17/2016 2:35:00 AM	102900.000	12.273	17.690	27.975	6037.005	7016.610	3.890	4771.295
165.645	1.002	14.771	17.690	27.979	6038.088	7017.868	3.891	4772.150
11/17/2016 2:40:00 AM	103200.000	12.275	17.690	27.979	6038.088	7017.868	3.891	4772.150
165.615	1.002	14.769	17.690	27.989	6038.622	7018.473	3.892	4772.562
11/17/2016 2:45:00 AM	103500.000	12.279	17.691	27.989	6038.622	7018.473	3.892	4772.562
165.601	1.002	14.766	17.690	27.979	6040.385	7020.564	3.893	4773.984
11/17/2016 2:50:00 AM	103800.000	12.275	17.690	27.979	6040.385	7020.564	3.893	4773.984
165.552	1.002	14.767	17.690	27.984	6040.238	7020.367	3.893	4773.850
11/17/2016 2:55:00 AM	104100.000	12.277	17.690	27.984	6040.238	7020.367	3.893	4773.850
165.556	1.002	14.769	17.690	27.981	6041.638	7022.021	3.894	4774.974
11/17/2016 3:00:00 AM	104400.000	12.276	17.690	27.981	6041.638	7022.021	3.894	4774.974
165.518	1.002	14.770	17.690	27.965	6043.155	7023.742	3.895	4776.145
11/17/2016 3:05:00 AM	104700.000	12.269	17.691	27.965	6043.155	7023.742	3.895	4776.145
165.476	1.002	14.772	17.690	27.973	6043.207	7023.885	3.895	4776.242
11/17/2016 3:10:00 AM	105000.000	12.273	17.690	27.973	6043.207	7023.885	3.895	4776.242
165.475	1.002	14.773	17.690	27.960	6043.739	7024.489	3.895	4776.653
11/17/2016 3:15:00 AM	105300.000	12.267	17.690	27.960	6043.739	7024.489	3.895	4776.653
165.460	1.002	14.775	17.691	27.970	6043.917	7024.628	3.895	4776.747
11/17/2016 3:20:00 AM	105600.000	12.271	17.691	27.970	6043.917	7024.628	3.895	4776.747
165.456	1.002	14.775	17.690	27.975	6045.466	7026.457	3.896	4777.991
11/17/2016 3:25:00 AM	105900.000	12.273	17.690	27.975	6045.466	7026.457	3.896	4777.991
165.413	1.002	14.776	17.690	27.973	6046.623	7027.772	3.897	4778.885
11/17/2016 3:30:00 AM	106200.000	12.272	17.691	27.973	6046.623	7027.772	3.897	4778.885
165.382	1.002	14.776	17.690	27.978	6046.565	7027.747	3.897	4778.868
11/17/2016 3:35:00 AM	106500.000	12.275	17.690	27.978	6046.565	7027.747	3.897	4778.868
165.383	1.002	14.774	17.690	27.982	6047.152	7028.388	3.897	4779.304
11/17/2016 3:40:00 AM	106800.000	12.277	17.691	27.982	6047.152	7028.388	3.897	4779.304
165.367	1.002	14.773	17.691	27.983	6046.661	7027.791	3.897	4778.898
11/17/2016 3:45:00 AM	107100.000	12.277	17.691	27.983	6046.661	7027.791	3.897	4778.898
165.361	1.002	14.771	17.690	27.977	6048.898	7030.417	3.899	4780.684
11/17/2016 3:50:00 AM	107400.000	12.274	17.691	27.977	6048.898	7030.417	3.899	4780.684
165.319	1.002	14.770	17.691	27.989	6048.418	7029.820	3.898	4780.278
11/17/2016 3:55:00 AM	107700.000	12.280	17.691	27.989	6048.418	7029.820	3.898	4780.278
165.332	1.002	14.768	17.691	27.992	6049.572	7031.200	3.899	4781.217
11/17/2016 4:00:00 AM	108000.000	12.281	17.691	27.992	6049.572	7031.200	3.899	4781.217
165.301	1.002	14.767	17.690	27.981	6050.600	7032.423	3.900	4782.048
11/17/2016 4:05:00 AM	108300.000	12.276	17.690	27.981	6050.600	7032.423	3.900	4782.048
165.273	1.002	14.769	17.690	27.984	6051.542	7033.451	3.900	4782.747
11/17/2016 4:10:00 AM	108600.000</							

165.231	1.002	14.781					
11/17/2016 5:00:00 AM	111600.000	12.277	17.690	27.983	6052.241	7034.344	3.901
165.228	1.002	14.780					
11/17/2016 5:05:00 AM	111900.000	12.273	17.691	27.975	6052.957	7035.123	3.901
165.209	1.002	14.779					
11/17/2016 5:10:00 AM	112200.000	12.281	17.691	27.993	6053.032	7035.209	3.901
165.206	1.002	14.778					
11/17/2016 5:15:00 AM	112500.000	12.284	17.690	27.999	6054.062	7036.460	3.902
165.178	1.002	14.777					
11/17/2016 5:20:00 AM	112800.000	12.286	17.691	28.003	6054.760	7037.218	3.903
165.159	1.002	14.778					
11/17/2016 5:25:00 AM	113100.000	12.278	17.691	27.986	6054.032	7036.372	3.902
165.179	1.002	14.779					
11/17/2016 5:30:00 AM	113400.000	12.278	17.691	27.985	6054.179	7036.555	3.902
165.175	1.002	14.780					
11/17/2016 5:35:00 AM	113700.000	12.282	17.691	27.995	6053.294	7035.500	3.902
165.199	1.002	14.781					
11/17/2016 5:40:00 AM	114000.000	12.278	17.691	27.985	6053.054	7035.221	3.902
165.206	1.002	14.781					
11/17/2016 5:45:00 AM	114300.000	12.281	17.691	27.992	6053.653	7035.917	3.902
165.189	1.002	14.781					
11/17/2016 5:50:00 AM	114600.000	12.279	17.690	27.988	6053.414	7035.707	3.902
165.196	1.002	14.779					
11/17/2016 5:55:00 AM	114900.000	12.280	17.691	27.990	6054.377	7036.785	3.902
165.170	1.002	14.777					
11/17/2016 6:00:00 AM	115200.000	12.283	17.690	27.996	6054.539	7037.015	3.903
165.165	1.002	14.775					
11/17/2016 6:05:00 AM	115500.000	12.281	17.690	27.993	6052.572	7034.716	3.901
165.219	1.002	14.777					
11/17/2016 6:10:00 AM	115800.000	12.279	17.690	27.988	6054.741	7037.250	3.903
165.160	1.002	14.778					
11/17/2016 6:15:00 AM	116100.000	12.280	17.691	27.989	6052.935	7035.097	3.901
165.209	1.002	14.780					
11/17/2016 6:20:00 AM	116400.000	12.282	17.691	27.995	6051.679	7033.637	3.901
165.243	1.002	14.781					
11/17/2016 6:25:00 AM	116700.000	12.281	17.690	27.992	6052.578	7034.749	3.901
165.219	1.002	14.781					
11/17/2016 6:30:00 AM	117000.000	12.284	17.690	27.999	6051.705	7033.763	3.901
165.243	1.002	14.781					
11/17/2016 6:35:00 AM	117300.000	12.278	17.690	27.985	6051.077	7032.978	3.900
165.260	1.002	14.783					
11/17/2016 6:40:00 AM	117600.000	12.278	17.691	27.984	6045.130	7026.011	3.896
165.422	1.002	14.784					
11/17/2016 6:45:00 AM	117900.000	12.281	17.691	27.991	6037.173	7016.763	3.891
165.640	1.002	14.786					
11/17/2016 6:50:00 AM	118200.000	12.283	17.691	27.996	6019.550	6996.227	3.878
165.125	1.002	14.785					
11/17/2016 6:55:00 AM	118500.000	12.279	17.691	27.988	6003.474	6977.622	3.867
166.570	1.002	14.784					
11/17/2016 7:00:00 AM	118800.000	12.285	17.691	28.001	5990.138	6962.069	3.858
166.941	1.002	14.782					
11/17/2016 7:05:00 AM	119100.000	12.278	17.690	27.986	5975.150	6944.730	3.848
167.360	1.002	14.785					
11/17/2016 7:10:00 AM	119400.000	12.283	17.690	27.996	5964.579	6932.431	3.841
167.656	1.002	14.787					
11/17/2016 7:15:00 AM	119700.000	12.279	17.691	27.987	5951.977	6917.702	3.832
168.011	1.002	14.790					
11/17/2016 7:20:00 AM	120000.000	12.284	17.690	27.999	5940.931	6904.946	3.824
168.324	1.002	14.790					
11/17/2016 7:25:00 AM	120300.000	12.285	17.691	28.001	5932.279	6894.836	3.818
168.569	1.002	14.791					
11/17/2016 7:30:00 AM	120600.000	12.278	17.690	27.986	5924.360	6885.699	3.813
168.795	1.002	14.792					
11/17/2016 7:35:00 AM	120900.000	12.285	17.691	28.001	5915.050	6874.784	3.806
169.060	1.002	14.791					
11/17/2016 7:40:00 AM	121200.000	12.286	17.691	28.004	5906.554	6864.909	3.801
169.303	1.002	14.790					
11/17/2016 7:45:00 AM	121500.000	12.281	17.692	27.992	5899.287	6856.385	3.796
169.512	1.002	14.789					
11/17/2016 7:50:00 AM	121800.000	12.282	17.691	27.994	5890.193	6845.854	3.789
169.774	1.002	14.791					
11/17/2016 7:55:00 AM	122100.000	12.281	17.691	27.992	5883.983	6838.690	3.785
169.953	1.002	14.793					
11/17/2016 8:00:00 AM	122400.000	12.279	17.691	27.988	5877.530	6831.150	3.781
170.139	1.002	14.795					
11/17/2016 8:05:00 AM	122700.000	12.280	17.691	27.990	5868.436	6820.620	3.774
170.403	1.002	14.798					
11/17/2016 8:10:00 AM	123000.000	12.274	17.691	27.977	5863.710	6815.113	3.771
170.540	1.002	14.802					
11/17/2016 8:15:00 AM	123300.000	12.272	17.691	27.971	5855.545	6805.612	3.766
170.778	1.002	14.805					
11/17/2016 8:20:00 AM	123600.000	12.277	17.691	27.983	5850.659	6799.945	3.762
170.921	1.002	14.804					
11/17/2016 8:25:00 AM	123900.000	12.279	17.691	27.989	5844.899	6793.265	3.758
171.089	1.002	14.802					
11/17/2016 8:30:00 AM	124200.000	12.277	17.691	27.982	5838.591	6785.933	3.754
171.274	1.002	14.801					
11/17/2016 8:35:00 AM	124500.000	12.279	17.691	27.988	5834.514	6781.208	3.751
171.394	1.002	14.797					
11/17/2016 8:40:00 AM	124800.000	12.287	17.691	28.005	5827.369	6772.850	3.746
171.604	1.002	14.794					
11/17/2016 8:45:00 AM	125100.000	12.285	17.690	28.001	5823.316	6768.271	3.744
171.723	1.002	14.790					
11/17/2016 8:50:00 AM	125400.000	12.290	17.691	28.012	5815.634	6759.250	3.738
171.950	1.002	14.791					
11/17/2016 8:55:00 AM	125700.000	12.288	17.691	28.009	5809.884	6752.528	3.734
172.120	1.002	14.792					
11/17/2016 9:00:00 AM	126000.000	12.281	17.691	27.993	5804.042	6745.829	3.730
172.294	1.002	14.794					
11/17/2016 9:05:00 AM	126300.000	12.279	17.691	27.987	5798.790	6739.688	3.727
172.450	1.002	14.797					
11/17/2016 9:10:00 AM	126600.000	12.274	17.691	27.976	5794.432	6734.530	3.724
172.579	1.002	14.800					
11/17/2016 9:15:00 AM	126900.000	12.275	17.691	27.977	5788.828	6728.122	3.720
172.747	1.002	14.803					
11/17/2016 9:20:00 AM	127200.000	12.277	17.691	27.982	5785.551	6724.326	3.718
172.844	1.001	14.800					
11/17/2016 9:25:00 AM	127500.000	12.277	17.691	27.982	5779.751	6717.521	3.714
173.018	1.001	14.796					
11/17/2016 9:30:00 AM	127800.000	12.283	17.691	27.997	5776.270	6713.447	3.711
173.122	1.001	14.793					
11/17/2016 9:35:00 AM	128100.000	12.283	17.691	27.996	5771.323	6707.776	3.708
173.270	1.001	14.792					
11/17/2016 9:40:00 AM	128400.000	12.286	17.691	28.003	5765.910	6701.473	3.704
173.433	1.001	14.791					
11/17/2016 9:45:00 AM	128700.000	12.285	17.691	28.001	5763.460	6698.625	3.702
173.507	1.001	14.791					
11/17/2016 9:50:00 AM	129000.000	12.284	17.690	27.999	5758.926	6693.420	3.699
173.643	1.001	14.790					
11/17/2016 9:55:00 AM	129300.000	12.281	17.691	27.992	5755.067	6688.817	3.697
173.760	1.001	14.790					
11/17/2016 10:00:00 AM	129600.000	12.281	17.690	27.993	5752.293	6685.698	3.695
173.844	1.001	14.789					
11/17/2016 10:05:00 AM	129900.000	12.286	17.691	28.004	5747.396	6679.992	3.691
173.992	1.001	14.789					
11/17/2016 10:10:00 AM	130200.000	12.279	17.691	27.988	5746.723	6679.172	3.691
174.012	1.001	14.789					
11/17/2016 10:15:00 AM	130500.000	12.285	17.691	28.001	5742.527	6674.333	3.688
174.139	1.001	14.788					
11/17/2016 10:20:00 AM	130800.000	12.285	17.691	28.002	5738.620	6669.728	3.685
174.258	1.001	14.788					
11/17/2016 10:25:00 AM	131100.000	12.279	17.691	27.988	5735.177	6665.790	3.683
174.363	1.001	14.787					

11/17/2016 10:30:00 AM	131400.000	12.282	17.691	27.995	5731.531	6661.450	3.680	4529.786
174.473	1.001	14.786						
11/17/2016 10:35:00 AM	131700.000	12.275	17.690	27.979	5727.479	6656.858	3.678	4526.664
174.597	1.001	14.788						
11/17/2016 10:40:00 AM	132000.000	12.277	17.691	27.984	5726.585	6655.729	3.677	4525.896
174.624	1.001	14.790						
11/17/2016 10:45:00 AM	132300.000	12.277	17.691	27.983	5722.820	6651.391	3.674	4522.946
174.739	1.001	14.791						
11/17/2016 10:50:00 AM	132600.000	12.272	17.691	27.972	5720.110	6648.227	3.673	4520.795
174.822	1.001	14.791						
11/17/2016 10:55:00 AM	132900.000	12.276	17.691	27.981	5717.354	6645.038	3.671	4518.626
174.906	1.001	14.791						
11/17/2016 11:00:00 AM	133200.000	12.271	17.690	27.968	5713.837	6641.002	3.668	4515.881
175.014	1.001	14.791						
11/17/2016 11:05:00 AM	133500.000	12.275	17.691	27.979	5713.005	6640.020	3.668	4515.214
175.039	1.001	14.790						
11/17/2016 11:10:00 AM	133800.000	12.277	17.691	27.983	5709.700	6636.104	3.665	4512.550
175.141	1.001	14.789						
11/17/2016 11:15:00 AM	134100.000	12.275	17.690	27.978	5708.832	6635.209	3.665	4511.942
175.167	1.001	14.788						
11/17/2016 11:20:00 AM	134400.000	12.277	17.691	27.983	5707.465	6633.518	3.664	4510.792
175.209	1.001	14.787						
11/17/2016 11:25:00 AM	134700.000	12.275	17.691	27.980	5703.542	6628.996	3.661	4507.718
175.330	1.001	14.786						
11/17/2016 11:30:00 AM	135000.000	12.275	17.691	27.979	5703.371	6628.747	3.661	4507.548
175.335	1.001	14.785						
11/17/2016 11:35:00 AM	135300.000	12.275	17.690	27.977	5701.011	6626.107	3.660	4505.753
175.407	1.001	14.784						
11/17/2016 11:40:00 AM	135600.000	12.278	17.691	27.985	5700.390	6625.256	3.659	4505.175
175.427	1.001	14.784						
11/17/2016 11:45:00 AM	135900.000	12.277	17.690	27.984	5697.783	6622.355	3.657	4503.202
175.567	1.001	14.783						
11/17/2016 11:50:00 AM	136200.000	12.278	17.691	27.984	5695.952	6620.175	3.656	4501.719
175.563	1.001	14.782						
11/17/2016 11:55:00 AM	136500.000	12.272	17.691	27.972	5695.025	6619.086	3.655	4500.979
175.592	1.001	14.782						
11/17/2016 12:00:00 PM	136800.000	12.271	17.691	27.970	5694.295	6618.210	3.655	4500.383
175.614	1.001	14.781						
11/17/2016 12:05:00 PM	137100.000	12.273	17.690	27.974	5692.064	6615.721	3.653	4498.690
175.683	1.001	14.777						
11/17/2016 12:10:00 PM	137400.000	12.275	17.691	27.979	5690.548	6613.882	3.652	4497.440
175.730	1.001	14.774						
11/17/2016 12:15:00 PM	137700.000	12.281	17.691	27.992	5689.621	6612.842	3.652	4496.733
175.759	1.001	14.770						
11/17/2016 12:20:00 PM	138000.000	12.275	17.691	27.980	5687.473	6610.334	3.650	4495.027
175.825	1.001	14.770						
11/17/2016 12:25:00 PM	138300.000	12.280	17.691	27.990	5687.391	6610.213	3.650	4494.945
175.828	1.001	14.770						
11/17/2016 12:30:00 PM	138600.000	12.275	17.690	27.978	5684.818	6607.299	3.648	4492.964
175.907	1.001	14.770						
11/17/2016 12:35:00 PM	138900.000	12.277	17.690	27.983	5683.486	6605.726	3.648	4491.894
175.948	1.001	14.771						
11/17/2016 12:40:00 PM	139200.000	12.275	17.691	27.978	5681.875	6603.776	3.646	4490.568
175.998	1.001	14.773						
11/17/2016 12:45:00 PM	139500.000	12.269	17.690	27.966	5682.100	6604.127	3.647	4490.807
175.991	1.001	14.775						
11/17/2016 12:50:00 PM	139800.000	12.269	17.691	27.965	5680.447	6602.168	3.645	4489.474
176.042	1.001	14.773						
11/17/2016 12:55:00 PM	140100.000	12.275	17.690	27.978	5679.578	6601.196	3.645	4488.814
176.069	1.001	14.771						
11/17/2016 1:00:00 PM	140400.000	12.270	17.691	27.966	5677.399	6598.587	3.643	4487.039
176.137	1.001	14.769						
11/17/2016 1:05:00 PM	140700.000	12.277	17.691	27.983	5678.501	6599.917	3.644	4487.944
176.103	1.001	14.766						
11/17/2016 1:10:00 PM	141000.000	12.279	17.690	27.988	5677.052	6598.260	3.643	4486.817
176.148	1.001	14.762						
11/17/2016 1:15:00 PM	141300.000	12.282	17.691	27.994	5676.300	6597.359	3.643	4486.205
176.171	1.001	14.759						
11/17/2016 1:20:00 PM	141600.000	12.274	17.691	27.977	5675.027	6595.880	3.642	4485.199
176.211	1.001	14.761						
11/17/2016 1:25:00 PM	141900.000	12.274	17.691	27.977	5675.091	6595.853	3.642	4485.180
176.209	1.001	14.762						
11/17/2016 1:30:00 PM	142200.000	12.271	17.690	27.970	5675.231	6596.144	3.642	4485.378
176.204	1.001	14.764						
11/17/2016 1:35:00 PM	142500.000	12.269	17.691	27.966	5673.575	6594.192	3.641	4484.051
176.256	1.001	14.762						
11/17/2016 1:40:00 PM	142800.000	12.275	17.691	27.978	5671.608	6591.906	3.639	4482.496
176.317	1.001	14.760						
11/17/2016 1:45:00 PM	143100.000	12.275	17.690	27.979	5672.132	6592.529	3.640	4482.920
176.301	1.001	14.758						
11/17/2016 1:50:00 PM	143400.000	12.269	17.691	27.965	5671.722	6592.028	3.639	4482.579
176.313	1.001	14.760						
11/17/2016 1:55:00 PM	143700.000	12.286	17.691	27.958	5670.773	6590.924	3.639	4481.829
176.343	1.001	14.761						
11/17/2016 2:00:00 PM	144000.000	12.270	17.691	27.968	5670.278	6590.310	3.638	4481.411
176.358	1.001	14.763						
11/17/2016 2:05:00 PM	144300.000	12.270	17.691	27.968	5671.374	6591.623	3.639	4482.304
176.324	1.001	14.763						
11/17/2016 2:10:00 PM	144600.000	12.270	17.690	27.966	5671.207	6591.455	3.639	4482.189
176.329	1.001	14.763						
11/17/2016 2:15:00 PM	144900.000	12.269	17.691	27.965	5671.038	6591.232	3.639	4482.039
176.335	1.001	14.763						
11/17/2016 2:20:00 PM	145200.000	12.267	17.691	27.960	5670.211	6590.246	3.638	4481.368
176.360	1.001	14.760						
11/17/2016 2:25:00 PM	145500.000	12.274	17.690	27.976	5670.363	6590.499	3.639	4481.539
176.356	1.001	14.756						
11/17/2016 2:30:00 PM	145800.000	12.271	17.691	27.969	5670.704	6590.844	3.639	4481.774
176.345	1.001	14.752						
11/17/2016 2:35:00 PM	146100.000	12.269	17.690	27.965	5671.143	6591.380	3.639	4482.139
176.331	1.001	14.752						
11/17/2016 2:40:00 PM	146400.000	12.273	17.690	27.975	5671.134	6591.395	3.639	4482.148
176.332	1.001	14.752						
11/17/2016 2:45:00 PM	146700.000	12.275	17.691	27.979	5669.370	6589.294	3.638	4480.720
176.386	1.001	14.752						
11/17/2016 2:50:00 PM	147000.000	12.269	17.691	27.965	5671.545	6591.808	3.639	4482.430
176.319	1.001	14.753						
11/17/2016 2:55:00 PM	147300.000	12.268	17.690	27.962	5669.537	6589.538	3.638	4480.886
176.381	1.001	14.755						
11/17/2016 3:00:00 PM	147600.000	12.269	17.690	27.965	5669.529	6589.504	3.638	4480.863
176.382	1.001	14.756						
11/17/2016 3:05:00 PM	147900.000	12.271	17.690	27.970	5670.849	6591.089	3.639	4481.941
176.340	1.001	14.754						
11/17/2016 3:10:00 PM	148200.000	12.268	17.691	27.963	5669.112	6588.980	3.638	4480.507
176.394	1.001	14.752						
11/17/2016 3:15:00 PM	148500.000	12.276	17.691	27.981	5670.896	6591.054	3.639	4481.917
176.339	1.001	14.749						
11/17/2016 3:20:00 PM	148800.000	12.276	17.690	27.981	5670.449	6590.598	3.639	4481.606
176.353	1.001	14.750						
11/17/2016 3:25:00 PM	149100.000	12.270	17.691	27.967	5670.865	6591.031	3.639	4481.902
176.340	1.001	14.750						
11/17/2016 3:30:00 PM	149400.000	12.269	17.691	27.965	5670.878	6591.047	3.639	4481.912
176.340	1.001	14.751						
11/17/2016 3:35:00 PM	149700.000	12.265	17.690	27.957	5670.179	6590.310	3.638	4481.411
176.361	1.001	14.754						
11/17/2016 3:40:00 PM	150000.000	12.261	17.690	27.946	5671.642	6591.973	3.639	4482.542
176.316	1.001	14.757						
11/17/2016 3:45:00 PM	150300.000	12.263	17.690	27.950	5671.376	6591.651	3.639	4482.323
176.324	1.001	14.761						
11/17/2016 3:50:00 PM	150600.000	12.264	17.690	27.954	5671.449	6591.749	3.639	4482.390
176.322	1.001	14.759						
11/17/2016 3:55:00 PM	150900.000	12.261	17.690	27.946	5672.094	6592.498	3.64	

176.283	1.001	14.756						
11/17/2016 4:05:00 PM	151500.000	12.263	17.691	27.952	5673.172	6593.673	3.640	4483.698
176.268	1.001	14.754						
11/17/2016 4:10:00 PM	151800.000	12.269	17.691	27.965	5673.163	6593.713	3.640	4483.726
176.269	1.001	14.752						
11/17/2016 4:15:00 PM	152100.000	12.264	17.691	27.954	5672.639	6593.067	3.640	4483.286
176.285	1.001	14.750						
11/17/2016 4:20:00 PM	152400.000	12.269	17.691	27.966	5674.293	6594.991	3.641	4484.594
176.233	1.001	14.750						
11/17/2016 4:25:00 PM	152700.000	12.270	17.690	27.968	5673.733	6594.403	3.641	4484.195
176.251	1.001	14.749						
11/17/2016 4:30:00 PM	153000.000	12.272	17.691	27.972	5673.924	6594.561	3.641	4484.302
176.245	1.001	14.748						
11/17/2016 4:35:00 PM	153300.000	12.268	17.691	27.963	5675.167	6596.042	3.642	4485.309
176.206	1.001	14.748						
11/17/2016 4:40:00 PM	153600.000	12.272	17.690	27.971	5672.999	6593.537	3.640	4483.605
176.274	1.001	14.747						
11/17/2016 4:45:00 PM	153900.000	12.269	17.690	27.964	5672.431	6592.902	3.640	4483.173
176.291	1.001	14.747						
11/17/2016 4:50:00 PM	154200.000	12.271	17.690	27.969	5674.889	6595.747	3.642	4485.108
176.215	1.001	14.749						
11/17/2016 4:55:00 PM	154500.000	12.269	17.690	27.965	5674.379	6595.167	3.641	4484.713
176.231	1.001	14.750						
11/17/2016 5:00:00 PM	154800.000	12.268	17.691	27.963	5676.827	6597.960	3.643	4486.613
176.155	1.001	14.753						
11/17/2016 5:05:00 PM	155100.000	12.267	17.690	27.959	5674.578	6595.372	3.641	4484.853
176.225	1.001	14.753						
11/17/2016 5:10:00 PM	155400.000	12.265	17.690	27.957	5675.217	6596.127	3.642	4485.367
176.205	1.001	14.754						
11/17/2016 5:15:00 PM	155700.000	12.258	17.691	27.939	5675.612	6596.523	3.642	4485.636
176.192	1.001	14.755						
11/17/2016 5:20:00 PM	156000.000	12.260	17.690	27.944	5677.361	6598.646	3.643	4487.079
176.138	1.001	14.755						
11/17/2016 5:25:00 PM	156300.000	12.262	17.690	27.948	5678.782	6600.284	3.644	4488.193
176.094	1.001	14.755						
11/17/2016 5:30:00 PM	156600.000	12.264	17.691	27.955	5676.989	6598.109	3.643	4486.714
176.150	1.001	14.754						
11/17/2016 5:35:00 PM	156900.000	12.265	17.690	27.956	5677.943	6599.308	3.644	4487.530
176.120	1.001	14.754						
11/17/2016 5:40:00 PM	157200.000	12.264	17.690	27.954	5678.322	6599.800	3.644	4487.864
176.108	1.001	14.754						
11/17/2016 5:45:00 PM	157500.000	12.264	17.690	27.954	5678.574	6600.029	3.644	4488.021
176.101	1.001	14.754						
11/17/2016 5:50:00 PM	157800.000	12.266	17.690	27.957	5678.837	6600.335	3.644	4488.229
176.092	1.001	14.753						
11/17/2016 5:55:00 PM	158100.000	12.267	17.691	27.960	5679.580	6601.171	3.645	4488.797
176.069	1.001	14.751						
11/17/2016 6:00:00 PM	158400.000	12.271	17.690	27.969	5679.273	6600.880	3.645	4488.598
176.079	1.001	14.749						
11/17/2016 6:05:00 PM	158700.000	12.269	17.691	27.964	5681.346	6603.224	3.646	4490.192
176.015	1.001	14.751						
11/17/2016 6:10:00 PM	159000.000	12.264	17.691	27.954	5682.396	6604.434	3.647	4491.015
175.982	1.001	14.754						
11/17/2016 6:15:00 PM	159300.000	12.259	17.690	27.942	5683.175	6605.402	3.647	4491.674
175.958	1.001	14.757						
11/17/2016 6:20:00 PM	159600.000	12.262	17.691	27.949	5683.233	6605.417	3.647	4491.684
175.956	1.001	14.756						
11/17/2016 6:25:00 PM	159900.000	12.259	17.690	27.941	5681.835	6603.820	3.646	4490.598
175.999	1.001	14.756						
11/17/2016 6:30:00 PM	160200.000	12.259	17.691	27.942	5682.116	6604.119	3.647	4490.801
175.991	1.001	14.756						
11/17/2016 6:35:00 PM	160500.000	12.258	17.691	27.939	5684.264	6606.616	3.648	4492.499
175.924	1.001	14.757						
11/17/2016 6:40:00 PM	160800.000	12.260	17.690	27.944	5684.093	6606.495	3.648	4492.417
175.930	1.001	14.759						
11/17/2016 6:45:00 PM	161100.000	12.252	17.691	27.926	5685.732	6608.311	3.649	4493.651
175.879	1.001	14.760						
11/17/2016 6:50:00 PM	161400.000	12.259	17.690	27.942	5685.080	6607.579	3.649	4493.154
175.899	1.001	14.759						
11/17/2016 6:55:00 PM	161700.000	12.260	17.690	27.945	5686.287	6609.071	3.650	4494.168
175.862	1.001	14.758						
11/17/2016 7:00:00 PM	162000.000	12.256	17.690	27.935	5686.898	6609.692	3.650	4494.591
175.843	1.001	14.758						
11/17/2016 7:05:00 PM	162300.000	12.262	17.690	27.950	5686.876	6609.667	3.650	4494.574
175.843	1.001	14.757						
11/17/2016 7:10:00 PM	162600.000	12.262	17.690	27.948	5687.455	6610.402	3.650	4495.074
175.826	1.001	14.757						
11/17/2016 7:15:00 PM	162900.000	12.258	17.691	27.939	5688.228	6611.197	3.651	4495.615
175.802	1.001	14.756						
11/17/2016 7:20:00 PM	163200.000	12.263	17.690	27.952	5687.707	6610.632	3.650	4495.229
175.818	1.001	14.755						
11/17/2016 7:25:00 PM	163500.000	12.260	17.690	27.945	5690.089	6613.425	3.652	4497.129
175.744	1.001	14.755						
11/17/2016 7:30:00 PM	163800.000	12.265	17.691	27.955	5690.169	6613.468	3.652	4497.159
175.742	1.001	14.754						
11/17/2016 7:35:00 PM	164100.000	12.261	17.690	27.946	5690.549	6614.024	3.652	4497.537
175.730	1.001	14.757						
11/17/2016 7:40:00 PM	164400.000	12.255	17.690	27.932	5690.370	6613.752	3.652	4497.352
175.735	1.001	14.760						
11/17/2016 7:45:00 PM	164700.000	12.255	17.690	27.933	5691.824	6615.429	3.653	4498.492
175.691	1.001	14.763						
11/17/2016 7:50:00 PM	165000.000	12.255	17.691	27.934	5692.114	6615.715	3.653	4498.687
175.682	1.001	14.762						
11/17/2016 7:55:00 PM	165300.000	12.253	17.691	27.929	5693.485	6617.333	3.654	4499.787
175.639	1.001	14.761						
11/17/2016 8:00:00 PM	165600.000	12.258	17.690	27.940	5694.964	6619.092	3.655	4500.983
175.594	1.001	14.760						
11/17/2016 8:05:00 PM	165900.000	12.262	17.690	27.949	5695.008	6619.155	3.655	4501.026
175.592	1.001	14.755						
11/17/2016 8:10:00 PM	166200.000	12.267	17.690	27.960	5695.520	6619.750	3.656	4501.431
175.577	1.001	14.751						
11/17/2016 8:15:00 PM	166500.000	12.264	17.691	27.953	5697.872	6622.395	3.657	4503.229
175.504	1.001	14.746						
11/17/2016 8:20:00 PM	166800.000	12.266	17.690	27.957	5695.297	6619.454	3.656	4501.229
175.563	1.001	14.750						
11/17/2016 8:25:00 PM	167100.000	12.262	17.691	27.950	5697.973	6622.538	3.657	4503.326
175.501	1.001	14.754						
11/17/2016 8:30:00 PM	167400.000	12.257	17.690	27.938	5696.979	6621.459	3.657	4502.593
175.532	1.001	14.758						
11/17/2016 8:35:00 PM	167700.000	12.259	17.690	27.943	5697.364	6621.920	3.657	4502.906
175.520	1.001	14.757						
11/17/2016 8:40:00 PM	168000.000	12.260	17.690	27.945	5699.087	6623.871	3.658	4504.232
175.467	1.001	14.756						
11/17/2016 8:45:00 PM	168300.000	12.260	17.691	27.944	5698.562	6623.233	3.658	4503.798
175.483	1.001	14.755						
11/17/2016 8:50:00 PM	168600.000	12.262	17.691	27.948	5700.833	6625.823	3.659	4505.561
175.413	1.001	14.756						
11/17/2016 8:55:00 PM	168900.000	12.260	17.690	27.945	5700.936	6626.045	3.660	4505.711
175.410	1.001	14.757						
11/17/2016 9:00:00 PM	169200.000	12.259	17.690	27.942	5700.852	6625.960	3.659	4505.653
175.412	1.001	14.758						
11/17/2016 9:05:00 PM	169500.000	12.259	17.690	27.943	5702.858	6628.279	3.661	4507.230
175.351	1.001	14.758						
11/17/2016 9:10:00 PM	169800.000	12.259	17.691	27.942	5701.507	6626.646	3.660	4506.119
175.392	1.001	14.757						
11/17/2016 9:15:00 PM	170100.000	12.260	17.690	27.945	5704.224	6629.879	3.662	4508.318
175.309	1.001	14.757						
11/17/2016 9:20:00 PM	170400.000	12.254	17.690	27.931	5704.255	6629.904	3.662	4508.334
175.308	1.001	14.756						
11/17/2016 9:25:00 PM	170700.000	12.259	17.690	27.941	5704.900	6630.691	3.662	4508.870
175.288	1.001	14.754						
11/17/2016 9:30:00 PM	171000.000	12.255	17.691	27.933	5703.647	6629.133	3.661	4507.811
175.326	1.001	14.753						

11/17/2016 9:35:00 PM	171300.000	12.253	17.690	27.928	5706.297	6632.328	3.663	4509.983
175.245	1.001	14.753						
11/17/2016 9:40:00 PM	171600.000	12.255	17.690	27.933	5705.498	6631.360	3.663	4509.326
175.270	1.001	14.753						
11/17/2016 9:45:00 PM	171900.000	12.261	17.691	27.947	5708.754	6635.054	3.665	4511.837
175.170	1.001	14.752						
11/17/2016 9:50:00 PM	172200.000	12.262	17.690	27.949	5715.978	6643.554	3.670	4517.617
174.948	1.001	14.753						
11/17/2016 9:55:00 PM	172500.000	12.257	17.690	27.937	5734.423	6665.005	3.683	4532.203
174.385	1.001	14.753						
11/17/2016 10:00:00 PM	172800.000	12.256	17.690	27.935	5751.106	6684.332	3.694	4545.346
173.880	1.001	14.754						
11/17/2016 10:05:00 PM	173100.000	12.252	17.690	27.926	5768.245	6704.341	3.706	4558.952
173.363	1.001	14.756						
11/17/2016 10:10:00 PM	173400.000	12.256	17.690	27.934	5783.677	6722.278	3.716	4571.150
172.900	1.001	14.758						
11/17/2016 10:15:00 PM	173700.000	12.248	17.690	27.918	5797.696	6738.585	3.726	4582.238
172.482	1.002	14.760						
11/17/2016 10:20:00 PM	174000.000	12.255	17.690	27.932	5810.594	6753.537	3.735	4592.405
172.099	1.002	14.759						
11/17/2016 10:25:00 PM	174300.000	12.257	17.690	27.938	5823.887	6768.987	3.744	4602.912
171.707	1.002	14.758						
11/17/2016 10:30:00 PM	174600.000	12.259	17.690	27.941	5834.691	6781.532	3.751	4611.442
171.389	1.002	14.757						
11/17/2016 10:35:00 PM	174900.000	12.259	17.690	27.942	5845.635	6794.291	3.759	4620.119
171.068	1.002	14.756						
11/17/2016 10:40:00 PM	175200.000	12.255	17.690	27.933	5855.512	6805.718	3.766	4627.889
170.779	1.002	14.755						
11/17/2016 10:45:00 PM	175500.000	12.261	17.690	27.946	5865.676	6817.624	3.773	4635.984
170.483	1.002	14.754						
11/17/2016 10:50:00 PM	175800.000	12.256	17.690	27.935	5875.219	6828.664	3.779	4643.491
170.206	1.002	14.754						
11/17/2016 10:55:00 PM	176100.000	12.260	17.690	27.945	5882.362	6836.966	3.784	4649.137
170.000	1.002	14.754						
11/17/2016 11:00:00 PM	176400.000	12.262	17.690	27.949	5889.608	6845.413	3.789	4654.881
169.791	1.002	14.754						
11/17/2016 11:05:00 PM	176700.000	12.257	17.690	27.938	5898.700	6855.955	3.795	4662.050
169.529	1.002	14.754						
11/17/2016 11:10:00 PM	177000.000	12.262	17.690	27.950	5904.190	6862.336	3.799	4666.389
169.371	1.002	14.754						
11/17/2016 11:15:00 PM	177300.000	12.260	17.690	27.944	5911.442	6870.698	3.804	4672.075
169.163	1.002	14.754						
11/17/2016 11:20:00 PM	177600.000	12.263	17.690	27.951	5916.106	6876.132	3.807	4675.771
169.030	1.002	14.755						
11/17/2016 11:25:00 PM	177900.000	12.262	17.690	27.950	5922.665	6883.809	3.812	4680.990
168.843	1.002	14.755						
11/17/2016 11:30:00 PM	178200.000	12.258	17.690	27.940	5928.112	6890.153	3.816	4685.305
168.688	1.002	14.756						
11/17/2016 11:35:00 PM	178500.000	12.256	17.690	27.934	5934.816	6897.933	3.820	4690.595
168.497	1.002	14.755						
11/17/2016 11:40:00 PM	178800.000	12.258	17.690	27.940	5939.279	6903.119	3.823	4694.122
168.371	1.002	14.754						
11/17/2016 11:45:00 PM	179100.000	12.264	17.690	27.953	5942.556	6906.901	3.825	4696.693
168.278	1.002	14.753						
11/17/2016 11:50:00 PM	179400.000	12.263	17.690	27.951	5948.145	6913.382	3.829	4701.101
168.120	1.002	14.754						
11/17/2016 11:55:00 PM	179700.000	12.257	17.690	27.938	5952.921	6918.988	3.833	4704.912
167.985	1.002	14.755						
11/18/2016 12:00:00 AM	180000.000	12.261	17.690	27.946	5957.144	6923.896	3.836	4708.250
167.866	1.002	14.756						
11/18/2016 12:05:00 AM	180300.000	12.258	17.690	27.940	5962.792	6930.380	3.839	4712.659
167.707	1.002	14.756						
11/18/2016 12:10:00 AM	180600.000	12.262	17.690	27.949	5965.992	6934.141	3.842	4715.216
167.617	1.002	14.755						
11/18/2016 12:15:00 AM	180900.000	12.263	17.690	27.951	5972.054	6941.254	3.846	4720.054
167.447	1.002	14.754						
11/18/2016 12:20:00 AM	181200.000	12.264	17.690	27.953	5974.798	6944.443	3.848	4722.222
167.370	1.002	14.753						
11/18/2016 12:25:00 AM	181500.000	12.262	17.690	27.948	5978.993	6949.209	3.851	4725.462
167.252	1.002	14.751						
11/18/2016 12:30:00 AM	181800.000	12.269	17.690	27.964	5981.930	6952.704	3.853	4727.839
167.170	1.002	14.750						
11/18/2016 12:35:00 AM	182100.000	12.268	17.690	27.962	5986.465	6957.921	3.856	4731.387
167.043	1.002	14.750						
11/18/2016 12:40:00 AM	182400.000	12.267	17.690	27.960	5989.219	6961.164	3.858	4733.592
166.967	1.002	14.750						
11/18/2016 12:45:00 AM	182700.000	12.266	17.690	27.957	5991.362	6963.640	3.859	4735.275
166.907	1.002	14.750						
11/18/2016 12:50:00 AM	183000.000	12.267	17.690	27.961	5995.671	6968.689	3.862	4738.709
166.787	1.002	14.749						
11/18/2016 12:55:00 AM	183300.000	12.268	17.690	27.963	5998.773	6972.187	3.864	4741.087
166.701	1.002	14.747						
11/18/2016 1:00:00 AM	183600.000	12.269	17.690	27.965	6001.419	6975.317	3.866	4743.215
166.627	1.002	14.746						
11/18/2016 1:05:00 AM	183900.000	12.270	17.690	27.967	6003.390	6977.592	3.867	4744.763
166.573	1.002	14.746						
11/18/2016 1:10:00 AM	184200.000	12.265	17.690	27.957	6006.437	6981.202	3.869	4747.218
166.488	1.002	14.745						
11/18/2016 1:15:00 AM	184500.000	12.269	17.690	27.965	6008.491	6983.576	3.871	4748.832
166.431	1.002	14.745						
11/18/2016 1:20:00 AM	184800.000	12.269	17.690	27.965	6011.336	6986.816	3.873	4751.035
166.352	1.002	14.744						
11/18/2016 1:25:00 AM	185100.000	12.266	17.690	27.959	6012.541	6988.176	3.874	4751.960
166.319	1.002	14.743						
11/18/2016 1:30:00 AM	185400.000	12.273	17.690	27.973	6015.731	6991.897	3.876	4754.490
166.231	1.002	14.742						
11/18/2016 1:35:00 AM	185700.000	12.272	17.690	27.971	6017.167	6993.701	3.877	4755.717
166.191	1.002	14.744						
11/18/2016 1:40:00 AM	186000.000	12.264	17.690	27.954	6019.016	6995.769	3.878	4757.123
166.140	1.002	14.746						
11/18/2016 1:45:00 AM	186300.000	12.269	17.690	27.966	6020.562	6997.606	3.879	4758.372
166.097	1.002	14.747						
11/18/2016 1:50:00 AM	186600.000	12.270	17.690	27.967	6022.588	6999.990	3.881	4759.994
166.042	1.002	14.747						
11/18/2016 1:55:00 AM	186900.000	12.269	17.690	27.966	6025.464	7003.222	3.883	4762.191
165.962	1.002	14.746						
11/18/2016 2:00:00 AM	187200.000	12.272	17.690	27.973	6026.333	7004.247	3.883	4762.888
165.938	1.002	14.746						
11/18/2016 2:05:00 AM	187500.000	12.266	17.690	27.958	6029.387	7007.904	3.885	4765.375
165.854	1.002	14.746						
11/18/2016 2:10:00 AM	187800.000	12.271	17.690	27.970	6029.677	7008.187	3.885	4765.568
165.846	1.002	14.747						
11/18/2016 2:15:00 AM	188100.000	12.271	17.690	27.970	6029.992	7008.539	3.886	4765.806
165.838	1.002	14.747						
11/18/2016 2:20:00 AM	188400.000	12.269	17.690	27.964	6030.897	7009.591	3.886	4766.522
165.813	1.002	14.747						
11/18/2016 2:25:00 AM	188700.000	12.270	17.690	27.966	6032.794	7011.852	3.888	4768.059
165.761	1.002	14.746						
11/18/2016 2:30:00 AM	189000.000	12.275	17.690	27.977	6033.845	7013.031	3.888	4768.862
165.732	1.002	14.746						
11/18/2016 2:35:00 AM	189300.000	12.277	17.690	27.984	6034.520	7013.774	3.889	4769.366
165.713	1.002	14.744						
11/18/2016 2:40:00 AM	189600.000	12.275	17.691	27.978	6036.883	7016.440	3.890	4771.179
165.648	1.002	14.742						
11/18/2016 2:45:00 AM	189900.000	12.280	17.690	27.991	6036.782	7016.376	3.890	4771.136
165.651	1.002	14.740						
11/18/2016 2:50:00 AM	190200.000	12.280	17.690	27.990	6038.305	7018.201	3.891	4772.377
165.609	1.002	14.740						
11/18/2016 2:55:00 AM	190500.000	12.276	17.690	27.981	6039.998	7020.114	3.893	4773.678
165.563	1.002	14.741						
11/18/2016 3:00:00 AM	190800.000	12.275	17.690	27.979	6039.720	7019.845		

165.521	1.002	14.743					
11/18/2016 3:10:00 AM	191400.000	12.273	17.690	27.973	6043.528	7024.231	3.895
165.466	1.002	14.745					4776.478
11/18/2016 3:15:00 AM	191700.000	12.270	17.690	27.968	6043.063	7023.745	3.895
165.479	1.002	14.747					4776.147
11/18/2016 3:20:00 AM	192000.000	12.275	17.690	27.980	6044.447	7025.327	3.896
165.441	1.002	14.748					4777.223
11/18/2016 3:25:00 AM	192300.000	12.276	17.690	27.982	6044.364	7025.176	3.896
165.443	1.002	14.749					4777.120
11/18/2016 3:30:00 AM	192600.000	12.270	17.690	27.967	6045.987	7027.144	3.897
165.399	1.002	14.750					4778.458
11/18/2016 3:35:00 AM	192900.000	12.272	17.690	27.972	6046.452	7027.670	3.897
165.386	1.002	14.747					4778.816
11/18/2016 3:40:00 AM	193200.000	12.280	17.690	27.990	6046.821	7028.140	3.897
165.376	1.002	14.744					4779.136
11/18/2016 3:45:00 AM	193500.000	12.280	17.690	27.991	6049.546	7031.293	3.899
165.302	1.002	14.740					4781.280
11/18/2016 3:50:00 AM	193800.000	12.276	17.690	27.981	6047.701	7029.067	3.898
165.352	1.002	14.741					4779.767
11/18/2016 3:55:00 AM	194100.000	12.275	17.690	27.979	6048.012	7029.510	3.898
165.344	1.002	14.742					4780.067
11/18/2016 4:00:00 AM	194400.000	12.279	17.690	27.989	6048.529	7030.057	3.898
165.329	1.002	14.743					4780.439
11/18/2016 4:05:00 AM	194700.000	12.272	17.690	27.973	6048.480	7029.959	3.898
165.331	1.002	14.745					4780.373
11/18/2016 4:10:00 AM	195000.000	12.274	17.690	27.977	6049.084	7030.729	3.899
165.314	1.002	14.748					4780.896
11/18/2016 4:15:00 AM	195300.000	12.273	17.690	27.973	6049.630	7031.364	3.899
165.299	1.002	14.750					4781.328
11/18/2016 4:20:00 AM	195600.000	12.274	17.690	27.977	6051.373	7033.376	3.900
165.252	1.002	14.750					4782.697
11/18/2016 4:25:00 AM	195900.000	12.274	17.690	27.976	6050.227	7032.030	3.900
165.283	1.002	14.749					4781.781
11/18/2016 4:30:00 AM	196200.000	12.275	17.690	27.979	6050.182	7032.020	3.900
165.284	1.002	14.749					4781.773
11/18/2016 4:35:00 AM	196500.000	12.272	17.690	27.972	6050.572	7032.404	3.900
165.274	1.002	14.748					4782.035
11/18/2016 4:40:00 AM	196800.000	12.278	17.690	27.986	6052.380	7034.533	3.901
165.224	1.002	14.748					4783.482
11/18/2016 4:45:00 AM	197100.000	12.280	17.691	27.989	6051.521	7033.439	3.900
165.248	1.002	14.747					4782.739
11/18/2016 4:50:00 AM	197400.000	12.282	17.690	27.995	6050.941	7032.860	3.900
165.264	1.002	14.745					4782.345
11/18/2016 4:55:00 AM	197700.000	12.284	17.690	27.998	6052.500	7034.687	3.901
165.221	1.002	14.743					4783.587
11/18/2016 5:00:00 AM	198000.000	12.282	17.690	27.994	6050.484	7032.330	3.900
165.276	1.002	14.740					4781.985
11/18/2016 5:05:00 AM	198300.000	12.282	17.690	27.995	6052.009	7034.156	3.901
165.234	1.002	14.741					4783.227
11/18/2016 5:10:00 AM	198600.000	12.285	17.690	28.001	6052.043	7034.114	3.901
165.233	1.002	14.742					4783.198
11/18/2016 5:15:00 AM	198900.000	12.285	17.690	28.002	6050.203	7032.017	3.900
165.284	1.002	14.743					4781.771
11/18/2016 5:20:00 AM	199200.000	12.286	17.690	28.004	6050.607	7032.514	3.900
165.273	1.002	14.743					4782.110
11/18/2016 5:25:00 AM	199500.000	12.288	17.690	28.009	6050.627	7032.510	3.900
165.272	1.002	14.742					4782.107
11/18/2016 5:30:00 AM	199800.000	12.282	17.690	27.994	6051.996	7034.128	3.901
165.235	1.002	14.742					4783.208
11/18/2016 5:35:00 AM	200100.000	12.285	17.690	28.001	6050.192	7032.005	3.900
165.284	1.002	14.741					4781.764
11/18/2016 5:40:00 AM	200400.000	12.285	17.690	28.001	6049.796	7031.502	3.899
165.295	1.002	14.741					4781.422
11/18/2016 5:45:00 AM	200700.000	12.280	17.690	27.990	6051.247	7033.230	3.900
165.255	1.002	14.740					4782.597
11/18/2016 5:50:00 AM	201000.000	12.284	17.690	27.999	6048.807	7030.327	3.899
165.322	1.002	14.740					4780.623
11/18/2016 5:55:00 AM	201300.000	12.280	17.690	27.990	6048.955	7030.579	3.899
165.318	1.002	14.740					4780.794
11/18/2016 6:00:00 AM	201600.000	12.285	17.690	28.002	6048.801	7030.441	3.899
165.322	1.002	14.739					4780.700
11/18/2016 6:05:00 AM	201900.000	12.280	17.691	27.990	6048.692	7030.124	3.898
165.325	1.002	14.739					4780.485
11/18/2016 6:10:00 AM	202200.000	12.285	17.690	28.002	6046.977	7028.321	3.897
165.372	1.002	14.739					4779.259
11/18/2016 6:15:00 AM	202500.000	12.284	17.689	27.999	6045.606	7026.769	3.896
165.409	1.002	14.739					4778.204
11/18/2016 6:20:00 AM	202800.000	12.281	17.690	27.992	6047.289	7028.642	3.898
165.363	1.002	14.740					4779.477
11/18/2016 6:25:00 AM	203100.000	12.284	17.690	27.999	6043.792	7024.497	3.895
165.459	1.002	14.740					4776.659
11/18/2016 6:30:00 AM	203400.000	12.279	17.690	27.989	6043.160	7023.858	3.895
165.476	1.002	14.741					4776.224
11/18/2016 6:35:00 AM	203700.000	12.285	17.690	28.001	6040.376	7020.595	3.893
165.553	1.002	14.740					4774.005
11/18/2016 6:40:00 AM	204000.000	12.286	17.690	28.004	6035.584	7014.958	3.889
165.684	1.002	14.740					4770.172
11/18/2016 6:45:00 AM	204300.000	12.282	17.690	27.994	6023.494	7001.000	3.881
166.017	1.002	14.740					4760.680
11/18/2016 6:50:00 AM	204600.000	12.281	17.691	27.992	6007.235	6981.993	3.870
166.466	1.002	14.741					4747.755
11/18/2016 6:55:00 AM	204900.000	12.281	17.690	27.992	5991.788	6964.068	3.859
166.895	1.002	14.743					4735.566
11/18/2016 7:00:00 AM	205200.000	12.280	17.690	27.990	5978.377	6948.521	3.850
167.269	1.002	14.745					4724.994
11/18/2016 7:05:00 AM	205500.000	12.283	17.690	27.997	5965.295	6933.276	3.841
167.636	1.002	14.746					4714.628
11/18/2016 7:10:00 AM	205800.000	12.277	17.691	27.984	5953.381	6919.375	3.833
167.972	1.002	14.747					4705.175
11/18/2016 7:15:00 AM	206100.000	12.278	17.690	27.985	5941.587	6905.734	3.825
168.305	1.002	14.748					4695.899
11/18/2016 7:20:00 AM	206400.000	12.282	17.691	27.994	5932.356	6894.912	3.818
168.567	1.002	14.749					4688.541
11/18/2016 7:25:00 AM	206700.000	12.283	17.691	27.997	5922.893	6883.965	3.812
168.836	1.002	14.749					4681.097
11/18/2016 7:30:00 AM	207000.000	12.279	17.691	27.987	5913.241	6872.695	3.805
169.112	1.002	14.749					4673.433
11/18/2016 7:35:00 AM	207300.000	12.286	17.690	28.004	5905.152	6863.361	3.800
169.344	1.002	14.749					4667.085
11/18/2016 7:40:00 AM	207600.000	12.286	17.691	28.004	5897.258	6854.160	3.794
169.570	1.002	14.749					4660.829
11/18/2016 7:45:00 AM	207900.000	12.287	17.691	28.007	5889.707	6845.383	3.789
169.788	1.002	14.748					4654.861
11/18/2016 7:50:00 AM	208200.000	12.284	17.691	28.000	5883.052	6837.634	3.785
169.980	1.002	14.750					4649.591
11/18/2016 7:55:00 AM	208500.000	12.282	17.690	27.994	5876.448	6830.012	3.780
170.171	1.002	14.751					4644.408
11/18/2016 8:00:00 AM	208800.000	12.283	17.690	27.997	5870.500	6823.100	3.776
170.343	1.002	14.752					4639.708
11/18/2016 8:05:00 AM	209100.000	12.282	17.691	27.995	5864.172	6815.705	3.772
170.527	1.002	14.754					4634.680
11/18/2016 8:10:00 AM	209400.000	12.285	17.691	28.002	5858.090	6808.647	3.767
170.704	1.002	14.755					4629.880
11/18/2016 8:15:00 AM	209700.000	12.285	17.690	28.001	5853.879	6803.846	3.765
170.827	1.002	14.757					4626.616
11/18/2016 8:20:00 AM	210000.000	12.285	17.690	28.002	5848.386	6797.396	3.761
170.987	1.002	14.757					4622.229
11/18/2016 8:25:00 AM	210300.000	12.287	17.691	28.006	5840.447	6788.064	3.755
171.220	1.002	14.757					4615.883
11/18/2016 8:30:00 AM	210600.000	12.282	17.690	27.995	5836.884	6784.082	3.753
171.324	1.002	14.757					4613.175
11/18/2016 8:35:00 AM	210900.000	12.282	17.691	27.994	5832.088	6778.389	3.749
171.465	1.002	14.757					4609.304

11/18/2016 8:40:00 AM	211200.000	12.287	17.690	28.006	5825.444	6770.812	3.745	4604.152
171.661	1.002	14.758						
11/18/2016 8:45:00 AM	211500.000	12.288	17.691	28.009	5819.901	6764.250	3.741	4599.690
171.824	1.002	14.758						
11/18/2016 8:50:00 AM	211800.000	12.283	17.691	27.998	5815.428	6758.986	3.738	4596.110
171.986	1.002	14.757						
11/18/2016 8:55:00 AM	212100.000	12.288	17.690	28.008	5809.668	6752.396	3.734	4591.629
172.127	1.002	14.757						
11/18/2016 9:00:00 AM	212400.000	12.289	17.690	28.010	5804.446	6746.326	3.731	4587.502
172.282	1.002	14.756						
11/18/2016 9:05:00 AM	212700.000	12.282	17.691	27.995	5799.640	6740.701	3.727	4583.677
172.424	1.002	14.759						
11/18/2016 9:10:00 AM	213000.000	12.285	17.691	28.000	5795.559	6735.970	3.724	4580.459
172.546	1.002	14.761						
11/18/2016 9:15:00 AM	213300.000	12.277	17.691	27.983	5791.790	6731.563	3.722	4577.464
172.658	1.002	14.763						
11/18/2016 9:20:00 AM	213600.000	12.284	17.691	27.998	5785.052	6723.693	3.717	4572.112
172.859	1.001	14.761						
11/18/2016 9:25:00 AM	213900.000	12.286	17.690	28.004	5782.525	6720.835	3.715	4570.168
172.935	1.001	14.759						
11/18/2016 9:30:00 AM	214200.000	12.288	17.690	28.009	5778.933	6716.673	3.713	4567.338
173.042	1.001	14.757						
11/18/2016 9:35:00 AM	214500.000	12.287	17.691	28.006	5773.836	6710.722	3.710	4563.291
173.195	1.001	14.758						
11/18/2016 9:40:00 AM	214800.000	12.282	17.690	27.994	5770.528	6706.917	3.707	4560.704
173.294	1.001	14.758						
11/18/2016 9:45:00 AM	215100.000	12.282	17.690	27.996	5764.893	6700.342	3.703	4556.233
173.464	1.001	14.759						
11/18/2016 9:50:00 AM	215400.000	12.287	17.690	28.007	5761.618	6696.536	3.701	4553.645
173.562	1.001	14.756						
11/18/2016 9:55:00 AM	215700.000	12.290	17.690	28.013	5758.355	6692.794	3.699	4551.100
173.661	1.001	14.754						
11/18/2016 10:00:00 AM	216000.000	12.286	17.690	28.003	5755.111	6689.024	3.697	4548.536
173.759	1.001	14.752						
11/18/2016 10:05:00 AM	216300.000	12.289	17.691	28.011	5750.230	6683.261	3.693	4544.617
173.906	1.001	14.754						
11/18/2016 10:10:00 AM	216600.000	12.284	17.690	28.000	5748.021	6680.758	3.692	4542.916
173.973	1.001	14.756						
11/18/2016 10:15:00 AM	216900.000	12.280	17.690	27.990	5744.506	6676.686	3.689	4540.146
174.079	1.001	14.759						
11/18/2016 10:20:00 AM	217200.000	12.284	17.690	28.000	5740.572	6672.075	3.687	4537.012
174.199	1.001	14.756						
11/18/2016 10:25:00 AM	217500.000	12.280	17.691	27.991	5736.984	6667.891	3.684	4534.166
174.308	1.001	14.753						
11/18/2016 10:30:00 AM	217800.000	12.287	17.691	28.006	5734.077	6664.475	3.682	4531.843
174.396	1.001	14.750						
11/18/2016 10:35:00 AM	218100.000	12.285	17.691	28.001	5731.559	6661.573	3.680	4529.870
174.473	1.001	14.752						
11/18/2016 10:40:00 AM	218400.000	12.278	17.691	27.986	5729.755	6659.488	3.679	4528.452
174.528	1.001	14.753						
11/18/2016 10:45:00 AM	218700.000	12.281	17.690	27.993	5727.113	6656.433	3.677	4526.375
174.608	1.001	14.755						
11/18/2016 10:50:00 AM	219000.000	12.278	17.690	27.985	5724.841	6653.804	3.676	4524.587
174.677	1.001	14.753						
11/18/2016 10:55:00 AM	219300.000	12.278	17.690	27.986	5721.936	6650.465	3.674	4522.316
174.766	1.001	14.752						
11/18/2016 11:00:00 AM	219600.000	12.279	17.690	27.989	5719.660	6647.782	3.672	4520.492
174.836	1.001	14.750						
11/18/2016 11:05:00 AM	219900.000	12.275	17.690	27.979	5716.671	6644.296	3.670	4518.122
174.927	1.001	14.751						
11/18/2016 11:10:00 AM	220200.000	12.279	17.690	27.988	5714.231	6641.550	3.669	4516.254
175.002	1.001	14.751						
11/18/2016 11:15:00 AM	220500.000	12.278	17.690	27.985	5711.460	6638.290	3.667	4514.037
175.087	1.001	14.752						
11/18/2016 11:20:00 AM	220800.000	12.282	17.690	27.994	5709.073	6635.477	3.665	4512.125
175.160	1.001	14.748						
11/18/2016 11:25:00 AM	221100.000	12.280	17.691	27.990	5707.612	6633.701	3.664	4510.917
175.205	1.001	14.745						
11/18/2016 11:30:00 AM	221400.000	12.286	17.691	28.002	5705.629	6631.448	3.663	4509.385
175.266	1.001	14.741						
11/18/2016 11:35:00 AM	221700.000	12.278	17.690	27.985	5703.068	6628.498	3.661	4507.379
175.344	1.001	14.742						
11/18/2016 11:40:00 AM	222000.000	12.279	17.690	27.989	5700.304	6625.272	3.659	4505.186
175.429	1.001	14.744						
11/18/2016 11:45:00 AM	222300.000	12.279	17.690	27.987	5700.578	6625.642	3.659	4505.437
175.421	1.001	14.746						
11/18/2016 11:50:00 AM	222600.000	12.277	17.690	27.983	5697.780	6622.441	3.657	4503.260
175.507	1.001	14.744						
11/18/2016 11:55:00 AM	222900.000	12.275	17.690	27.979	5695.822	6620.076	3.656	4501.652
175.567	1.001	14.742						
11/18/2016 12:00:00 PM	223200.000	12.276	17.690	27.980	5694.391	6618.400	3.655	4500.513
175.611	1.001	14.740						
11/18/2016 12:05:00 PM	223500.000	12.278	17.690	27.984	5693.738	6617.706	3.655	4500.040
175.632	1.001	14.740						
11/18/2016 12:10:00 PM	223800.000	12.279	17.690	27.987	5693.026	6616.814	3.654	4499.434
175.654	1.001	14.740						
11/18/2016 12:15:00 PM	224100.000	12.272	17.690	27.972	5690.633	6614.097	3.652	4497.586
175.727	1.001	14.740						
11/18/2016 12:20:00 PM	224400.000	12.271	17.691	27.969	5689.450	6612.619	3.652	4496.581
175.764	1.001	14.738						
11/18/2016 12:25:00 PM	224700.000	12.276	17.690	27.980	5689.146	6612.342	3.651	4496.393
175.773	1.001	14.735						
11/18/2016 12:30:00 PM	225000.000	12.275	17.690	27.978	5686.803	6609.619	3.650	4494.541
175.846	1.001	14.732						
11/18/2016 12:35:00 PM	225300.000	12.278	17.690	27.985	5684.745	6607.213	3.648	4492.906
175.909	1.001	14.731						
11/18/2016 12:40:00 PM	225600.000	12.279	17.691	27.988	5683.373	6605.569	3.647	4491.787
175.952	1.001	14.729						
11/18/2016 12:45:00 PM	225900.000	12.277	17.690	27.982	5684.082	6606.431	3.648	4492.374
175.930	1.001	14.728						
11/18/2016 12:50:00 PM	226200.000	12.278	17.691	27.985	5681.610	6603.468	3.646	4490.358
176.006	1.001	14.725						
11/18/2016 12:55:00 PM	226500.000	12.275	17.690	27.979	5681.396	6603.334	3.646	4490.267
176.013	1.001	14.723						
11/18/2016 1:00:00 PM	226800.000	12.279	17.690	27.987	5678.893	6600.399	3.644	4488.271
176.091	1.001	14.720						
11/18/2016 1:05:00 PM	227100.000	12.280	17.690	27.990	5679.230	6600.830	3.645	4488.564
176.080	1.001	14.719						
11/18/2016 1:10:00 PM	227400.000	12.283	17.690	27.996	5677.568	6598.912	3.644	4487.260
176.132	1.001	14.718						
11/18/2016 1:15:00 PM	227700.000	12.282	17.690	27.994	5678.042	6599.399	3.644	4487.592
176.117	1.001	14.716						
11/18/2016 1:20:00 PM	228000.000	12.282	17.690	27.994	5676.945	6598.162	3.643	4486.750
176.151	1.001	14.716						
11/18/2016 1:25:00 PM	228300.000	12.282	17.690	27.994	5676.233	6597.321	3.643	4486.178
176.173	1.001	14.716						
11/18/2016 1:30:00 PM	228600.000	12.282	17.690	27.994	5676.322	6597.424	3.643	4486.249
176.170	1.001	14.715						
11/18/2016 1:35:00 PM	228900.000	12.279	17.690	27.987	5676.098	6597.139	3.642	4486.054
176.177	1.001	14.715						
11/18/2016 1:40:00 PM	229200.000	12.279	17.691	27.987	5675.493	6596.397	3.642	4485.550
176.196	1.001	14.715						
11/18/2016 1:45:00 PM	229500.000	12.278	17.690	27.985	5673.407	6594.023	3.641	4483.937
176.261	1.001	14.715						
11/18/2016 1:50:00 PM	229800.000	12.277	17.690	27.984	5674.429	6595.250	3.641	4484.770
176.229	1.001	14.715						
11/18/2016 1:55:00 PM	230100.000	12.272	17.691	27.972	5673.559	6594.162	3.641	4484.031
176.256	1.001	14.715						
11/18/2016 2:00:00 PM	230400.000	12.275	17.690	27.979	5672.112	6592.556	3.640	4482.938
176.301	1.001	14.715						
11/18/2016 2:05:00 PM	230700.000	12.276	17.690	27.981	5674.092	6594.884		

176.287	1.001	14.710							
11/18/2016 2:15:00 PM	231300.000	12.273	17.690	27.975	5673.311	6593.924	3.641	4483.869	
176.264	1.001	14.708							
11/18/2016 2:20:00 PM	231600.000	12.278	17.690	27.985	5673.736	6594.444	3.641	4484.222	
176.251	1.001	14.706							
11/18/2016 2:25:00 PM	231900.000	12.277	17.690	27.983	5672.740	6593.300	3.640	4483.444	
176.282	1.001	14.704							
11/18/2016 2:30:00 PM	232200.000	12.280	17.690	27.989	5672.134	6592.596	3.640	4482.965	
176.300	1.001	14.702							
11/18/2016 2:35:00 PM	232500.000	12.280	17.690	27.991	5673.018	6593.583	3.640	4483.637	
176.273	1.001	14.701							
11/18/2016 2:40:00 PM	232800.000	12.280	17.690	27.991	5671.546	6591.874	3.639	4482.474	
176.319	1.001	14.700							
11/18/2016 2:45:00 PM	233100.000	12.282	17.690	27.994	5671.918	6592.293	3.640	4482.759	
176.307	1.001	14.699							
11/18/2016 2:50:00 PM	233400.000	12.280	17.690	27.991	5671.207	6591.519	3.639	4482.232	
176.329	1.001	14.699							
11/18/2016 2:55:00 PM	233700.000	12.280	17.690	27.990	5670.533	6590.695	3.639	4481.673	
176.350	1.001	14.699							
11/18/2016 3:00:00 PM	234000.000	12.274	17.690	27.976	5670.278	6590.439	3.639	4481.499	
176.358	1.001	14.700							
11/18/2016 3:05:00 PM	234300.000	12.274	17.691	27.976	5670.386	6590.449	3.639	4481.505	
176.355	1.001	14.700							
11/18/2016 3:10:00 PM	234600.000	12.277	17.690	27.982	5671.070	6591.396	3.639	4482.149	
176.334	1.001	14.701							
11/18/2016 3:15:00 PM	234900.000	12.271	17.691	27.969	5670.335	6590.376	3.639	4481.456	
176.356	1.001	14.701							
11/18/2016 3:20:00 PM	235200.000	12.279	17.690	27.987	5669.413	6589.433	3.638	4480.814	
176.385	1.001	14.700							
11/18/2016 3:25:00 PM	235500.000	12.274	17.690	27.977	5670.122	6590.218	3.638	4481.349	
176.363	1.001	14.699							
11/18/2016 3:30:00 PM	235800.000	12.276	17.690	27.981	5671.695	6592.086	3.640	4482.619	
176.314	1.001	14.698							
11/18/2016 3:35:00 PM	236100.000	12.276	17.690	27.981	5671.062	6591.375	3.639	4482.135	
176.334	1.001	14.699							
11/18/2016 3:40:00 PM	236400.000	12.279	17.690	27.987	5671.601	6591.962	3.639	4482.534	
176.317	1.001	14.700							
11/18/2016 3:45:00 PM	236700.000	12.274	17.690	27.975	5670.885	6591.104	3.639	4481.951	
176.339	1.001	14.701							
11/18/2016 3:50:00 PM	237000.000	12.279	17.691	27.988	5670.458	6590.558	3.639	4481.580	
176.353	1.001	14.700							
11/18/2016 3:55:00 PM	237300.000	12.273	17.690	27.974	5672.599	6593.162	3.640	4483.350	
176.286	1.001	14.699							
11/18/2016 4:00:00 PM	237600.000	12.276	17.690	27.981	5671.393	6591.747	3.639	4482.388	
176.324	1.001	14.698							
11/18/2016 4:05:00 PM	237900.000	12.273	17.690	27.974	5671.755	6592.193	3.640	4482.692	
176.312	1.001	14.702							
11/18/2016 4:10:00 PM	238200.000	12.288	17.690	27.963	5674.404	6595.195	3.641	4484.733	
176.230	1.001	14.705							
11/18/2016 4:15:00 PM	238500.000	12.271	17.690	27.969	5672.855	6593.434	3.640	4483.535	
176.278	1.001	14.708							
11/18/2016 4:20:00 PM	238800.000	12.270	17.690	27.966	5675.935	6596.975	3.642	4485.943	
176.182	1.001	14.709							
11/18/2016 4:25:00 PM	239100.000	12.267	17.690	27.960	5675.389	6596.340	3.642	4485.511	
176.199	1.001	14.710							
11/18/2016 4:30:00 PM	239400.000	12.286	17.690	27.959	5676.275	6597.420	3.643	4486.246	
176.172	1.001	14.710							
11/18/2016 4:35:00 PM	239700.000	12.269	17.690	27.965	5675.371	6596.332	3.642	4485.506	
176.200	1.001	14.711							
11/18/2016 4:40:00 PM	240000.000	12.289	17.690	27.964	5677.223	6598.497	3.643	4486.978	
176.142	1.001	14.711							
11/18/2016 4:45:00 PM	240300.000	12.265	17.690	27.956	5675.402	6596.330	3.642	4485.504	
176.199	1.001	14.712							
11/18/2016 4:50:00 PM	240600.000	12.272	17.690	27.971	5678.676	6600.237	3.644	4488.162	
176.097	1.001	14.710							
11/18/2016 4:55:00 PM	240900.000	12.272	17.690	27.973	5677.035	6598.266	3.643	4486.821	
176.148	1.001	14.708							
11/18/2016 5:00:00 PM	241200.000	12.272	17.690	27.972	5678.863	6600.378	3.644	4488.257	
176.092	1.001	14.707							
11/18/2016 5:05:00 PM	241500.000	12.267	17.690	27.961	5679.278	6600.911	3.645	4488.619	
176.079	1.001	14.707							
11/18/2016 5:10:00 PM	241800.000	12.272	17.690	27.972	5679.671	6601.343	3.645	4488.914	
176.067	1.001	14.707							
11/18/2016 5:15:00 PM	242100.000	12.273	17.690	27.974	5679.911	6601.634	3.645	4489.111	
176.059	1.001	14.708							
11/18/2016 5:20:00 PM	242400.000	12.271	17.690	27.969	5681.673	6603.631	3.646	4490.469	
176.005	1.001	14.710							
11/18/2016 5:25:00 PM	242700.000	12.270	17.690	27.967	5682.579	6604.710	3.647	4491.203	
175.976	1.001	14.712							
11/18/2016 5:30:00 PM	243000.000	12.264	17.690	27.953	5682.367	6604.515	3.647	4491.070	
175.983	1.001	14.714							
11/18/2016 5:35:00 PM	243300.000	12.268	17.690	27.962	5684.228	6606.652	3.648	4492.523	
175.925	1.001	14.713							
11/18/2016 5:40:00 PM	243600.000	12.270	17.690	27.966	5683.329	6605.582	3.647	4491.795	
175.963	1.001	14.712							
11/18/2016 5:45:00 PM	243900.000	12.267	17.690	27.961	5684.239	6606.626	3.648	4492.506	
175.925	1.001	14.711							
11/18/2016 5:50:00 PM	244200.000	12.268	17.691	27.963	5684.031	6606.344	3.648	4492.314	
175.931	1.001	14.711							
11/18/2016 5:55:00 PM	244500.000	12.269	17.690	27.964	5683.735	6606.105	3.648	4492.152	
175.941	1.001	14.711							
11/18/2016 6:00:00 PM	244800.000	12.272	17.689	27.973	5684.574	6607.144	3.648	4492.857	
175.915	1.001	14.712							
11/18/2016 6:05:00 PM	245100.000	12.269	17.690	27.964	5684.282	6606.715	3.648	4492.566	
175.924	1.001	14.714							
11/18/2016 6:10:00 PM	245400.000	12.268	17.690	27.963	5683.591	6605.898	3.648	4492.011	
175.945	1.001	14.716							
11/18/2016 6:15:00 PM	245700.000	12.266	17.690	27.958	5683.583	6605.876	3.648	4491.996	
175.945	1.001	14.718							
11/18/2016 6:20:00 PM	246000.000	12.265	17.690	27.956	5685.029	6607.532	3.649	4493.122	
175.901	1.001	14.719							
11/18/2016 6:25:00 PM	246300.000	12.261	17.690	27.946	5684.206	6606.652	3.648	4492.523	
175.926	1.001	14.719							
11/18/2016 6:30:00 PM	246600.000	12.260	17.691	27.944	5686.034	6608.673	3.649	4493.897	
175.870	1.001	14.720							
11/18/2016 6:35:00 PM	246900.000	12.267	17.690	27.960	5685.891	6608.597	3.649	4493.846	
175.874	1.001	14.718							
11/18/2016 6:40:00 PM	247200.000	12.263	17.690	27.952	5686.473	6609.248	3.650	4494.289	
175.856	1.001	14.716							
11/18/2016 6:45:00 PM	247500.000	12.266	17.690	27.958	5685.725	6608.404	3.649	4493.715	
175.879	1.001	14.714							
11/18/2016 6:50:00 PM	247800.000	12.265	17.690	27.955	5687.967	6610.947	3.651	4495.444	
175.810	1.001	14.715							
11/18/2016 6:55:00 PM	248100.000	12.267	17.690	27.961	5687.779	6610.716	3.650	4495.287	
175.816	1.001	14.717							
11/18/2016 7:00:00 PM	248400.000	12.265	17.691	27.956	5688.144	6611.101	3.651	4495.549	
175.804	1.001	14.719							
11/18/2016 7:05:00 PM	248700.000	12.261	17.690	27.946	5689.673	6612.993	3.652	4496.835	
175.757	1.001	14.719							
11/18/2016 7:10:00 PM	249000.000	12.265	17.690	27.957	5688.635	6611.723	3.651	4495.972	
175.789	1.001	14.719							
11/18/2016 7:15:00 PM	249300.000	12.261	17.690	27.946	5689.478	6612.766	3.652	4496.681	
175.763	1.001	14.718							
11/18/2016 7:20:00 PM	249600.000	12.266	17.690	27.958	5689.940	6613.317	3.652	4497.056	
175.749	1.001	14.718							
11/18/2016 7:25:00 PM	249900.000	12.262	17.690	27.949	5690.955	6614.406	3.653	4497.796	
175.717	1.001	14.717							
11/18/2016 7:30:00 PM	250200.000	12.263	17.690	27.951					

11/18/2016 7:45:00 PM	251100.000	12.261	17.690	27.948	5692.536	6616.257	3.654	4499.055
175.669	1.001	14.719						
11/18/2016 7:50:00 PM	251400.000	12.264	17.690	27.954	5693.250	6617.150	3.654	4499.663
175.647	1.001	14.719						
11/18/2016 7:55:00 PM	251700.000	12.265	17.690	27.955	5694.561	6618.648	3.655	4500.681
175.606	1.001	14.720						
11/18/2016 8:00:00 PM	252000.000	12.263	17.690	27.952	5694.465	6618.550	3.655	4500.615
175.609	1.001	14.720						
11/18/2016 8:05:00 PM	252300.000	12.266	17.690	27.957	5697.042	6621.533	3.657	4502.642
175.530	1.001	14.719						
11/18/2016 8:10:00 PM	252600.000	12.268	17.690	27.964	5696.365	6620.824	3.656	4502.161
175.561	1.001	14.719						
11/18/2016 8:15:00 PM	252900.000	12.268	17.690	27.962	5696.884	6621.362	3.657	4502.527
175.535	1.001	14.718						
11/18/2016 8:20:00 PM	253200.000	12.262	17.690	27.949	5697.089	6621.586	3.657	4502.679
175.528	1.001	14.720						
11/18/2016 8:25:00 PM	253500.000	12.260	17.690	27.945	5698.596	6623.352	3.658	4503.879
175.482	1.001	14.721						
11/18/2016 8:30:00 PM	253800.000	12.260	17.690	27.944	5699.950	6624.926	3.659	4504.950
175.440	1.001	14.723						
11/18/2016 8:35:00 PM	254100.000	12.266	17.690	27.957	5700.175	6625.161	3.659	4505.110
175.433	1.001	14.722						
11/18/2016 8:40:00 PM	254400.000	12.267	17.690	27.960	5699.745	6624.648	3.659	4504.761
175.446	1.001	14.720						
11/18/2016 8:45:00 PM	254700.000	12.264	17.690	27.954	5700.565	6625.601	3.659	4505.409
175.421	1.001	14.719						
11/18/2016 8:50:00 PM	255000.000	12.262	17.690	27.949	5701.032	6626.144	3.660	4505.778
175.407	1.001	14.721						
11/18/2016 8:55:00 PM	255300.000	12.264	17.690	27.954	5702.692	6628.099	3.661	4507.108
175.356	1.001	14.723						
11/18/2016 9:00:00 PM	255600.000	12.265	17.690	27.955	5701.127	6626.280	3.660	4505.870
175.404	1.001	14.726						
11/18/2016 9:05:00 PM	255900.000	12.259	17.690	27.943	5704.128	6629.793	3.662	4508.260
175.312	1.001	14.726						
11/18/2016 9:10:00 PM	256200.000	12.259	17.690	27.942	5704.667	6630.382	3.662	4508.660
175.295	1.001	14.726						
11/18/2016 9:15:00 PM	256500.000	12.263	17.690	27.950	5703.768	6629.363	3.661	4507.967
175.323	1.001	14.726						
11/18/2016 9:20:00 PM	256800.000	12.262	17.690	27.948	5705.992	6631.948	3.663	4509.725
175.254	1.001	14.726						
11/18/2016 9:25:00 PM	257100.000	12.262	17.691	27.949	5707.323	6633.405	3.664	4510.716
175.213	1.001	14.726						
11/18/2016 9:30:00 PM	257400.000	12.265	17.689	27.955	5707.445	6633.727	3.664	4510.935
175.210	1.001	14.726						
11/18/2016 9:35:00 PM	257700.000	12.264	17.690	27.953	5711.825	6638.792	3.667	4514.379
175.075	1.001	14.726						
11/18/2016 9:40:00 PM	258000.000	12.259	17.690	27.943	5725.444	6654.543	3.676	4525.090
174.659	1.001	14.727						
11/18/2016 9:45:00 PM	258300.000	12.263	17.690	27.951	5746.019	6678.470	3.690	4541.360
174.034	1.001	14.727						
11/18/2016 9:50:00 PM	258600.000	12.264	17.690	27.954	5762.640	6697.815	3.702	4554.515
173.532	1.001	14.728						
11/18/2016 9:55:00 PM	258900.000	12.258	17.690	27.939	5780.861	6718.967	3.714	4568.898
172.985	1.001	14.729						
11/18/2016 10:00:00 PM	259200.000	12.258	17.689	27.940	5795.620	6736.226	3.725	4580.634
172.544	1.002	14.730						
11/18/2016 10:05:00 PM	259500.000	12.257	17.690	27.937	5811.854	6755.055	3.736	4593.438
172.062	1.002	14.731						
11/18/2016 10:10:00 PM	259800.000	12.259	17.689	27.942	5821.670	6766.490	3.742	4601.213
171.772	1.002	14.732						
11/18/2016 10:15:00 PM	260100.000	12.257	17.690	27.939	5834.028	6780.813	3.751	4610.953
171.408	1.002	14.733						
11/18/2016 10:20:00 PM	260400.000	12.259	17.690	27.941	5845.508	6794.183	3.759	4620.045
171.072	1.002	14.731						
11/18/2016 10:25:00 PM	260700.000	12.263	17.689	27.952	5865.778	6806.147	3.766	4628.181
170.771	1.002	14.728						
11/18/2016 10:30:00 PM	261000.000	12.262	17.690	27.949	5866.433	6818.503	3.773	4636.583
170.461	1.002	14.726						
11/18/2016 10:35:00 PM	261300.000	12.265	17.689	27.957	5874.321	6827.685	3.779	4642.826
170.232	1.002	14.727						
11/18/2016 10:40:00 PM	261600.000	12.260	17.690	27.944	5884.007	6838.890	3.785	4650.445
169.952	1.002	14.729						
11/18/2016 10:45:00 PM	261900.000	12.257	17.689	27.937	5892.140	6848.396	3.791	4656.910
169.718	1.002	14.731						
11/18/2016 10:50:00 PM	262200.000	12.265	17.690	27.957	5898.671	6855.947	3.795	4662.044
169.530	1.002	14.727						
11/18/2016 10:55:00 PM	262500.000	12.264	17.690	27.954	5906.954	6865.601	3.801	4668.609
169.292	1.002	14.723						
11/18/2016 11:00:00 PM	262800.000	12.269	17.690	27.965	5912.695	6872.207	3.805	4673.102
169.128	1.002	14.719						
11/18/2016 11:05:00 PM	263100.000	12.272	17.690	27.971	5919.448	6880.056	3.810	4678.438
168.935	1.002	14.721						
11/18/2016 11:10:00 PM	263400.000	12.270	17.689	27.967	5925.125	6886.748	3.814	4682.989
168.773	1.002	14.723						
11/18/2016 11:15:00 PM	263700.000	12.271	17.689	27.968	5931.274	6893.922	3.818	4687.867
168.598	1.002	14.725						
11/18/2016 11:20:00 PM	264000.000	12.268	17.690	27.964	5936.232	6899.631	3.821	4691.749
168.457	1.002	14.727						
11/18/2016 11:25:00 PM	264300.000	12.263	17.690	27.951	5941.654	6905.906	3.825	4696.016
168.303	1.002	14.729						
11/18/2016 11:30:00 PM	264600.000	12.261	17.690	27.946	5946.442	6911.471	3.828	4699.800
168.168	1.002	14.731						
11/18/2016 11:35:00 PM	264900.000	12.269	17.690	27.964	5952.614	6918.591	3.832	4704.642
167.993	1.002	14.728						
11/18/2016 11:40:00 PM	265200.000	12.272	17.690	27.972	5957.273	6924.087	3.836	4708.380
167.862	1.002	14.725						
11/18/2016 11:45:00 PM	265500.000	12.274	17.690	27.977	5961.568	6929.078	3.839	4711.773
167.741	1.002	14.722						
11/18/2016 11:50:00 PM	265800.000	12.272	17.690	27.972	5967.178	6935.531	3.842	4716.161
167.583	1.002	14.726						
11/18/2016 11:55:00 PM	266100.000	12.267	17.690	27.961	5970.324	6939.228	3.845	4718.676
167.495	1.002	14.731						
11/19/2016 12:00:00 AM	266400.000	12.264	17.689	27.953	5975.565	6945.442	3.848	4722.900
167.348	1.002	14.735						
11/19/2016 12:05:00 AM	266700.000	12.264	17.690	27.954	5978.845	6949.159	3.851	4725.428
167.256	1.002	14.733						
11/19/2016 12:10:00 AM	267000.000	12.267	17.689	27.960	5982.122	6952.981	3.853	4728.027
167.165	1.002	14.730						
11/19/2016 12:15:00 AM	267300.000	12.269	17.690	27.966	5987.806	6959.563	3.857	4732.502
167.006	1.002	14.728						
11/19/2016 12:20:00 AM	267600.000	12.264	17.690	27.953	5989.795	6961.875	3.858	4734.075
166.951	1.002	14.727						
11/19/2016 12:25:00 AM	267900.000	12.272	17.690	27.972	5993.139	6965.705	3.860	4736.680
166.857	1.002	14.726						
11/19/2016 12:30:00 AM	268200.000	12.269	17.690	27.964	5998.440	6971.934	3.864	4740.916
166.710	1.002	14.725						
11/19/2016 12:35:00 AM	268500.000	12.268	17.689	27.963	5999.982	6973.767	3.865	4742.162
166.667	1.002	14.725						
11/19/2016 12:40:00 AM	268800.000	12.273	17.690	27.973	6002.931	6977.127	3.867	4744.446
166.585	1.002	14.725						
11/19/2016 12:45:00 AM	269100.000	12.273	17.690	27.974	6006.179	6980.917	3.869	4747.024
166.495	1.002	14.726						
11/19/2016 12:50:00 AM	269400.000	12.273	17.690	27.973	6008.802	6983.910	3.871	4749.059
166.423	1.002	14.726						
11/19/2016 12:55:00 AM	269700.000	12.272	17.689	27.972	6010.930	6986.465	3.873	4750.797
166.364	1.002	14.727						
11/19/2016 1:00:00 AM	270000.000	12.274	17.690	27.976	6014.089	6990.000	3.875	4753.201
166.276	1.002	14.728						
11/19/2016 1:05:00 AM	270300.000	12.270	17.690	27.967	6015.481	6991.688	3.876	4754.348
166.238	1.002	14.726						
11/19/2016 1:10:00 AM	270600.000	12.271	17.689	27.968	6019.532	6996.463		

166.073	1.002	14.724					
11/19/2016 1:20:00 AM	271200.000	12.277	17.690	27.983	6023.905	7001.505	3.882
166.005	1.002	14.723					
11/19/2016 1:25:00 AM	271500.000	12.273	17.690	27.974	6026.066	7003.976	3.883
165.946	1.002	14.723					
11/19/2016 1:30:00 AM	271800.000	12.274	17.690	27.977	6026.920	7005.024	3.884
165.922	1.002	14.722					
11/19/2016 1:35:00 AM	272100.000	12.279	17.690	27.988	6030.169	7008.785	3.886
165.853	1.002	14.721					
11/19/2016 1:40:00 AM	272400.000	12.281	17.690	27.993	6031.461	7010.315	3.887
165.797	1.002	14.719					
11/19/2016 1:45:00 AM	272700.000	12.279	17.690	27.988	6032.334	7011.288	3.887
165.773	1.002	14.717					
11/19/2016 1:50:00 AM	273000.000	12.277	17.690	27.982	6033.923	7013.096	3.888
165.730	1.002	14.720					
11/19/2016 1:55:00 AM	273300.000	12.276	17.689	27.981	6035.923	7015.529	3.890
165.675	1.002	14.722					
11/19/2016 2:00:00 AM	273600.000	12.273	17.690	27.974	6037.906	7017.697	3.891
165.620	1.002	14.724					
11/19/2016 2:05:00 AM	273900.000	12.278	17.690	27.986	6039.017	7019.097	3.892
165.590	1.002	14.723					
11/19/2016 2:10:00 AM	274200.000	12.278	17.690	27.985	6041.367	7021.801	3.894
165.525	1.002	14.723					
11/19/2016 2:15:00 AM	274500.000	12.279	17.689	27.989	6041.041	7021.517	3.893
165.534	1.002	14.722					
11/19/2016 2:20:00 AM	274800.000	12.281	17.690	27.992	6042.651	7023.267	3.894
165.490	1.002	14.721					
11/19/2016 2:25:00 AM	275100.000	12.283	17.690	27.996	6043.882	7024.683	3.895
165.457	1.002	14.719					
11/19/2016 2:30:00 AM	275400.000	12.280	17.690	27.990	6046.336	7027.577	3.897
165.389	1.002	14.718					
11/19/2016 2:35:00 AM	275700.000	12.282	17.690	27.995	6045.072	7026.066	3.896
165.424	1.002	14.718					
11/19/2016 2:40:00 AM	276000.000	12.283	17.690	27.996	6048.652	7030.214	3.899
165.326	1.002	14.718					
11/19/2016 2:45:00 AM	276300.000	12.282	17.690	27.995	6048.269	7029.850	3.898
165.337	1.002	14.717					
11/19/2016 2:50:00 AM	276600.000	12.282	17.690	27.993	6049.854	7031.692	3.899
165.293	1.002	14.719					
11/19/2016 2:55:00 AM	276900.000	12.281	17.690	27.992	6049.758	7031.540	3.899
165.296	1.002	14.720					
11/19/2016 3:00:00 AM	277200.000	12.283	17.690	27.996	6049.819	7031.611	3.899
165.294	1.002	14.722					
11/19/2016 3:05:00 AM	277500.000	12.280	17.690	27.989	6053.123	7035.438	3.902
165.204	1.002	14.720					
11/19/2016 3:10:00 AM	277800.000	12.286	17.690	28.003	6052.477	7034.688	3.901
165.222	1.002	14.718					
11/19/2016 3:15:00 AM	278100.000	12.285	17.689	28.001	6052.430	7034.715	3.901
165.223	1.002	14.716					
11/19/2016 3:20:00 AM	278400.000	12.285	17.689	28.000	6052.231	7034.469	3.901
165.228	1.002	14.719					
11/19/2016 3:25:00 AM	278700.000	12.280	17.690	27.990	6054.879	7037.438	3.903
165.156	1.002	14.722					
11/19/2016 3:30:00 AM	279000.000	12.273	17.690	27.974	6054.126	7036.658	3.902
165.177	1.002	14.724					
11/19/2016 3:35:00 AM	279300.000	12.275	17.690	27.979	6055.715	7038.464	3.903
165.133	1.002	14.722					
11/19/2016 3:40:00 AM	279600.000	12.284	17.690	27.999	6055.473	7038.128	3.903
165.140	1.002	14.719					
11/19/2016 3:45:00 AM	279900.000	12.282	17.690	27.994	6056.559	7039.458	3.904
165.110	1.002	14.716					
11/19/2016 3:50:00 AM	280200.000	12.282	17.690	27.994	6055.738	7038.436	3.903
165.133	1.002	14.716					
11/19/2016 3:55:00 AM	280500.000	12.283	17.690	27.996	6055.932	7038.729	3.904
165.127	1.002	14.715					
11/19/2016 4:00:00 AM	280800.000	12.288	17.690	28.008	6056.967	7039.919	3.904
165.099	1.002	14.714					
11/19/2016 4:05:00 AM	281100.000	12.285	17.689	28.002	6056.440	7039.361	3.904
165.113	1.002	14.713					
11/19/2016 4:10:00 AM	281400.000	12.290	17.690	28.012	6056.438	7039.317	3.904
165.114	1.002	14.711					
11/19/2016 4:15:00 AM	281700.000	12.285	17.690	28.002	6055.555	7038.306	3.903
165.138	1.002	14.709					
11/19/2016 4:20:00 AM	282000.000	12.289	17.690	28.011	6056.864	7039.787	3.904
165.102	1.002	14.711					
11/19/2016 4:25:00 AM	282300.000	12.285	17.690	28.002	6055.695	7038.440	3.903
165.134	1.002	14.712					
11/19/2016 4:30:00 AM	282600.000	12.288	17.690	28.009	6055.375	7038.042	3.903
165.143	1.002	14.713					
11/19/2016 4:35:00 AM	282900.000	12.287	17.690	28.007	6055.234	7037.918	3.903
165.146	1.002	14.714					
11/19/2016 4:40:00 AM	283200.000	12.288	17.689	28.009	6054.156	7036.707	3.902
165.176	1.002	14.714					
11/19/2016 4:45:00 AM	283500.000	12.283	17.690	27.996	6054.574	7037.167	3.903
165.164	1.002	14.714					
11/19/2016 4:50:00 AM	283800.000	12.290	17.689	28.013	6055.276	7038.008	3.903
165.145	1.002	14.713					
11/19/2016 4:55:00 AM	284100.000	12.287	17.690	28.007	6054.653	7037.243	3.903
165.162	1.002	14.711					
11/19/2016 5:00:00 AM	284400.000	12.293	17.690	28.020	6053.583	7035.958	3.902
165.191	1.002	14.709					
11/19/2016 5:05:00 AM	284700.000	12.285	17.690	28.002	6055.228	7037.885	3.903
165.147	1.002	14.711					
11/19/2016 5:10:00 AM	285000.000	12.288	17.690	28.007	6054.949	7037.519	3.903
165.154	1.002	14.714					
11/19/2016 5:15:00 AM	285300.000	12.285	17.690	28.002	6052.970	7035.260	3.902
165.208	1.002	14.716					
11/19/2016 5:20:00 AM	285600.000	12.288	17.689	28.009	6053.632	7036.124	3.902
165.190	1.002	14.714					
11/19/2016 5:25:00 AM	285900.000	12.283	17.690	27.998	6053.229	7035.492	3.902
165.201	1.002	14.713					
11/19/2016 5:30:00 AM	286200.000	12.289	17.690	28.010	6052.739	7034.950	3.901
165.214	1.002	14.711					
11/19/2016 5:35:00 AM	286500.000	12.285	17.690	28.000	6051.780	7033.877	3.901
165.241	1.002	14.710					
11/19/2016 5:40:00 AM	286800.000	12.291	17.690	28.016	6050.932	7032.904	3.900
165.264	1.002	14.709					
11/19/2016 5:45:00 AM	287100.000	12.292	17.690	28.018	6052.839	7035.108	3.901
165.212	1.002	14.707					
11/19/2016 5:50:00 AM	287400.000	12.289	17.690	28.010	6050.794	7032.773	3.900
165.268	1.002	14.706					
11/19/2016 5:55:00 AM	287700.000	12.294	17.690	28.021	6051.244	7033.295	3.900
165.255	1.002	14.708					
11/19/2016 6:00:00 AM	288000.000	12.290	17.690	28.014	6049.963	7031.778	3.899
165.290	1.002	14.705					
11/19/2016 6:05:00 AM	288300.000	12.293	17.690	28.021	6049.461	7031.223	3.899
165.304	1.002	14.705					
11/19/2016 6:10:00 AM	288600.000	12.293	17.690	28.020	6048.459	7029.949	3.898
165.331	1.002	14.706					
11/19/2016 6:15:00 AM	288900.000	12.289	17.690	28.010	6048.032	7029.507	3.898
165.343	1.002	14.706					
11/19/2016 6:20:00 AM	289200.000	12.289	17.690	28.010	6048.854	7030.531	3.899
165.321	1.002	14.705					
11/19/2016 6:25:00 AM	289500.000	12.293	17.690	28.020	6047.806	7029.244	3.898
165.349	1.002	14.705					
11/19/2016 6:30:00 AM	289800.000	12.295	17.690	28.023	6047.111	7028.504	3.898
165.368	1.002	14.704					
11/19/2016 6:35:00 AM	290100.000	12.288	17.690	28.009	6046.710	7028.011	3.897
165.379	1.002	14.707					
11/19/2016 6:40:00 AM	290400.000	12.292	17.690	28.017	6048.170	7029.655	3.898
165.339	1.002	14.710					
11/19/2016 6:45:00 AM	290700.000	12.288	17.689	28.008	6046.567	7027.900	3.897
165.383	1.002	14.713					

4761.023

4762.704

4763.417

4765.975

4767.015

4767.676

4768.906

4770.560

4772.034

4772.986

4774.825

4774.631

4775.822

4776.785

4778.752

4777.725

4780.546

4780.298

4781.551

4781.447

4781.496

4784.098

4783.587

4783.606

4783.439

4785.458

478

11/19/2016 6:50:00 AM	291000.000	12.285	17.690	28.001	6045.335	7026.399	3.896	4777.951
165.417	1.002	14.711						
11/19/2016 6:55:00 AM	291300.000	12.291	17.690	28.014	6045.651	7026.672	3.896	4778.137
165.408	1.002	14.710						
11/19/2016 7:00:00 AM	291600.000	12.287	17.690	28.007	6044.913	7025.854	3.896	4777.581
165.428	1.002	14.708						
11/19/2016 7:05:00 AM	291900.000	12.293	17.690	28.019	6044.259	7025.109	3.896	4777.074
165.446	1.002	14.708						
11/19/2016 7:10:00 AM	292200.000	12.291	17.690	28.016	6044.252	7025.073	3.895	4777.049
165.446	1.002	14.707						
11/19/2016 7:15:00 AM	292500.000	12.290	17.690	28.013	6042.491	7023.026	3.894	4775.658
165.495	1.002	14.706						
11/19/2016 7:20:00 AM	292800.000	12.285	17.690	28.002	6036.938	7016.626	3.890	4771.307
165.647	1.002	14.705						
11/19/2016 7:25:00 AM	293100.000	12.293	17.690	28.019	6024.183	7001.774	3.882	4761.207
165.998	1.002	14.704						
11/19/2016 7:30:00 AM	293400.000	12.293	17.690	28.021	6008.710	6983.736	3.871	4748.940
166.425	1.002	14.703						
11/19/2016 7:35:00 AM	293700.000	12.291	17.690	28.014	5991.265	6963.554	3.859	4735.217
166.910	1.002	14.706						
11/19/2016 7:40:00 AM	294000.000	12.294	17.690	28.021	5976.193	6945.997	3.849	4723.278
167.331	1.002	14.708						
11/19/2016 7:45:00 AM	294300.000	12.292	17.690	28.018	5963.771	6931.598	3.840	4713.487
167.679	1.002	14.710						
11/19/2016 7:50:00 AM	294600.000	12.293	17.691	28.020	5951.627	6917.310	3.832	4703.771
168.021	1.002	14.709						
11/19/2016 7:55:00 AM	294900.000	12.287	17.690	28.007	5941.758	6905.933	3.825	4696.035
168.300	1.002	14.709						
11/19/2016 8:00:00 AM	295200.000	12.290	17.690	28.013	5930.880	6893.358	3.817	4687.484
168.609	1.002	14.708						
11/19/2016 8:05:00 AM	295500.000	12.293	17.690	28.019	5921.576	6882.450	3.811	4680.066
168.874	1.002	14.708						
11/19/2016 8:10:00 AM	295800.000	12.288	17.690	28.009	5913.647	6873.287	3.806	4673.836
169.100	1.002	14.708						
11/19/2016 8:15:00 AM	296100.000	12.288	17.690	28.008	5903.361	6861.305	3.799	4665.687
169.395	1.002	14.709						
11/19/2016 8:20:00 AM	296400.000	12.289	17.690	28.011	5894.825	6851.371	3.793	4658.933
169.640	1.002	14.707						
11/19/2016 8:25:00 AM	296700.000	12.291	17.690	28.016	5887.103	6842.422	3.787	4652.847
169.863	1.002	14.706						
11/19/2016 8:30:00 AM	297000.000	12.292	17.690	28.018	5877.801	6831.585	3.781	4645.478
170.132	1.002	14.705						
11/19/2016 8:35:00 AM	297300.000	12.292	17.690	28.017	5873.051	6826.077	3.778	4641.732
170.269	1.002	14.706						
11/19/2016 8:40:00 AM	297600.000	12.292	17.690	28.017	5866.688	6818.694	3.773	4636.712
170.454	1.002	14.706						
11/19/2016 8:45:00 AM	297900.000	12.292	17.690	28.017	5857.674	6808.245	3.767	4629.607
170.716	1.002	14.707						
11/19/2016 8:50:00 AM	298200.000	12.296	17.690	28.027	5851.796	6801.452	3.763	4624.988
170.888	1.002	14.708						
11/19/2016 8:55:00 AM	298500.000	12.292	17.690	28.018	5846.319	6795.059	3.759	4620.640
171.048	1.002	14.708						
11/19/2016 9:00:00 AM	298800.000	12.297	17.690	28.028	5838.641	6786.083	3.754	4614.536
171.273	1.002	14.709						
11/19/2016 9:05:00 AM	299100.000	12.288	17.690	28.007	5834.152	6780.892	3.751	4611.007
171.405	1.002	14.711						
11/19/2016 9:10:00 AM	299400.000	12.291	17.690	28.015	5826.629	6772.109	3.746	4605.034
171.626	1.002	14.713						
11/19/2016 9:15:00 AM	299700.000	12.283	17.691	27.998	5821.739	6766.387	3.742	4601.144
171.770	1.002	14.716						
11/19/2016 9:20:00 AM	300000.000	12.282	17.690	27.995	5815.591	6759.267	3.738	4596.302
171.952	1.002	14.715						
11/19/2016 9:25:00 AM	300300.000	12.287	17.691	28.006	5810.019	6752.775	3.734	4591.888
172.116	1.002	14.715						
11/19/2016 9:30:00 AM	300600.000	12.288	17.690	28.007	5805.417	6747.442	3.731	4588.261
172.253	1.002	14.714						
11/19/2016 9:35:00 AM	300900.000	12.290	17.690	28.012	5800.454	6741.751	3.728	4584.391
172.400	1.002	14.713						
11/19/2016 9:40:00 AM	301200.000	12.286	17.690	28.004	5794.977	6735.333	3.724	4580.027
172.563	1.002	14.712						
11/19/2016 9:45:00 AM	301500.000	12.293	17.690	28.019	5791.176	6730.916	3.721	4577.023
172.676	1.002	14.710						
11/19/2016 9:50:00 AM	301800.000	12.287	17.690	28.007	5787.161	6726.289	3.719	4573.877
172.796	1.002	14.711						
11/19/2016 9:55:00 AM	302100.000	12.288	17.690	28.007	5781.291	6719.427	3.715	4569.210
172.972	1.001	14.711						
11/19/2016 10:00:00 AM	302400.000	12.290	17.690	28.012	5777.853	6715.431	3.712	4566.493
173.075	1.001	14.712						
11/19/2016 10:05:00 AM	302700.000	12.292	17.690	28.017	5774.323	6711.341	3.710	4563.712
173.180	1.001	14.710						
11/19/2016 10:10:00 AM	303000.000	12.290	17.690	28.012	5771.518	6708.119	3.708	4561.521
173.265	1.001	14.708						
11/19/2016 10:15:00 AM	303300.000	12.296	17.690	28.027	5767.041	6702.877	3.705	4557.957
173.399	1.001	14.706						
11/19/2016 10:20:00 AM	303600.000	12.296	17.690	28.027	5764.724	6700.185	3.703	4556.125
173.669	1.001	14.707						
11/19/2016 10:25:00 AM	303900.000	12.289	17.691	28.010	5761.946	6696.878	3.701	4553.877
173.552	1.001	14.708						
11/19/2016 10:30:00 AM	304200.000	12.292	17.690	28.016	5757.477	6691.748	3.698	4550.389
173.687	1.001	14.710						
11/19/2016 10:35:00 AM	304500.000	12.293	17.690	28.020	5755.052	6688.904	3.697	4548.455
173.760	1.001	14.710						
11/19/2016 10:40:00 AM	304800.000	12.292	17.690	28.018	5753.228	6686.835	3.695	4547.048
173.815	1.001	14.711						
11/19/2016 10:45:00 AM	305100.000	12.291	17.690	28.016	5750.692	6683.928	3.694	4545.072
173.892	1.001	14.711						
11/19/2016 10:50:00 AM	305400.000	12.286	17.690	28.004	5746.507	6679.024	3.691	4541.737
174.019	1.001	14.712						
11/19/2016 10:55:00 AM	305700.000	12.286	17.690	28.004	5745.708	6678.110	3.690	4541.115
174.043	1.001	14.713						
11/19/2016 11:00:00 AM	306000.000	12.287	17.690	28.005	5744.227	6676.348	3.689	4539.917
174.088	1.001	14.714						
11/19/2016 11:05:00 AM	306300.000	12.289	17.690	28.010	5741.485	6673.187	3.687	4537.768
174.171	1.001	14.712						
11/19/2016 11:10:00 AM	306600.000	12.294	17.690	28.022	5738.562	6669.804	3.685	4535.467
174.260	1.001	14.711						
11/19/2016 11:15:00 AM	306900.000	12.292	17.690	28.018	5738.847	6670.200	3.686	4535.736
174.251	1.001	14.709						
11/19/2016 11:20:00 AM	307200.000	12.286	17.690	28.004	5736.332	6667.198	3.684	4533.695
174.327	1.001	14.709						
11/19/2016 11:25:00 AM	307500.000	12.286	17.690	28.003	5733.772	6664.184	3.682	4531.646
174.405	1.001	14.709						
11/19/2016 11:30:00 AM	307800.000	12.290	17.690	28.013	5732.456	6662.707	3.681	4530.641
174.445	1.001	14.709						
11/19/2016 11:35:00 AM	308100.000	12.284	17.690	28.000	5731.894	6662.065	3.681	4530.205
174.462	1.001	14.710						
11/19/2016 11:40:00 AM	308400.000	12.286	17.690	28.003	5728.094	6657.663	3.678	4527.211
174.578	1.001	14.712						
11/19/2016 11:45:00 AM	308700.000	12.286	17.691	28.003	5727.148	6656.458	3.677	4526.392
174.607	1.001	14.713						
11/19/2016 11:50:00 AM	309000.000	12.284	17.690	28.000	5723.737	6652.573	3.675	4523.750
174.711	1.001	14.710						
11/19/2016 11:55:00 AM	309300.000	12.289	17.690	28.011	5722.986	6651.712	3.675	4523.164
174.734	1.001	14.706						
11/19/2016 12:00:00 PM	309600.000	12.288	17.690	28.008	5719.964	6648.188	3.673	4520.768
174.826	1.001	14.702						
11/19/2016 12:05:00 PM	309900.000	12.293	17.690	28.019	5717.638	6645.445	3.671	4518.903
174.897	1.001	14.702						
11/19/2016 12:10:00 PM	310200.000	12.293	17.690	28.019	5714.895	6642.256	3.669	4516.734
174.981	1.001	14.702						
11/19/2016 12:15:00 PM	310500.000	12.289	17.690	28.010	5714.044	6641.345	3.669</	

175.104	1.001	14.703					
11/19/2016 12:25:00 PM	311100.000	12.291	17.690	28.014	5710.282	6636.985	3.666
175.123	1.001	14.703					
11/19/2016 12:30:00 PM	311400.000	12.290	17.690	28.012	5707.692	6633.924	3.664
175.202	1.001	14.704					
11/19/2016 12:35:00 PM	311700.000	12.285	17.690	28.001	5705.505	6631.356	3.663
175.269	1.001	14.704					
11/19/2016 12:40:00 PM	312000.000	12.289	17.690	28.010	5705.238	6631.072	3.662
175.278	1.001	14.704					
11/19/2016 12:45:00 PM	312300.000	12.289	17.690	28.011	5703.692	6629.313	3.661
175.325	1.001	14.704					
11/19/2016 12:50:00 PM	312600.000	12.281	17.690	27.991	5701.827	6627.120	3.660
175.382	1.001	14.706					
11/19/2016 12:55:00 PM	312900.000	12.280	17.690	27.990	5698.241	6622.965	3.658
175.493	1.001	14.708					
11/19/2016 1:00:00 PM	313200.000	12.278	17.690	27.984	5697.277	6621.768	3.657
175.522	1.001	14.710					
11/19/2016 1:05:00 PM	313500.000	12.280	17.690	27.990	5695.865	6620.152	3.656
175.566	1.001	14.706					
11/19/2016 1:10:00 PM	313800.000	12.284	17.690	27.998	5696.019	6620.317	3.656
175.561	1.001	14.701					
11/19/2016 1:15:00 PM	314100.000	12.292	17.690	28.017	5693.683	6617.603	3.655
175.633	1.001	14.697					
11/19/2016 1:20:00 PM	314400.000	12.287	17.690	28.006	5693.938	6617.899	3.655
175.625	1.001	14.698					
11/19/2016 1:25:00 PM	314700.000	12.289	17.690	28.011	5691.924	6615.534	3.653
175.688	1.001	14.698					
11/19/2016 1:30:00 PM	315000.000	12.287	17.690	28.007	5689.928	6613.251	3.652
175.749	1.001	14.699					
11/19/2016 1:35:00 PM	315300.000	12.288	17.690	28.008	5690.121	6613.501	3.652
175.743	1.001	14.699					
11/19/2016 1:40:00 PM	315600.000	12.287	17.690	28.006	5689.189	6612.445	3.652
175.772	1.001	14.699					
11/19/2016 1:45:00 PM	315900.000	12.286	17.690	28.004	5687.954	6610.957	3.651
175.810	1.001	14.699					
11/19/2016 1:50:00 PM	316200.000	12.287	17.690	28.006	5686.530	6609.328	3.650
175.854	1.001	14.698					
11/19/2016 1:55:00 PM	316500.000	12.285	17.690	28.001	5686.453	6609.250	3.650
175.857	1.001	14.697					
11/19/2016 2:00:00 PM	316800.000	12.289	17.690	28.011	5686.222	6608.957	3.649
175.864	1.001	14.696					
11/19/2016 2:05:00 PM	317100.000	12.284	17.690	28.000	5686.861	6609.725	3.650
175.844	1.001	14.697					
11/19/2016 2:10:00 PM	317400.000	12.288	17.690	28.008	5684.980	6607.526	3.649
175.902	1.001	14.699					
11/19/2016 2:15:00 PM	317700.000	12.288	17.690	28.007	5686.435	6609.191	3.650
175.857	1.001	14.700					
11/19/2016 2:20:00 PM	318000.000	12.281	17.690	27.993	5687.015	6609.853	3.650
175.839	1.001	14.699					
11/19/2016 2:25:00 PM	318300.000	12.289	17.690	28.010	5686.081	6608.780	3.649
175.868	1.001	14.699					
11/19/2016 2:30:00 PM	318600.000	12.287	17.690	28.005	5692.453	6616.224	3.654
175.871	1.001	14.698					
11/19/2016 2:35:00 PM	318900.000	12.288	17.690	28.008	5704.823	6630.627	3.662
175.290	1.001	14.697					
11/19/2016 2:40:00 PM	319200.000	12.290	17.690	28.014	5719.562	6647.757	3.672
174.839	1.001	14.696					
11/19/2016 2:45:00 PM	319500.000	12.288	17.690	28.008	5737.280	6668.326	3.684
174.299	1.001	14.694					
11/19/2016 2:50:00 PM	319800.000	12.292	17.690	28.017	5757.185	6691.514	3.698
173.696	1.001	14.696					
11/19/2016 2:55:00 PM	320100.000	12.287	17.690	28.005	5770.893	6707.433	3.708
173.283	1.001	14.697					
11/19/2016 3:00:00 PM	320400.000	12.291	17.690	28.014	5785.853	6724.780	3.718
172.835	1.001	14.699					
11/19/2016 3:05:00 PM	320700.000	12.291	17.690	28.014	5796.914	6737.663	3.725
172.506	1.002	14.698					
11/19/2016 3:10:00 PM	321000.000	12.287	17.689	28.005	5809.085	6751.863	3.734
172.144	1.002	14.698					
11/19/2016 3:15:00 PM	321300.000	12.288	17.690	28.007	5819.755	6764.199	3.741
171.829	1.002	14.698					
11/19/2016 3:20:00 PM	321600.000	12.288	17.690	28.008	5829.495	6775.532	3.748
171.541	1.002	14.698					
11/19/2016 3:25:00 PM	321900.000	12.282	17.689	28.017	5840.792	6788.715	3.756
171.210	1.002	14.698					
11/19/2016 3:30:00 PM	322200.000	12.291	17.690	28.015	5849.625	6798.902	3.762
170.951	1.002	14.699					
11/19/2016 3:35:00 PM	322500.000	12.291	17.690	28.014	5856.968	6807.502	3.767
170.737	1.002	14.699					
11/19/2016 3:40:00 PM	322800.000	12.290	17.690	28.013	5863.621	6815.196	3.771
170.543	1.002	14.699					
11/19/2016 3:45:00 PM	323100.000	12.285	17.689	28.001	5870.542	6823.308	3.776
170.342	1.002	14.699					
11/19/2016 3:50:00 PM	323400.000	12.289	17.690	28.010	5877.348	6831.178	3.781
170.145	1.002	14.700					
11/19/2016 3:55:00 PM	323700.000	12.287	17.689	28.005	5883.973	6838.918	3.785
169.953	1.002	14.701					
11/19/2016 4:00:00 PM	324000.000	12.287	17.690	28.005	5889.313	6845.096	3.789
169.799	1.002	14.702					
11/19/2016 4:05:00 PM	324300.000	12.281	17.690	27.992	5894.616	6851.249	3.793
169.646	1.002	14.701					
11/19/2016 4:10:00 PM	324600.000	12.281	17.690	27.992	5901.193	6858.894	3.797
169.457	1.002	14.701					
11/19/2016 4:15:00 PM	324900.000	12.288	17.689	28.007	5905.961	6864.474	3.800
169.320	1.002	14.700					
11/19/2016 4:20:00 PM	325200.000	12.284	17.690	27.998	5911.261	6870.580	3.804
169.169	1.002	14.699					
11/19/2016 4:25:00 PM	325500.000	12.284	17.689	27.999	5914.889	6874.890	3.807
169.065	1.002	14.697					
11/19/2016 4:30:00 PM	325800.000	12.289	17.690	28.011	5918.551	6879.054	3.809
168.960	1.002	14.696					
11/19/2016 4:35:00 PM	326100.000	12.285	17.690	28.002	5922.990	6884.227	3.812
168.834	1.002	14.695					
11/19/2016 4:40:00 PM	326400.000	12.291	17.689	28.014	5928.004	6890.095	3.816
168.691	1.002	14.695					
11/19/2016 4:45:00 PM	326700.000	12.292	17.690	28.017	5931.715	6894.368	3.818
168.585	1.002	14.694					
11/19/2016 4:50:00 PM	327000.000	12.291	17.689	28.015	5935.399	6898.716	3.821
168.481	1.002	14.696					
11/19/2016 4:55:00 PM	327300.000	12.292	17.689	28.018	5939.291	6903.199	3.823
168.370	1.002	14.697					
11/19/2016 5:00:00 PM	327600.000	12.290	17.690	28.013	5945.535	6910.432	3.828
168.193	1.002	14.698					
11/19/2016 5:05:00 PM	327900.000	12.288	17.690	28.008	5948.612	6914.020	3.830
168.106	1.002	14.697					
11/19/2016 5:10:00 PM	328200.000	12.288	17.689	28.009	5951.442	6917.323	3.832
168.027	1.002	14.695					
11/19/2016 5:15:00 PM	328500.000	12.295	17.689	28.024	5953.925	6920.222	3.833
167.956	1.002	14.693					
11/19/2016 5:20:00 PM	328800.000	12.290	17.689	28.013	5957.459	6924.343	3.836
167.857	1.002	14.694					
11/19/2016 5:25:00 PM	329100.000	12.288	17.689	28.007	5961.119	6928.570	3.838
167.754	1.002	14.695					
11/19/2016 5:30:00 PM	329400.000	12.289	17.689	28.009	5964.511	6932.527	3.841
167.658	1.002	14.696					
11/19/2016 5:35:00 PM	329700.000	12.293	17.690	28.019	5970.614	6939.565	3.845
167.487	1.002	14.697					
11/19/2016 5:40:00 PM	330000.000	12.289	17.689	28.010	5970.998	6940.105	3.845
167.476	1.002	14.699					
11/19/2016 5:45:00 PM	330300.000	12.288	17.690	28.008	5974.089	6943.632	3.847
167.390	1.002	14.700					
11/19/2016 5:50:00 PM	330600.000	12.292	17.689	28.018	5978.258	6948.504	3.850
167.273	1.002	14.700					

4513.150

4511.068

4509.323

4507.933

4506.441

4503.617

4502.802

4501.703

4501.816

4499.970

4500.172

4498.563

4497.011

4497.182

4496.463

4495.451

4494.343

4494.291

4494.090

4494.614

4493.118

4494.250

4494.700

4493.971

4499.033

4508.827

11/19/2016 5:55:00 PM	330900.000	12.280	17.689	28.013	5980.780	6951.422	3.852	4726.967
167.202	1.002	14.699						
11/19/2016 6:00:00 PM	331200.000	12.296	17.690	28.027	5983.602	6954.688	3.854	4729.188
167.123	1.002	14.699						
11/19/2016 6:05:00 PM	331500.000	12.296	17.689	28.026	5987.737	6959.548	3.857	4732.493
167.008	1.002	14.699						
11/19/2016 6:10:00 PM	331800.000	12.290	17.690	28.013	5989.807	6961.874	3.858	4734.075
166.950	1.002	14.700						
11/19/2016 6:15:00 PM	332100.000	12.290	17.690	28.014	5991.928	6964.325	3.859	4735.741
166.891	1.002	14.700						
11/19/2016 6:20:00 PM	332400.000	12.294	17.689	28.023	5994.767	6967.705	3.861	4738.040
166.812	1.002	14.699						
11/19/2016 6:25:00 PM	332700.000	12.291	17.690	28.015	5997.197	6970.449	3.863	4739.905
166.745	1.002	14.698						
11/19/2016 6:30:00 PM	333000.000	12.298	17.689	28.032	5999.907	6973.679	3.865	4742.102
166.669	1.002	14.697						
11/19/2016 6:35:00 PM	333300.000	12.293	17.690	28.020	6003.500	6977.788	3.867	4744.896
166.570	1.002	14.700						
11/19/2016 6:40:00 PM	333600.000	12.293	17.690	28.019	6005.218	6979.813	3.869	4746.272
166.522	1.002	14.703						
11/19/2016 6:45:00 PM	333900.000	12.288	17.689	28.008	6007.636	6982.677	3.870	4748.221
166.455	1.002	14.706						
11/19/2016 6:50:00 PM	334200.000	12.292	17.690	28.016	6009.774	6985.095	3.872	4749.865
166.396	1.002	14.706						
11/19/2016 6:55:00 PM	334500.000	12.293	17.689	28.020	6011.505	6987.160	3.873	4751.270
166.348	1.002	14.706						
11/19/2016 7:00:00 PM	334800.000	12.291	17.689	28.015	6015.723	6992.036	3.876	4754.585
166.231	1.002	14.705						
11/19/2016 7:05:00 PM	335100.000	12.294	17.689	28.022	6017.310	6993.881	3.877	4755.839
166.187	1.002	14.706						
11/19/2016 7:10:00 PM	335400.000	12.293	17.690	28.019	6019.607	6996.509	3.879	4757.626
166.124	1.002	14.707						
11/19/2016 7:15:00 PM	335700.000	12.296	17.689	28.025	6022.578	7000.030	3.881	4760.021
166.042	1.002	14.708						
11/19/2016 7:20:00 PM	336000.000	12.297	17.689	28.029	6024.908	7002.752	3.882	4761.872
165.978	1.002	14.707						
11/19/2016 7:25:00 PM	336300.000	12.295	17.689	28.023	6027.439	7005.653	3.884	4763.845
165.908	1.002	14.707						
11/19/2016 7:30:00 PM	336600.000	12.297	17.690	28.028	6028.542	7006.921	3.885	4764.707
165.878	1.002	14.706						
11/19/2016 7:35:00 PM	336900.000	12.294	17.690	28.021	6030.683	7009.398	3.886	4766.391
165.819	1.002	14.707						
11/19/2016 7:40:00 PM	337200.000	12.295	17.689	28.024	6034.096	7013.417	3.889	4769.124
165.725	1.002	14.708						
11/19/2016 7:45:00 PM	337500.000	12.295	17.689	28.025	6036.689	7016.405	3.890	4771.156
165.654	1.002	14.709						
11/19/2016 7:50:00 PM	337800.000	12.297	17.690	28.028	6037.326	7017.119	3.891	4771.641
165.636	1.002	14.709						
11/19/2016 7:55:00 PM	338100.000	12.297	17.689	28.028	6039.799	7020.046	3.893	4773.632
165.568	1.002	14.710						
11/19/2016 8:00:00 PM	338400.000	12.297	17.689	28.029	6041.535	7022.077	3.894	4775.013
165.521	1.002	14.711						
11/19/2016 8:05:00 PM	338700.000	12.293	17.690	28.019	6043.485	7024.290	3.895	4776.518
165.467	1.002	14.710						
11/19/2016 8:10:00 PM	339000.000	12.297	17.690	28.029	6045.683	7026.803	3.897	4778.227
165.407	1.002	14.710						
11/19/2016 8:15:00 PM	339300.000	12.294	17.690	28.023	6047.262	7028.680	3.898	4779.503
165.364	1.002	14.710						
11/19/2016 8:20:00 PM	339600.000	12.299	17.690	28.034	6049.198	7030.903	3.899	4781.015
165.311	1.002	14.708						
11/19/2016 8:25:00 PM	339900.000	12.300	17.690	28.034	6051.078	7033.047	3.900	4782.473
165.260	1.002	14.706						
11/19/2016 8:30:00 PM	340200.000	12.299	17.690	28.033	6050.497	7032.413	3.900	4782.041
165.276	1.002	14.704						
11/19/2016 8:35:00 PM	340500.000	12.299	17.689	28.033	6052.940	7035.347	3.902	4784.036
165.209	1.002	14.706						
11/19/2016 8:40:00 PM	340800.000	12.296	17.690	28.030	6054.152	7036.660	3.902	4784.929
165.176	1.002	14.707						
11/19/2016 8:45:00 PM	341100.000	12.291	17.689	28.015	6055.459	7038.222	3.903	4785.991
165.140	1.002	14.709						
11/19/2016 8:50:00 PM	341400.000	12.296	17.689	28.026	6058.235	7041.447	3.905	4788.184
165.065	1.002	14.709						
11/19/2016 8:55:00 PM	341700.000	12.298	17.689	28.030	6057.965	7041.175	3.905	4787.999
165.072	1.002	14.709						
11/19/2016 9:00:00 PM	342000.000	12.295	17.690	28.023	6059.355	7042.735	3.906	4789.060
165.034	1.002	14.708						
11/19/2016 9:05:00 PM	342300.000	12.296	17.689	28.026	6062.843	7046.804	3.908	4791.827
164.939	1.002	14.710						
11/19/2016 9:10:00 PM	342600.000	12.294	17.690	28.022	6063.606	7047.567	3.909	4792.346
164.918	1.002	14.712						
11/19/2016 9:15:00 PM	342900.000	12.296	17.690	28.027	6064.219	7048.347	3.909	4792.876
164.902	1.002	14.714						
11/19/2016 9:20:00 PM	343200.000	12.292	17.689	28.017	6066.224	7050.759	3.911	4794.517
164.847	1.002	14.713						
11/19/2016 9:25:00 PM	343500.000	12.292	17.690	28.018	6065.608	7050.003	3.910	4794.002
164.864	1.002	14.713						
11/19/2016 9:30:00 PM	343800.000	12.299	17.690	28.033	6067.628	7052.310	3.912	4795.571
164.809	1.002	14.713						
11/19/2016 9:35:00 PM	344100.000	12.296	17.689	28.027	6070.137	7055.321	3.913	4797.619
164.741	1.002	14.712						
11/19/2016 9:40:00 PM	344400.000	12.298	17.689	28.030	6070.370	7055.592	3.914	4797.803
164.735	1.002	14.711						
11/19/2016 9:45:00 PM	344700.000	12.301	17.690	28.038	6071.822	7057.213	3.915	4798.905
164.695	1.002	14.710						
11/19/2016 9:50:00 PM	345000.000	12.297	17.690	28.029	6072.865	7058.438	3.915	4799.738
164.667	1.002	14.711						
11/19/2016 9:55:00 PM	345300.000	12.297	17.690	28.028	6073.851	7059.502	3.916	4800.462
164.640	1.002	14.711						
11/19/2016 10:00:00 PM	345600.000	12.300	17.690	28.035	6075.923	7061.965	3.917	4802.136
164.584	1.002	14.711						
11/19/2016 10:05:00 PM	345900.000	12.300	17.689	28.036	6076.868	7063.118	3.918	4802.921
164.558	1.002	14.710						
11/19/2016 10:10:00 PM	346200.000	12.300	17.690	28.036	6078.936	7065.453	3.919	4804.509
164.502	1.002	14.710						
11/19/2016 10:15:00 PM	346500.000	12.300	17.690	28.035	6080.839	7067.637	3.921	4805.994
164.451	1.002	14.710						
11/19/2016 10:20:00 PM	346800.000	12.299	17.690	28.033	6080.333	7067.090	3.920	4805.622
164.465	1.002	14.711						
11/19/2016 10:25:00 PM	347100.000	12.294	17.690	28.022	6083.113	7070.322	3.922	4807.819
164.390	1.002	14.713						
11/19/2016 10:30:00 PM	347400.000	12.297	17.690	28.029	6082.867	7069.995	3.922	4807.596
164.396	1.002	14.714						
11/19/2016 10:35:00 PM	347700.000	12.293	17.690	28.019	6085.080	7072.582	3.924	4809.356
164.336	1.002	14.715						
11/19/2016 10:40:00 PM	348000.000	12.293	17.690	28.020	6085.787	7073.444	3.924	4809.943
164.317	1.002	14.716						
11/19/2016 10:45:00 PM	348300.000	12.290	17.690	28.013	6086.680	7074.483	3.925	4810.648
164.293	1.002	14.716						
11/19/2016 10:50:00 PM	348600.000	12.293	17.690	28.019	6087.252	7075.148	3.925	4811.101
164.278	1.002	14.714						
11/19/2016 10:55:00 PM	348900.000	12.292	17.690	28.017	6091.585	7080.168	3.928	4814.515
164.181	1.002	14.713						
11/19/2016 11:00:00 PM	349200.000	12.300	17.690	28.036	6090.196	7078.541	3.927	4813.408
164.198	1.002	14.711						
11/19/2016 11:05:00 PM	349500.000	12.300	17.690	28.035	6091.938	7080.525	3.928	4814.757
164.151	1.002	14.711						
11/19/2016 11:10:00 PM	349800.000	12.300	17.690	28.035	6092.021	7080.633	3.928	4814.831
164.149	1.002	14.712						
11/19/2016 11:15:00 PM	350100.000	12.298	17.690	28.032	6092.032	7080.674	3.928	4814.858
164.149	1.002	14.712						
11/19/2016 11:20:00 PM	350400.000	12.301	17.690	28.037	6093.949	7082.902	3.930	4816.37

164.085	1.002	14.708					
11/19/2016 11:30:00 PM	351000.000	12.299	17.690	28.033	6095.080	7084.189	3.931
164.067	1.002	14.706					
11/19/2016 11:35:00 PM	351300.000	12.304	17.690	28.045	6096.702	7086.089	3.932
164.023	1.002	14.706					
11/19/2016 11:40:00 PM	351600.000	12.303	17.690	28.041	6097.409	7086.953	3.932
164.004	1.002	14.706					
11/19/2016 11:45:00 PM	351900.000	12.300	17.690	28.035	6096.622	7086.050	3.932
164.025	1.002	14.705					
11/19/2016 11:50:00 PM	352200.000	12.299	17.690	28.032	6097.878	7087.498	3.933
163.991	1.002	14.706					
11/19/2016 11:55:00 PM	352500.000	12.297	17.690	28.028	6098.959	7088.767	3.933
163.962	1.002	14.707					
11/20/2016 12:00:00 AM	352800.000	12.296	17.690	28.025	6100.575	7090.591	3.934
163.919	1.002	14.708					
11/20/2016 12:05:00 AM	353100.000	12.297	17.689	28.028	6099.826	7089.843	3.934
163.939	1.002	14.707					
11/20/2016 12:10:00 AM	353400.000	12.305	17.689	28.047	6101.930	7092.249	3.935
163.883	1.002	14.706					
11/20/2016 12:15:00 AM	353700.000	12.307	17.690	28.052	6100.951	7091.070	3.935
163.909	1.002	14.705					
11/20/2016 12:20:00 AM	354000.000	12.300	17.690	28.035	6101.176	7091.302	3.935
163.903	1.002	14.706					
11/20/2016 12:25:00 AM	354300.000	12.298	17.690	28.031	6102.578	7092.932	3.936
163.865	1.002	14.708					
11/20/2016 12:30:00 AM	354600.000	12.297	17.689	28.029	6102.197	7092.598	3.936
163.875	1.002	14.709					
11/20/2016 12:35:00 AM	354900.000	12.299	17.689	28.033	6102.475	7092.951	3.936
163.868	1.002	14.707					
11/20/2016 12:40:00 AM	355200.000	12.301	17.690	28.038	6102.809	7093.241	3.936
163.859	1.002	14.705					
11/20/2016 12:45:00 AM	355500.000	12.304	17.690	28.044	6101.993	7092.211	3.935
163.881	1.002	14.702					
11/20/2016 12:50:00 AM	355800.000	12.310	17.690	28.057	6102.479	7092.790	3.936
163.868	1.002	14.702					
11/20/2016 12:55:00 AM	356100.000	12.308	17.690	28.053	6105.457	7096.292	3.938
163.788	1.002	14.701					
11/20/2016 1:00:00 AM	356400.000	12.308	17.689	28.054	6104.267	7094.950	3.937
163.820	1.002	14.701					
11/20/2016 1:05:00 AM	356700.000	12.307	17.690	28.052	6104.617	7095.301	3.937
163.810	1.002	14.703					
11/20/2016 1:10:00 AM	357000.000	12.300	17.690	28.035	6106.066	7097.027	3.938
163.772	1.002	14.704					
11/20/2016 1:15:00 AM	357300.000	12.300	17.689	28.035	6107.163	7098.316	3.939
163.742	1.002	14.706					
11/20/2016 1:20:00 AM	357600.000	12.306	17.690	28.049	6108.268	7099.574	3.940
163.713	1.002	14.706					
11/20/2016 1:25:00 AM	357900.000	12.308	17.689	28.053	6108.204	7099.526	3.940
163.714	1.002	14.705					
11/20/2016 1:30:00 AM	358200.000	12.303	17.689	28.042	6109.976	7101.585	3.941
163.667	1.002	14.705					
11/20/2016 1:35:00 AM	358500.000	12.308	17.690	28.055	6111.110	7102.890	3.942
163.636	1.002	14.704					
11/20/2016 1:40:00 AM	358800.000	12.310	17.690	28.058	6111.638	7103.476	3.942
163.622	1.002	14.703					
11/20/2016 1:45:00 AM	359100.000	12.305	17.690	28.047	6112.554	7104.540	3.943
163.598	1.002	14.702					
11/20/2016 1:50:00 AM	359400.000	12.309	17.689	28.056	6113.182	7105.353	3.943
163.581	1.002	14.704					
11/20/2016 1:55:00 AM	359700.000	12.303	17.690	28.043	6112.893	7104.921	3.943
163.589	1.002	14.706					
11/20/2016 2:00:00 AM	360000.000	12.308	17.690	28.053	6115.904	7108.449	3.945
163.508	1.002	14.708					
11/20/2016 2:05:00 AM	360300.000	12.304	17.689	28.045	6115.007	7107.501	3.944
163.532	1.002	14.708					
11/20/2016 2:10:00 AM	360600.000	12.308	17.690	28.054	6115.662	7108.181	3.945
163.515	1.002	14.707					
11/20/2016 2:15:00 AM	360900.000	12.303	17.689	28.043	6117.036	7109.791	3.946
163.478	1.002	14.707					
11/20/2016 2:20:00 AM	361200.000	12.303	17.690	28.041	6118.540	7111.513	3.947
163.438	1.002	14.707					
11/20/2016 2:25:00 AM	361500.000	12.307	17.690	28.052	6118.604	7111.531	3.947
163.436	1.002	14.707					
11/20/2016 2:30:00 AM	361800.000	12.308	17.690	28.053	6119.188	7112.238	3.947
163.420	1.002	14.706					
11/20/2016 2:35:00 AM	362100.000	12.304	17.690	28.044	6119.444	7112.522	3.947
163.414	1.002	14.706					
11/20/2016 2:40:00 AM	362400.000	12.309	17.689	28.055	6121.668	7115.216	3.949
163.354	1.002	14.706					
11/20/2016 2:45:00 AM	362700.000	12.307	17.690	28.052	6120.678	7114.010	3.948
163.381	1.002	14.705					
11/20/2016 2:50:00 AM	363000.000	12.303	17.690	28.042	6121.488	7114.952	3.949
163.359	1.002	14.705					
11/20/2016 2:55:00 AM	363300.000	12.305	17.690	28.048	6121.860	7115.372	3.949
163.349	1.002	14.705					
11/20/2016 3:00:00 AM	363600.000	12.305	17.689	28.048	6122.839	7116.563	3.950
163.323	1.002	14.704					
11/20/2016 3:05:00 AM	363900.000	12.309	17.690	28.057	6124.001	7117.831	3.951
163.292	1.002	14.704					
11/20/2016 3:10:00 AM	364200.000	12.308	17.690	28.054	6122.996	7116.635	3.950
163.319	1.002	14.704					
11/20/2016 3:15:00 AM	364500.000	12.304	17.690	28.044	6123.101	7116.772	3.950
163.316	1.002	14.703					
11/20/2016 3:20:00 AM	364800.000	12.305	17.690	28.048	6124.253	7118.138	3.951
163.285	1.002	14.701					
11/20/2016 3:25:00 AM	365100.000	12.311	17.690	28.060	6123.031	7116.732	3.950
163.318	1.002	14.700					
11/20/2016 3:30:00 AM	365400.000	12.313	17.690	28.065	6124.274	7118.178	3.951
163.285	1.002	14.698					
11/20/2016 3:35:00 AM	365700.000	12.310	17.689	28.059	6124.236	7118.160	3.951
163.286	1.002	14.698					
11/20/2016 3:40:00 AM	366000.000	12.309	17.690	28.055	6123.150	7116.856	3.950
163.315	1.002	14.699					
11/20/2016 3:45:00 AM	366300.000	12.307	17.690	28.051	6123.765	7117.586	3.950
163.298	1.002	14.700					
11/20/2016 3:50:00 AM	366600.000	12.310	17.690	28.058	6125.101	7119.151	3.951
163.263	1.002	14.699					
11/20/2016 3:55:00 AM	366900.000	12.310	17.689	28.059	6126.913	7121.298	3.953
163.214	1.002	14.698					
11/20/2016 4:00:00 AM	367200.000	12.307	17.690	28.051	6126.960	7121.284	3.953
163.213	1.002	14.697					
11/20/2016 4:05:00 AM	367500.000	12.310	17.690	28.057	6127.975	7122.450	3.953
163.186	1.002	14.697					
11/20/2016 4:10:00 AM	367800.000	12.304	17.690	28.045	6127.719	7122.182	3.953
163.193	1.002	14.697					
11/20/2016 4:15:00 AM	368100.000	12.305	17.689	28.047	6129.429	7124.210	3.954
163.147	1.002	14.697					
11/20/2016 4:20:00 AM	368400.000	12.304	17.689	28.045	6129.992	7124.864	3.955
163.132	1.002	14.699					
11/20/2016 4:25:00 AM	368700.000	12.303	17.690	28.042	6130.572	7125.482	3.955
163.117	1.002	14.700					
11/20/2016 4:30:00 AM	369000.000	12.301	17.690	28.038	6130.812	7125.776	3.955
163.111	1.002	14.702					
11/20/2016 4:35:00 AM	369300.000	12.303	17.689	28.041	6132.315	7127.578	3.956
163.071	1.002	14.700					
11/20/2016 4:40:00 AM	369600.000	12.309	17.690	28.056	6134.667	7130.258	3.958
163.008	1.002	14.699					
11/20/2016 4:45:00 AM	369900.000	12.307	17.689	28.051	6136.860	7132.860	3.959
162.950	1.002	14.697					
11/20/2016 4:50:00 AM	370200.000	12.312	17.690	28.064	6135.950	7131.720	3.959
162.974	1.002	14.697					
11/20/2016 4:55:00 AM	370500.000	12.309	17.689	28.055	6139.063	7135.408	3.961
162.891	1.002	14.698					

11/20/2016 5:00:00 AM	370800.000	12.310	17.690	28.057	6139.287	7135.627	3.961	4852.227
162.885	1.002	14.698						
11/20/2016 5:05:00 AM	371100.000	12.312	17.689	28.063	6140.538	7137.148	3.962	4853.261
162.852	1.002	14.698						
11/20/2016 5:10:00 AM	371400.000	12.308	17.689	28.054	6142.506	7139.396	3.963	4854.789
162.800	1.002	14.698						
11/20/2016 5:15:00 AM	371700.000	12.309	17.690	28.055	6142.845	7139.747	3.964	4855.028
162.791	1.002	14.698						
11/20/2016 5:20:00 AM	372000.000	12.316	17.690	28.072	6144.801	7142.007	3.965	4856.565
162.739	1.002	14.697						
11/20/2016 5:25:00 AM	372300.000	12.314	17.690	28.067	6144.660	7141.872	3.965	4856.474
162.743	1.002	14.697						
11/20/2016 5:30:00 AM	372600.000	12.309	17.690	28.055	6144.742	7141.910	3.965	4856.499
162.741	1.002	14.697						
11/20/2016 5:35:00 AM	372900.000	12.315	17.690	28.070	6146.589	7144.114	3.966	4857.998
162.692	1.002	14.698						
11/20/2016 5:40:00 AM	373200.000	12.315	17.689	28.070	6147.254	7144.914	3.967	4858.542
162.674	1.002	14.699						
11/20/2016 5:45:00 AM	373500.000	12.308	17.690	28.055	6148.782	7146.621	3.968	4859.703
162.634	1.002	14.700						
11/20/2016 5:50:00 AM	373800.000	12.308	17.690	28.054	6148.582	7146.361	3.967	4859.526
162.639	1.002	14.700						
11/20/2016 5:55:00 AM	374100.000	12.313	17.690	28.064	6147.834	7145.561	3.967	4858.981
162.659	1.002	14.700						
11/20/2016 6:00:00 AM	374400.000	12.317	17.690	28.073	6147.233	7144.863	3.967	4858.508
162.675	1.002	14.700						
11/20/2016 6:05:00 AM	374700.000	12.314	17.690	28.066	6150.429	7148.590	3.969	4861.041
162.590	1.002	14.702						
11/20/2016 6:10:00 AM	375000.000	12.313	17.690	28.064	6148.242	7146.006	3.967	4859.284
162.648	1.002	14.705						
11/20/2016 6:15:00 AM	375300.000	12.311	17.690	28.060	6151.314	7149.606	3.969	4861.732
162.567	1.002	14.707						
11/20/2016 6:20:00 AM	375600.000	12.314	17.690	28.067	6149.316	7147.242	3.968	4860.125
162.620	1.002	14.705						
11/20/2016 6:25:00 AM	375900.000	12.311	17.690	28.062	6150.368	7148.519	3.969	4860.993
162.592	1.002	14.703						
11/20/2016 6:30:00 AM	376200.000	12.317	17.690	28.075	6150.630	7148.754	3.969	4861.153
162.585	1.002	14.701						
11/20/2016 6:35:00 AM	376500.000	12.311	17.690	28.060	6149.257	7147.173	3.968	4860.078
162.621	1.002	14.703						
11/20/2016 6:40:00 AM	376800.000	12.311	17.689	28.060	6150.177	7148.366	3.969	4860.889
162.597	1.002	14.704						
11/20/2016 6:45:00 AM	377100.000	12.309	17.690	28.055	6149.112	7147.059	3.968	4860.000
162.625	1.002	14.705						
11/20/2016 6:50:00 AM	377400.000	12.314	17.690	28.067	6148.860	7146.725	3.968	4859.773
162.632	1.002	14.704						
11/20/2016 6:55:00 AM	377700.000	12.312	17.690	28.064	6148.768	7146.617	3.968	4859.700
162.634	1.002	14.703						
11/20/2016 7:00:00 AM	378000.000	12.313	17.690	28.066	6148.992	7146.892	3.968	4859.887
162.628	1.002	14.703						
11/20/2016 7:05:00 AM	378300.000	12.314	17.690	28.066	6146.535	7144.022	3.966	4857.936
162.693	1.002	14.705						
11/20/2016 7:10:00 AM	378600.000	12.314	17.690	28.068	6147.941	7145.616	3.967	4859.019
162.656	1.002	14.708						
11/20/2016 7:15:00 AM	378900.000	12.313	17.690	28.065	6146.376	7143.797	3.966	4857.782
162.697	1.002	14.710						
11/20/2016 7:20:00 AM	379200.000	12.312	17.690	28.062	6147.537	7145.187	3.967	4858.728
162.667	1.002	14.710						
11/20/2016 7:25:00 AM	379500.000	12.308	17.690	28.054	6147.425	7145.085	3.967	4858.658
162.670	1.002	14.710						
11/20/2016 7:30:00 AM	379800.000	12.309	17.690	28.056	6144.888	7142.095	3.965	4856.625
162.737	1.002	14.709						
11/20/2016 7:35:00 AM	380100.000	12.311	17.690	28.060	6145.924	7143.285	3.966	4857.434
162.709	1.002	14.708						
11/20/2016 7:40:00 AM	380400.000	12.318	17.689	28.076	6145.404	7142.763	3.965	4857.080
162.723	1.002	14.706						
11/20/2016 7:45:00 AM	380700.000	12.320	17.689	28.082	6143.834	7140.939	3.964	4855.839
162.765	1.002	14.704						
11/20/2016 7:50:00 AM	381000.000	12.318	17.690	28.078	6143.349	7140.361	3.964	4855.445
162.778	1.002	14.703						
11/20/2016 7:55:00 AM	381300.000	12.318	17.690	28.076	6142.653	7139.497	3.963	4854.858
162.796	1.002	14.703						
11/20/2016 8:00:00 AM	381600.000	12.316	17.689	28.072	6143.763	7140.883	3.964	4855.801
162.767	1.002	14.702						
11/20/2016 8:05:00 AM	381900.000	12.320	17.689	28.080	6141.790	7138.563	3.963	4854.223
162.819	1.002	14.703						
11/20/2016 8:10:00 AM	382200.000	12.320	17.690	28.080	6140.500	7136.996	3.962	4853.158
162.853	1.002	14.705						
11/20/2016 8:15:00 AM	382500.000	12.313	17.690	28.064	6140.705	7137.233	3.962	4853.319
162.848	1.002	14.706						
11/20/2016 8:20:00 AM	382800.000	12.320	17.690	28.081	6140.384	7136.777	3.962	4853.009
162.856	1.002	14.708						
11/20/2016 8:25:00 AM	383100.000	12.317	17.690	28.074	6139.508	7135.854	3.961	4852.382
162.880	1.002	14.709						
11/20/2016 8:30:00 AM	383400.000	12.313	17.690	28.065	6139.715	7136.083	3.961	4852.536
162.874	1.002	14.711						
11/20/2016 8:35:00 AM	383700.000	12.316	17.689	28.072	6139.214	7135.569	3.961	4852.187
162.887	1.002	14.710						
11/20/2016 8:40:00 AM	384000.000	12.319	17.690	28.079	6136.063	7131.892	3.959	4849.687
162.971	1.002	14.709						
11/20/2016 8:45:00 AM	384300.000	12.322	17.690	28.085	6137.911	7133.958	3.960	4851.091
162.922	1.002	14.707						
11/20/2016 8:50:00 AM	384600.000	12.314	17.689	28.067	6135.449	7131.219	3.958	4849.229
162.987	1.002	14.709						
11/20/2016 8:55:00 AM	384900.000	12.315	17.689	28.070	6136.866	7132.839	3.959	4850.332
162.950	1.002	14.711						
11/20/2016 9:00:00 AM	385200.000	12.313	17.690	28.065	6137.543	7133.544	3.960	4850.810
162.932	1.002	14.713						
11/20/2016 9:05:00 AM	385500.000	12.317	17.690	28.075	6135.011	7130.642	3.958	4848.837
162.999	1.002	14.712						
11/20/2016 9:10:00 AM	385800.000	12.318	17.689	28.076	6134.229	7129.775	3.958	4848.248
163.020	1.002	14.711						
11/20/2016 9:15:00 AM	386100.000	12.316	17.690	28.072	6133.189	7128.510	3.957	4847.387
163.047	1.002	14.710						
11/20/2016 9:20:00 AM	386400.000	12.321	17.689	28.084	6132.203	7127.420	3.956	4846.646
163.074	1.002	14.709						
11/20/2016 9:25:00 AM	386700.000	12.320	17.690	28.082	6132.470	7127.688	3.956	4846.829
163.066	1.002	14.707						
11/20/2016 9:30:00 AM	387000.000	12.319	17.690	28.078	6132.210	7127.414	3.956	4846.642
163.073	1.002	14.708						
11/20/2016 9:35:00 AM	387300.000	12.318	17.690	28.076	6130.693	7125.610	3.955	4845.415
163.114	1.002	14.707						
11/20/2016 9:40:00 AM	387600.000	12.317	17.690	28.075	6130.691	7125.594	3.955	4845.405
163.114	1.002	14.707						
11/20/2016 9:45:00 AM	387900.000	12.317	17.690	28.075	6129.895	7124.696	3.955	4844.793
163.135	1.002	14.708						
11/20/2016 9:50:00 AM	388200.000	12.317	17.690	28.074	6129.576	7124.255	3.954	4844.494
163.143	1.002	14.709						
11/20/2016 9:55:00 AM	388500.000	12.319	17.690	28.079	6127.062	7121.431	3.953	4842.573
163.210	1.002	14.710						
11/20/2016 10:00:00 AM	388800.000	12.317	17.690	28.074	6128.270	7122.766	3.953	4843.480
163.178	1.002	14.711						
11/20/2016 10:05:00 AM	389100.000	12.318	17.690	28.076	6126.529	7120.742	3.952	4842.105
163.225	1.002	14.708						
11/20/2016 10:10:00 AM	389400.000	12.327	17.689	28.097	6125.526	7119.660	3.952	4841.369
163.251	1.002	14.705						
11/20/2016 10:15:00 AM	389700.000	12.324	17.690	28.090	6127.868	7122.325	3.953	4843.182
163.189	1.002	14.702						
11/20/2016 10:20:00 AM	390000.000	12.321	17.690	28.083	6125.790	7119.952	3.952	4841.567
163.244	1.002	14.703						
11/20/2016 10:25:00 AM	390300.000	12.327	17.690	28.096	6126.339	7120.548	3.952	4841.973

163.302	1.002	14.705					
11/20/2016 10:35:00 AM	390900.000	12.323	17.689	28.087	6125.579	7119.721	3.952
163.250	1.002	14.708					
11/20/2016 10:40:00 AM	391200.000	12.321	17.690	28.083	6122.998	7116.707	3.950
163.319	1.002	14.710					
11/20/2016 10:45:00 AM	391500.000	12.318	17.689	28.076	6123.714	7117.621	3.950
163.300	1.002	14.713					
11/20/2016 10:50:00 AM	391800.000	12.320	17.690	28.081	6121.216	7114.608	3.949
163.366	1.002	14.712					
11/20/2016 10:55:00 AM	392100.000	12.321	17.689	28.082	6122.372	7116.020	3.949
163.335	1.002	14.711					
11/20/2016 11:00:00 AM	392400.000	12.321	17.690	28.084	6121.520	7114.961	3.949
163.358	1.002	14.710					
11/20/2016 11:05:00 AM	392700.000	12.319	17.690	28.080	6121.321	7114.746	3.949
163.363	1.002	14.709					
11/20/2016 11:10:00 AM	393000.000	12.321	17.690	28.084	6122.660	7116.273	3.950
163.328	1.002	14.709					
11/20/2016 11:15:00 AM	393300.000	12.321	17.690	28.084	6120.808	7114.120	3.948
163.377	1.002	14.708					
11/20/2016 11:20:00 AM	393600.000	12.316	17.690	28.073	6122.752	7116.421	3.950
163.325	1.002	14.707					
11/20/2016 11:25:00 AM	393900.000	12.318	17.690	28.077	6120.616	7113.926	3.948
163.382	1.002	14.705					
11/20/2016 11:30:00 AM	394200.000	12.323	17.690	28.089	6121.925	7115.460	3.949
163.347	1.002	14.704					
11/20/2016 11:35:00 AM	394500.000	12.320	17.690	28.081	6121.322	7114.689	3.949
163.363	1.002	14.701					
11/20/2016 11:40:00 AM	394800.000	12.328	17.690	28.100	6120.146	7113.338	3.948
163.395	1.002	14.698					
11/20/2016 11:45:00 AM	395100.000	12.329	17.689	28.101	6120.414	7113.772	3.948
163.388	1.002	14.696					
11/20/2016 11:50:00 AM	395400.000	12.329	17.690	28.100	6121.860	7115.331	3.949
163.349	1.002	14.696					
11/20/2016 11:55:00 AM	395700.000	12.327	17.690	28.097	6120.062	7113.240	3.948
163.397	1.002	14.696					
11/20/2016 12:00:00 PM	396000.000	12.321	17.689	28.084	6121.028	7114.432	3.948
163.371	1.002	14.697					
11/20/2016 12:05:00 PM	396300.000	12.324	17.690	28.091	6119.145	7112.216	3.947
163.422	1.002	14.698					
11/20/2016 12:10:00 PM	396600.000	12.325	17.690	28.091	6120.509	7113.773	3.948
163.385	1.002	14.699					
11/20/2016 12:15:00 PM	396900.000	12.323	17.690	28.087	6118.955	7111.954	3.947
163.427	1.002	14.700					
11/20/2016 12:20:00 PM	397200.000	12.322	17.690	28.086	6119.540	7112.660	3.947
163.411	1.002	14.698					
11/20/2016 12:25:00 PM	397500.000	12.323	17.690	28.087	6119.789	7112.880	3.948
163.404	1.002	14.697					
11/20/2016 12:30:00 PM	397800.000	12.318	17.689	28.077	6121.616	7115.142	3.949
163.356	1.002	14.696					
11/20/2016 12:35:00 PM	398100.000	12.319	17.690	28.078	6119.362	7112.468	3.947
163.416	1.002	14.696					
11/20/2016 12:40:00 PM	398400.000	12.319	17.690	28.079	6120.531	7113.812	3.948
163.385	1.002	14.695					
11/20/2016 12:45:00 PM	398700.000	12.321	17.690	28.084	6120.194	7113.366	3.948
163.394	1.002	14.695					
11/20/2016 12:50:00 PM	399000.000	12.325	17.690	28.092	6119.502	7112.589	3.947
163.412	1.002	14.693					
11/20/2016 12:55:00 PM	399300.000	12.325	17.690	28.093	6117.278	7110.031	3.946
163.471	1.002	14.692					
11/20/2016 1:00:00 PM	399600.000	12.322	17.689	28.086	6119.972	7113.204	3.948
163.399	1.002	14.691					
11/20/2016 1:05:00 PM	399900.000	12.320	17.689	28.080	6117.605	7110.454	3.946
163.463	1.002	14.693					
11/20/2016 1:10:00 PM	400200.000	12.322	17.689	28.085	6116.785	7109.526	3.946
163.485	1.002	14.695					
11/20/2016 1:15:00 PM	400500.000	12.318	17.690	28.077	6116.266	7108.882	3.945
163.498	1.002	14.697					
11/20/2016 1:20:00 PM	400800.000	12.318	17.689	28.076	6117.326	7110.129	3.946
163.470	1.002	14.693					
11/20/2016 1:25:00 PM	401100.000	12.325	17.690	28.092	6115.786	7108.283	3.945
163.511	1.002	14.689					
11/20/2016 1:30:00 PM	401400.000	12.329	17.689	28.101	6116.525	7109.198	3.945
163.492	1.002	14.685					
11/20/2016 1:35:00 PM	401700.000	12.323	17.690	28.087	6115.350	7107.776	3.945
163.523	1.002	14.684					
11/20/2016 1:40:00 PM	402000.000	12.329	17.690	28.101	6117.614	7110.449	3.946
163.462	1.002	14.684					
11/20/2016 1:45:00 PM	402300.000	12.328	17.690	28.099	6115.344	7107.811	3.945
163.523	1.002	14.684					
11/20/2016 1:50:00 PM	402600.000	12.328	17.690	28.099	6115.337	7107.803	3.945
163.523	1.002	14.682					
11/20/2016 1:55:00 PM	402900.000	12.329	17.689	28.102	6115.258	7107.725	3.945
163.525	1.002	14.681					
11/20/2016 2:00:00 PM	403200.000	12.326	17.690	28.094	6114.140	7106.383	3.944
163.555	1.002	14.680					
11/20/2016 2:05:00 PM	403500.000	12.331	17.689	28.106	6115.904	7108.502	3.945
163.598	1.002	14.679					
11/20/2016 2:10:00 PM	403800.000	12.327	17.690	28.096	6114.218	7106.420	3.944
163.563	1.002	14.677					
11/20/2016 2:15:00 PM	404100.000	12.333	17.690	28.112	6113.792	7105.995	3.943
163.565	1.002	14.676					
11/20/2016 2:20:00 PM	404400.000	12.327	17.690	28.097	6112.977	7105.059	3.943
163.586	1.002	14.677					
11/20/2016 2:25:00 PM	404700.000	12.328	17.690	28.098	6113.173	7105.288	3.943
163.581	1.002	14.678					
11/20/2016 2:30:00 PM	405000.000	12.330	17.689	28.104	6113.741	7105.989	3.943
163.566	1.002	14.680					
11/20/2016 2:35:00 PM	405300.000	12.330	17.690	28.105	6113.660	7105.812	3.943
163.568	1.002	14.679					
11/20/2016 2:40:00 PM	405600.000	12.330	17.689	28.104	6112.844	7104.945	3.943
163.590	1.002	14.679					
11/20/2016 2:45:00 PM	405900.000	12.329	17.689	28.101	6112.550	7104.578	3.943
163.598	1.002	14.679					
11/20/2016 2:50:00 PM	406200.000	12.327	17.690	28.097	6113.219	7105.341	3.943
163.580	1.002	14.677					
11/20/2016 2:55:00 PM	406500.000	12.326	17.690	28.094	6113.533	7105.706	3.943
163.572	1.002	14.675					
11/20/2016 3:00:00 PM	406800.000	12.334	17.690	28.113	6112.599	7104.579	3.943
163.597	1.002	14.674					
11/20/2016 3:05:00 PM	407100.000	12.328	17.689	28.099	6113.119	7105.266	3.943
163.583	1.002	14.677					
11/20/2016 3:10:00 PM	407400.000	12.332	17.689	28.108	6112.453	7104.479	3.943
163.600	1.002	14.680					
11/20/2016 3:15:00 PM	407700.000	12.323	17.689	28.087	6112.420	7104.427	3.943
163.601	1.002	14.683					
11/20/2016 3:20:00 PM	408000.000	12.330	17.690	28.103	6113.905	7106.084	3.944
163.562	1.002	14.682					
11/20/2016 3:25:00 PM	408300.000	12.329	17.689	28.101	6113.970	7106.254	3.944
163.560	1.002	14.682					
11/20/2016 3:30:00 PM	408600.000	12.331	17.690	28.106	6113.378	7105.525	3.943
163.576	1.002	14.681					
11/20/2016 3:35:00 PM	408900.000	12.327	17.690	28.096	6114.228	7106.444	3.944
163.553	1.002	14.682					
11/20/2016 3:40:00 PM	409200.000	12.332	17.690	28.107	6114.046	7106.248	3.944
163.558	1.002	14.682					
11/20/2016 3:45:00 PM	409500.000	12.330	17.690	28.104	6115.486	7107.879	3.945
163.519	1.002	14.682					
11/20/2016 3:50:00 PM	409800.000	12.326	17.690	28.094	6112.696	7104.705	3.943
163.594	1.002	14.682					
11/20/2016 3:55:00 PM	410100.000	12.326	17.690	28.094	6113.038	7105.130	3.943
163.585	1.002	14.681					
11/20/2016 4:00:00 PM	410400.000	12.332	17.689	28.107	6112.813	7104.910	3.943
163.591	1.002	14.681					

4841.411

4839.361

4839.982

4837.934

4838.894

4838.174

4838.027

4839.065

4837.602

4839.167

4837.470

4838.513

4837.989

4837.070

4837.366

4838.425

4837.003

4837.814

4836.308

4837.366

4836.129

4836.608

4836.759

4838.296

4836.479

4837.392

11/20/2016 4:05:00 PM	410700.000	12.328	17.690	28.100	6111.088	7102.823	3.942	4829.920
163.637	1.002	14.681						
11/20/2016 4:10:00 PM	411000.000	12.326	17.690	28.095	6112.204	7104.161	3.942	4830.829
163.607	1.002	14.680						
11/20/2016 4:15:00 PM	411300.000	12.330	17.689	28.104	6111.889	7103.823	3.942	4830.600
163.616	1.002	14.680						
11/20/2016 4:20:00 PM	411600.000	12.326	17.689	28.094	6111.409	7103.251	3.942	4830.211
163.628	1.002	14.681						
11/20/2016 4:25:00 PM	411900.000	12.324	17.690	28.091	6110.491	7102.128	3.941	4829.447
163.653	1.002	14.682						
11/20/2016 4:30:00 PM	412200.000	12.324	17.690	28.089	6109.194	7100.621	3.940	4828.422
163.688	1.002	14.682						
11/20/2016 4:35:00 PM	412500.000	12.325	17.690	28.092	6107.811	7098.986	3.939	4827.311
163.725	1.002	14.680						
11/20/2016 4:40:00 PM	412800.000	12.327	17.690	28.097	6109.508	7101.000	3.941	4828.681
163.679	1.002	14.677						
11/20/2016 4:45:00 PM	413100.000	12.334	17.689	28.112	6107.216	7098.418	3.939	4826.925
163.741	1.002	14.674						
11/20/2016 4:50:00 PM	413400.000	12.333	17.689	28.111	6106.993	7098.119	3.939	4826.721
163.747	1.002	14.675						
11/20/2016 4:55:00 PM	413700.000	12.331	17.690	28.106	6106.858	7097.906	3.939	4826.576
163.750	1.002	14.676						
11/20/2016 5:00:00 PM	414000.000	12.331	17.689	28.106	6106.280	7097.304	3.938	4826.167
163.766	1.002	14.677						
11/20/2016 5:05:00 PM	414300.000	12.331	17.690	28.107	6107.242	7098.353	3.939	4826.880
163.740	1.002	14.677						
11/20/2016 5:10:00 PM	414600.000	12.332	17.690	28.109	6105.718	7096.622	3.938	4825.703
163.781	1.002	14.678						
11/20/2016 5:15:00 PM	414900.000	12.332	17.689	28.109	6105.675	7096.601	3.938	4825.689
163.782	1.002	14.678						
11/20/2016 5:20:00 PM	415200.000	12.328	17.690	28.100	6107.951	7099.218	3.939	4827.468
163.721	1.002	14.679						
11/20/2016 5:25:00 PM	415500.000	12.333	17.690	28.111	6106.539	7097.549	3.938	4826.333
163.759	1.002	14.679						
11/20/2016 5:30:00 PM	415800.000	12.333	17.690	28.111	6104.918	7095.639	3.937	4825.035
163.802	1.002	14.680						
11/20/2016 5:35:00 PM	416100.000	12.332	17.690	28.109	6106.192	7097.105	3.938	4826.032
163.768	1.002	14.681						
11/20/2016 5:40:00 PM	416400.000	12.328	17.690	28.100	6106.123	7097.081	3.938	4826.015
163.770	1.002	14.683						
11/20/2016 5:45:00 PM	416700.000	12.333	17.689	28.111	6105.067	7095.894	3.937	4825.208
163.798	1.002	14.684						
11/20/2016 5:50:00 PM	417000.000	12.331	17.690	28.105	6107.334	7098.488	3.939	4826.973
163.738	1.002	14.684						
11/20/2016 5:55:00 PM	417300.000	12.335	17.689	28.116	6105.555	7096.447	3.938	4825.584
163.785	1.002	14.685						
11/20/2016 6:00:00 PM	417600.000	12.335	17.689	28.115	6104.558	7095.314	3.937	4824.814
163.812	1.002	14.685						
11/20/2016 6:05:00 PM	417900.000	12.335	17.689	28.114	6104.061	7094.710	3.937	4824.404
163.825	1.002	14.686						
11/20/2016 6:10:00 PM	418200.000	12.332	17.690	28.109	6105.223	7096.035	3.938	4825.305
163.794	1.002	14.688						
11/20/2016 6:15:00 PM	418500.000	12.332	17.689	28.109	6104.898	7095.684	3.937	4825.065
163.803	1.002	14.689						
11/20/2016 6:20:00 PM	418800.000	12.333	17.689	28.110	6104.359	7095.071	3.937	4824.649
163.817	1.002	14.688						
11/20/2016 6:25:00 PM	419100.000	12.330	17.690	28.104	6106.689	7097.710	3.939	4826.444
163.755	1.002	14.686						
11/20/2016 6:30:00 PM	419400.000	12.336	17.689	28.118	6104.925	7095.715	3.937	4825.086
163.802	1.002	14.684						
11/20/2016 6:35:00 PM	419700.000	12.336	17.690	28.118	6104.159	7094.798	3.937	4824.462
163.823	1.002	14.685						
11/20/2016 6:40:00 PM	420000.000	12.337	17.690	28.121	6104.469	7095.170	3.937	4824.716
163.814	1.002	14.685						
11/20/2016 6:45:00 PM	420300.000	12.336	17.689	28.118	6104.069	7094.720	3.937	4824.410
163.825	1.002	14.685						
11/20/2016 6:50:00 PM	420600.000	12.331	17.689	28.107	6103.242	7093.759	3.936	4823.756
163.847	1.002	14.687						
11/20/2016 6:55:00 PM	420900.000	12.333	17.690	28.112	6103.679	7094.225	3.936	4824.073
163.836	1.002	14.688						
11/20/2016 7:00:00 PM	421200.000	12.328	17.690	28.100	6105.327	7096.140	3.938	4825.375
163.791	1.002	14.689						
11/20/2016 7:05:00 PM	421500.000	12.327	17.689	28.096	6103.342	7093.889	3.936	4823.845
163.845	1.002	14.689						
11/20/2016 7:10:00 PM	421800.000	12.329	17.689	28.101	6103.284	7093.808	3.936	4823.790
163.846	1.002	14.689						
11/20/2016 7:15:00 PM	422100.000	12.330	17.690	28.103	6105.243	7096.071	3.938	4825.328
163.794	1.002	14.689						
11/20/2016 7:20:00 PM	422400.000	12.335	17.690	28.116	6103.822	7094.392	3.937	4824.187
163.832	1.002	14.688						
11/20/2016 7:25:00 PM	422700.000	12.335	17.690	28.116	6103.006	7093.470	3.936	4823.560
163.854	1.002	14.687						
11/20/2016 7:30:00 PM	423000.000	12.331	17.690	28.106	6103.244	7093.678	3.936	4823.701
163.847	1.002	14.686						
11/20/2016 7:35:00 PM	423300.000	12.332	17.689	28.109	6103.417	7093.977	3.936	4823.904
163.843	1.002	14.685						
11/20/2016 7:40:00 PM	423600.000	12.335	17.689	28.115	6103.113	7093.623	3.936	4823.664
163.851	1.002	14.684						
11/20/2016 7:45:00 PM	423900.000	12.336	17.689	28.117	6102.363	7092.778	3.936	4823.090
163.871	1.002	14.683						
11/20/2016 7:50:00 PM	424200.000	12.334	17.689	28.113	6103.209	7093.761	3.936	4823.758
163.848	1.002	14.687						
11/20/2016 7:55:00 PM	424500.000	12.330	17.690	28.104	6105.109	7095.888	3.937	4825.204
163.797	1.002	14.691						
11/20/2016 8:00:00 PM	424800.000	12.334	17.689	28.113	6102.449	7092.851	3.936	4823.139
163.869	1.002	14.695						
11/20/2016 8:05:00 PM	425100.000	12.332	17.689	28.108	6103.250	7093.809	3.936	4823.790
163.847	1.002	14.694						
11/20/2016 8:10:00 PM	425400.000	12.333	17.690	28.110	6103.437	7093.930	3.936	4823.873
163.842	1.002	14.692						
11/20/2016 8:15:00 PM	425700.000	12.334	17.690	28.114	6103.085	7093.535	3.936	4823.604
163.852	1.002	14.691						
11/20/2016 8:20:00 PM	426000.000	12.340	17.689	28.127	6103.429	7094.017	3.936	4823.932
163.842	1.002	14.691						
11/20/2016 8:25:00 PM	426300.000	12.340	17.690	28.126	6103.642	7094.182	3.936	4824.044
163.837	1.002	14.691						
11/20/2016 8:30:00 PM	426600.000	12.337	17.690	28.119	6103.372	7093.884	3.936	4823.841
163.844	1.002	14.691						
11/20/2016 8:35:00 PM	426900.000	12.340	17.689	28.127	6103.187	7093.695	3.936	4823.713
163.849	1.002	14.692						
11/20/2016 8:40:00 PM	427200.000	12.334	17.690	28.114	6104.701	7095.440	3.937	4824.900
163.808	1.002	14.693						
11/20/2016 8:45:00 PM	427500.000	12.337	17.690	28.120	6102.996	7093.417	3.936	4823.523
163.854	1.002	14.693						
11/20/2016 8:50:00 PM	427800.000	12.339	17.690	28.124	6103.365	7093.888	3.936	4823.844
163.844	1.002	14.694						
11/20/2016 8:55:00 PM	428100.000	12.339	17.689	28.125	6102.944	7093.427	3.936	4823.531
163.855	1.002	14.694						
11/20/2016 9:00:00 PM	428400.000	12.339	17.689	28.124	6102.774	7093.229	3.936	4823.396
163.860	1.002	14.694						
11/20/2016 9:05:00 PM	428700.000	12.335	17.690	28.114	6102.740	7093.134	3.936	4823.332
163.861	1.002	14.694						
11/20/2016 9:10:00 PM	429000.000	12.334	17.690	28.114	6104.725	7095.427	3.937	4824.890
163.808	1.002	14.694						
11/20/2016 9:15:00 PM	429300.000	12.335	17.690	28.115	6102.293	7092.588	3.936	4822.960
163.873	1.002	14.693						
11/20/2016 9:20:00 PM	429600.000	12.336	17.689	28.118	6103.541	7094.189	3.936	4824.048
163.839	1.002	14.691						
11/20/2016 9:25:00 PM	429900.000	12.343	17.689	28.134	6101.270	7091.549	3.935	4822.254
163.900	1.002	14.689						
11/20/2016 9:30:00 PM	430200.000	12.344	17.689	28.136	6102.404	7092.785	3.936	4823.094
163.870	1.002	14.687						
11/20/2016 9:35:00 PM	430500.000	12.339	17.689	28.124	6101.7			

163.889	1.002	14.689					
11/20/2016 9:40:00 PM	430800.000	12.338	17.690	28.121	6101.732	7091.977	3.935
163.888	1.002	14.691					
11/20/2016 9:45:00 PM	431100.000	12.338	17.690	28.122	6102.199	7092.532	3.935
163.875	1.002	14.693					
11/20/2016 9:50:00 PM	431400.000	12.339	17.690	28.125	6102.067	7092.352	3.935
163.879	1.002	14.693					
11/20/2016 9:55:00 PM	431700.000	12.335	17.689	28.116	6102.210	7092.586	3.936
163.875	1.002	14.692					
11/20/2016 10:00:00 PM	432000.000	12.336	17.690	28.118	6102.274	7092.592	3.936
163.873	1.002	14.691					
11/20/2016 10:05:00 PM	432300.000	12.342	17.690	28.131	6102.838	7093.248	3.936
163.859	1.002	14.693					
11/20/2016 10:10:00 PM	432600.000	12.336	17.690	28.117	6102.642	7092.993	3.936
163.863	1.002	14.694					
11/20/2016 10:15:00 PM	432900.000	12.333	17.689	28.111	6102.167	7092.536	3.935
163.876	1.002	14.696					
11/20/2016 10:20:00 PM	433200.000	12.332	17.690	28.109	6104.665	7095.371	3.937
163.809	1.002	14.696					
11/20/2016 10:25:00 PM	433500.000	12.338	17.689	28.121	6103.336	7093.882	3.936
163.845	1.002	14.696					
11/20/2016 10:30:00 PM	433800.000	12.338	17.689	28.121	6104.146	7094.810	3.937
163.823	1.002	14.696					
11/20/2016 10:35:00 PM	434100.000	12.336	17.689	28.117	6103.338	7093.925	3.936
163.845	1.002	14.696					
11/20/2016 10:40:00 PM	434400.000	12.341	17.690	28.129	6102.948	7093.391	3.936
163.855	1.002	14.696					
11/20/2016 10:45:00 PM	434700.000	12.341	17.689	28.129	6102.941	7093.423	3.936
163.855	1.002	14.696					
11/20/2016 10:50:00 PM	435000.000	12.335	17.689	28.114	6104.149	7094.813	3.937
163.823	1.002	14.699					
11/20/2016 10:55:00 PM	435300.000	12.341	17.690	28.128	6103.592	7094.152	3.936
163.838	1.002	14.701					
11/20/2016 11:00:00 PM	435600.000	12.335	17.689	28.116	6105.756	7096.696	3.938
163.780	1.002	14.703					
11/20/2016 11:05:00 PM	435900.000	12.335	17.690	28.116	6103.270	7093.764	3.936
163.847	1.002	14.704					
11/20/2016 11:10:00 PM	436200.000	12.339	17.690	28.124	6104.125	7094.759	3.937
163.824	1.002	14.706					
11/20/2016 11:15:00 PM	436500.000	12.335	17.690	28.115	6105.633	7096.524	3.938
163.783	1.002	14.708					
11/20/2016 11:20:00 PM	436800.000	12.336	17.690	28.119	6104.638	7095.326	3.937
163.810	1.002	14.707					
11/20/2016 11:25:00 PM	437100.000	12.341	17.690	28.129	6104.931	7095.626	3.937
163.802	1.002	14.706					
11/20/2016 11:30:00 PM	437400.000	12.341	17.689	28.128	6106.315	7097.372	3.938
163.765	1.002	14.705					
11/20/2016 11:35:00 PM	437700.000	12.340	17.690	28.127	6105.330	7096.159	3.938
163.791	1.002	14.704					
11/20/2016 11:40:00 PM	438000.000	12.339	17.689	28.125	6105.892	7096.893	3.938
163.776	1.002	14.703					
11/20/2016 11:45:00 PM	438300.000	12.344	17.690	28.135	6103.764	7094.283	3.937
163.833	1.002	14.701					
11/20/2016 11:50:00 PM	438600.000	12.342	17.689	28.131	6105.000	7095.817	3.937
163.800	1.002	14.701					
11/20/2016 11:55:00 PM	438900.000	12.336	17.689	28.118	6104.916	7095.719	3.937
163.802	1.002	14.701					
11/21/2016 12:00:00 AM	439200.000	12.340	17.690	28.127	6106.350	7097.344	3.938
163.764	1.002	14.701					
11/21/2016 12:05:00 AM	439500.000	12.340	17.690	28.127	6107.308	7098.429	3.939
163.738	1.002	14.701					
11/21/2016 12:10:00 AM	439800.000	12.342	17.690	28.132	6104.689	7095.426	3.937
163.809	1.002	14.701					
11/21/2016 12:15:00 AM	440100.000	12.342	17.690	28.131	6104.568	7095.274	3.937
163.812	1.002	14.701					
11/21/2016 12:20:00 AM	440400.000	12.336	17.690	28.116	6104.431	7095.115	3.937
163.815	1.002	14.703					
11/21/2016 12:25:00 AM	440700.000	12.341	17.689	28.129	6104.854	7095.673	3.937
163.804	1.002	14.705					
11/21/2016 12:30:00 AM	441000.000	12.339	17.690	28.123	6105.493	7096.361	3.938
163.787	1.002	14.707					
11/21/2016 12:35:00 AM	441300.000	12.339	17.690	28.124	6104.194	7094.839	3.937
163.822	1.002	14.706					
11/21/2016 12:40:00 AM	441600.000	12.342	17.690	28.130	6104.620	7095.346	3.937
163.810	1.002	14.705					
11/21/2016 12:45:00 AM	441900.000	12.339	17.689	28.123	6104.726	7095.510	3.937
163.808	1.002	14.704					
11/21/2016 12:50:00 AM	442200.000	12.346	17.690	28.141	6105.067	7095.825	3.937
163.798	1.002	14.702					
11/21/2016 12:55:00 AM	442500.000	12.343	17.690	28.132	6104.724	7095.425	3.937
163.808	1.002	14.701					
11/21/2016 1:00:00 AM	442800.000	12.350	17.689	28.150	6105.109	7095.929	3.938
163.797	1.002	14.699					
11/21/2016 1:05:00 AM	443100.000	12.342	17.689	28.131	6105.854	7096.835	3.938
163.777	1.002	14.702					
11/21/2016 1:10:00 AM	443400.000	12.339	17.690	28.125	6104.613	7095.269	3.937
163.811	1.002	14.704					
11/21/2016 1:15:00 AM	443700.000	12.342	17.689	28.131	6105.787	7096.716	3.938
163.779	1.002	14.707					
11/21/2016 1:20:00 AM	444000.000	12.337	17.689	28.119	6105.953	7096.910	3.938
163.775	1.002	14.708					
11/21/2016 1:25:00 AM	444300.000	12.342	17.690	28.131	6105.200	7095.993	3.938
163.795	1.002	14.710					
11/21/2016 1:30:00 AM	444600.000	12.336	17.690	28.118	6103.737	7094.320	3.937
163.834	1.002	14.711					
11/21/2016 1:35:00 AM	444900.000	12.344	17.690	28.135	6105.787	7096.661	3.938
163.779	1.002	14.710					
11/21/2016 1:40:00 AM	445200.000	12.345	17.689	28.139	6106.825	7097.964	3.939
163.751	1.002	14.708					
11/21/2016 1:45:00 AM	445500.000	12.344	17.689	28.135	6105.017	7095.848	3.937
163.800	1.002	14.706					
11/21/2016 1:50:00 AM	445800.000	12.347	17.689	28.142	6105.574	7096.524	3.938
163.785	1.002	14.708					
11/21/2016 1:55:00 AM	446100.000	12.344	17.690	28.136	6104.499	7095.152	3.937
163.814	1.002	14.709					
11/21/2016 2:00:00 AM	446400.000	12.344	17.690	28.135	6105.142	7095.926	3.938
163.796	1.002	14.711					
11/21/2016 2:05:00 AM	446700.000	12.341	17.690	28.129	6105.886	7096.805	3.938
163.776	1.002	14.709					
11/21/2016 2:10:00 AM	447000.000	12.347	17.690	28.143	6105.653	7096.535	3.938
163.783	1.002	14.708					
11/21/2016 2:15:00 AM	447300.000	12.349	17.690	28.147	6105.881	7096.758	3.938
163.777	1.002	14.706					
11/21/2016 2:20:00 AM	447600.000	12.341	17.690	28.129	6106.223	7097.168	3.938
163.767	1.002	14.708					
11/21/2016 2:25:00 AM	447900.000	12.340	17.689	28.126	6106.550	7097.618	3.939
163.759	1.002	14.709					
11/21/2016 2:30:00 AM	448200.000	12.344	17.690	28.136	6106.603	7097.639	3.939
163.757	1.002	14.711					
11/21/2016 2:35:00 AM	448500.000	12.340	17.690	28.126	6107.646	7098.851	3.939
163.729	1.002	14.711					
11/21/2016 2:40:00 AM	448800.000	12.344	17.689	28.136	6105.585	7096.483	3.938
163.784	1.002	14.711					
11/21/2016 2:45:00 AM	449100.000	12.339	17.689	28.125	6107.243	7098.410	3.939
163.740	1.002	14.711					
11/21/2016 2:50:00 AM	449400.000	12.342	17.689	28.131	6105.603	7096.570	3.938
163.784	1.002	14.715					
11/21/2016 2:55:00 AM	449700.000	12.339	17.690	28.125	6105.257	7096.087	3.938
163.793	1.002	14.718					
11/21/2016 3:00:00 AM	450000.000	12.331	17.689	28.107	6106.687	7097.763	3.939
163.755	1.002	14.722					
11/21/2016 3:05:00 AM	450300.000	12.340	17.690	28.127	6106.432	7097.440	3.938
163.762	1.002	14.718					

11/21/2016 3:10:00 AM	450600.000	12.344	17.690	28.136	6105.814	7096.693	3.938	4825.751
163.778	1.002	14.714						
11/21/2016 3:15:00 AM	450900.000	12.347	17.689	28.143	6106.429	7097.518	3.938	4826.312
163.762	1.002	14.710						
11/21/2016 3:20:00 AM	451200.000	12.342	17.690	28.131	6105.578	7096.418	3.938	4825.565
163.785	1.002	14.711						
11/21/2016 3:25:00 AM	451500.000	12.345	17.690	28.139	6106.320	7097.322	3.938	4826.179
163.765	1.002	14.712						
11/21/2016 3:30:00 AM	451800.000	12.343	17.690	28.134	6107.071	7098.126	3.939	4826.726
163.745	1.002	14.713						
11/21/2016 3:35:00 AM	452100.000	12.341	17.689	28.129	6108.687	7100.087	3.940	4828.059
163.701	1.002	14.712						
11/21/2016 3:40:00 AM	452400.000	12.348	17.690	28.145	6108.417	7099.690	3.940	4827.790
163.709	1.002	14.711						
11/21/2016 3:45:00 AM	452700.000	12.348	17.689	28.145	6107.507	7098.770	3.939	4827.164
163.733	1.002	14.711						
11/21/2016 3:50:00 AM	453000.000	12.348	17.689	28.144	6106.038	7097.076	3.938	4826.012
163.772	1.002	14.711						
11/21/2016 3:55:00 AM	453300.000	12.346	17.690	28.141	6108.121	7099.388	3.940	4827.584
163.716	1.002	14.712						
11/21/2016 4:00:00 AM	453600.000	12.346	17.689	28.140	6107.069	7098.248	3.939	4826.809
163.745	1.002	14.712						
11/21/2016 4:05:00 AM	453900.000	12.348	17.689	28.144	6106.738	7097.822	3.939	4826.520
163.754	1.002	14.715						
11/21/2016 4:10:00 AM	454200.000	12.345	17.690	28.137	6106.819	7097.902	3.939	4826.574
163.751	1.002	14.718						
11/21/2016 4:15:00 AM	454500.000	12.343	17.690	28.133	6107.564	7098.756	3.939	4827.155
163.731	1.002	14.721						
11/21/2016 4:20:00 AM	454800.000	12.342	17.690	28.132	6106.035	7096.978	3.938	4825.945
163.772	1.002	14.720						
11/21/2016 4:25:00 AM	455100.000	12.344	17.689	28.136	6105.625	7096.582	3.938	4825.676
163.783	1.002	14.719						
11/21/2016 4:30:00 AM	455400.000	12.345	17.689	28.138	6106.168	7097.214	3.938	4826.105
163.769	1.002	14.718						
11/21/2016 4:35:00 AM	455700.000	12.347	17.689	28.142	6107.801	7099.084	3.939	4827.377
163.725	1.002	14.718						
11/21/2016 4:40:00 AM	456000.000	12.347	17.690	28.143	6107.160	7098.271	3.939	4826.825
163.742	1.002	14.718						
11/21/2016 4:45:00 AM	456300.000	12.348	17.690	28.144	6106.328	7097.319	3.938	4826.177
163.765	1.002	14.718						
11/21/2016 4:50:00 AM	456600.000	12.345	17.689	28.137	6107.080	7098.273	3.939	4826.827
163.744	1.002	14.717						
11/21/2016 4:55:00 AM	456900.000	12.346	17.690	28.141	6106.764	7097.838	3.939	4826.530
163.753	1.002	14.717						
11/21/2016 5:00:00 AM	457200.000	12.351	17.690	28.153	6106.784	7097.792	3.939	4826.500
163.752	1.002	14.716						
11/21/2016 5:05:00 AM	457500.000	12.345	17.690	28.139	6106.691	7097.727	3.939	4826.454
163.755	1.002	14.719						
11/21/2016 5:10:00 AM	457800.000	12.347	17.689	28.143	6108.979	7100.426	3.940	4828.291
163.693	1.002	14.722						
11/21/2016 5:15:00 AM	458100.000	12.346	17.689	28.140	6108.123	7099.432	3.940	4827.614
163.716	1.002	14.725						
11/21/2016 5:20:00 AM	458400.000	12.343	17.689	28.133	6108.906	7100.342	3.940	4828.233
163.695	1.002	14.724						
11/21/2016 5:25:00 AM	458700.000	12.345	17.689	28.138	6107.462	7098.664	3.939	4827.092
163.734	1.002	14.724						
11/21/2016 5:30:00 AM	459000.000	12.350	17.690	28.150	6107.548	7098.696	3.939	4827.114
163.732	1.002	14.724						
11/21/2016 5:35:00 AM	459300.000	12.349	17.690	28.148	6107.895	7099.141	3.939	4827.416
163.723	1.002	14.723						
11/21/2016 5:40:00 AM	459600.000	12.352	17.689	28.155	6107.692	7098.946	3.939	4827.283
163.728	1.002	14.722						
11/21/2016 5:45:00 AM	459900.000	12.355	17.690	28.161	6107.986	7099.258	3.939	4827.496
163.720	1.002	14.722						
11/21/2016 5:50:00 AM	460200.000	12.351	17.690	28.152	6106.875	7097.967	3.939	4826.618
163.750	1.002	14.725						
11/21/2016 5:55:00 AM	460500.000	12.351	17.689	28.151	6107.534	7098.748	3.939	4827.148
163.732	1.002	14.728						
11/21/2016 6:00:00 AM	460800.000	12.344	17.690	28.135	6108.981	7100.388	3.940	4828.264
163.693	1.002	14.731						
11/21/2016 6:05:00 AM	461100.000	12.345	17.690	28.139	6106.528	7097.523	3.938	4826.316
163.759	1.002	14.730						
11/21/2016 6:10:00 AM	461400.000	12.350	17.689	28.148	6107.980	7099.293	3.939	4827.520
163.720	1.002	14.730						
11/21/2016 6:15:00 AM	461700.000	12.348	17.689	28.145	6107.901	7099.228	3.939	4827.476
163.722	1.002	14.730						
11/21/2016 6:20:00 AM	462000.000	12.353	17.689	28.156	6109.455	7101.035	3.941	4828.704
163.681	1.002	14.731						
11/21/2016 6:25:00 AM	462300.000	12.354	17.689	28.159	6107.205	7098.379	3.939	4826.898
163.741	1.002	14.732						
11/21/2016 6:30:00 AM	462600.000	12.346	17.690	28.141	6107.196	7098.341	3.939	4826.872
163.741	1.002	14.733						
11/21/2016 6:35:00 AM	462900.000	12.346	17.690	28.141	6105.756	7096.613	3.938	4825.697
163.780	1.002	14.734						
11/21/2016 6:40:00 AM	463200.000	12.345	17.690	28.138	6096.370	7085.745	3.931	4818.307
164.032	1.002	14.736						
11/21/2016 6:45:00 AM	463500.000	12.349	17.690	28.147	6081.608	7068.532	3.921	4806.602
164.430	1.002	14.738						
11/21/2016 6:50:00 AM	463800.000	12.344	17.690	28.135	6065.458	7049.829	3.910	4793.884
164.868	1.002	14.739						
11/21/2016 6:55:00 AM	464100.000	12.342	17.690	28.131	6048.376	7029.934	3.898	4780.356
165.334	1.002	14.741						
11/21/2016 7:00:00 AM	464400.000	12.347	17.690	28.143	6034.256	7013.509	3.889	4769.187
165.721	1.002	14.742						
11/21/2016 7:05:00 AM	464700.000	12.344	17.690	28.137	6022.436	6999.689	3.880	4759.789
166.046	1.002	14.744						
11/21/2016 7:10:00 AM	465000.000	12.348	17.690	28.145	6007.853	6982.833	3.870	4748.327
166.449	1.002	14.745						
11/21/2016 7:15:00 AM	465300.000	12.346	17.690	28.141	5995.076	6967.957	3.862	4738.211
166.804	1.002	14.746						
11/21/2016 7:20:00 AM	465600.000	12.347	17.690	28.142	5984.378	6955.538	3.854	4729.766
167.102	1.002	14.746						
11/21/2016 7:25:00 AM	465900.000	12.343	17.690	28.134	5975.032	6944.648	3.848	4722.361
167.363	1.002	14.746						
11/21/2016 7:30:00 AM	466200.000	12.344	17.690	28.136	5963.953	6931.783	3.840	4713.613
167.674	1.002	14.746						
11/21/2016 7:35:00 AM	466500.000	12.351	17.690	28.152	5952.966	6919.028	3.833	4704.939
167.983	1.002	14.746						
11/21/2016 7:40:00 AM	466800.000	12.350	17.690	28.148	5944.388	6909.083	3.827	4698.177
168.226	1.002	14.745						
11/21/2016 7:45:00 AM	467100.000	12.348	17.690	28.146	5935.190	6898.353	3.820	4690.880
168.487	1.002	14.745						
11/21/2016 7:50:00 AM	467400.000	12.351	17.690	28.153	5925.122	6886.624	3.813	4682.905
168.773	1.002	14.747						
11/21/2016 7:55:00 AM	467700.000	12.344	17.690	28.136	5916.981	6877.188	3.808	4676.488
169.005	1.002	14.750						
11/21/2016 8:00:00 AM	468000.000	12.344	17.690	28.136	5907.937	6866.690	3.802	4669.350
169.264	1.002	14.752						
11/21/2016 8:05:00 AM	468300.000	12.343	17.690	28.133	5899.936	6857.403	3.796	4663.035
169.493	1.002	14.753						
11/21/2016 8:10:00 AM	468600.000	12.344	17.690	28.136	5893.527	6849.955	3.792	4657.970
169.678	1.002	14.754						
11/21/2016 8:15:00 AM	468900.000	12.343	17.690	28.134	5883.918	6838.694	3.785	4650.313
169.955	1.002	14.755						
11/21/2016 8:20:00 AM	469200.000	12.343	17.690	28.134	5876.895	6830.664	3.780	4644.851
170.158	1.002	14.755						
11/21/2016 8:25:00 AM	469500.000	12.350	17.690	28.149	5868.425	6820.779	3.775	4638.130
170.403	1.002	14.756						
11/21/2016 8:30:00 AM	469800.000	12.351	17.691	28.152	5862.722	6814.005	3.771	4633.524
170.569	1.002	14.756						
11/21/2016 8:35:00 AM	470100.000	12.345	17.690	28.139	5855.450	6805.699	3.766	4627.875
170.781	1.002	14.757						
11/21/2016 8:40:00 AM	470400.000	12.344	17.690	28.135	5847.6			

171.010	1.002	14.758						
11/21/2016 8:45:00 AM	470700.000	12.348	17.690	28.144	5840.424	6788.196	3.755	4615.974
171.220	1.002	14.758						
11/21/2016 8:50:00 AM	471000.000	12.343	17.690	28.133	5833.216	6779.804	3.750	4610.267
171.432	1.002	14.760						
11/21/2016 8:55:00 AM	471300.000	12.344	17.690	28.137	5827.115	6772.700	3.746	4605.437
171.612	1.002	14.762						
11/21/2016 9:00:00 AM	471600.000	12.345	17.690	28.139	5819.846	6764.344	3.741	4599.754
171.826	1.002	14.763						
11/21/2016 9:05:00 AM	471900.000	12.343	17.690	28.133	5816.076	6759.962	3.739	4596.774
171.937	1.002	14.761						
11/21/2016 9:10:00 AM	472200.000	12.346	17.690	28.140	5807.575	6750.042	3.733	4590.029
172.189	1.002	14.759						
11/21/2016 9:15:00 AM	472500.000	12.350	17.690	28.150	5803.141	6744.848	3.730	4586.497
172.320	1.002	14.756						
11/21/2016 9:20:00 AM	472800.000	12.350	17.690	28.150	5797.810	6738.678	3.726	4582.301
172.479	1.002	14.758						
11/21/2016 9:25:00 AM	473100.000	12.343	17.690	28.134	5791.453	6731.225	3.722	4577.233
172.668	1.002	14.759						
11/21/2016 9:30:00 AM	473400.000	12.342	17.690	28.132	5786.227	6725.164	3.718	4573.111
172.824	1.001	14.760						
11/21/2016 9:35:00 AM	473700.000	12.347	17.690	28.143	5781.622	6719.890	3.715	4569.525
172.962	1.001	14.761						
11/21/2016 9:40:00 AM	474000.000	12.343	17.690	28.133	5777.534	6715.100	3.712	4566.268
173.084	1.001	14.762						
11/21/2016 9:45:00 AM	474300.000	12.342	17.690	28.132	5771.218	6707.694	3.708	4561.232
173.274	1.001	14.764						
11/21/2016 9:50:00 AM	474600.000	12.344	17.690	28.135	5766.372	6702.152	3.704	4557.464
173.419	1.001	14.763						
11/21/2016 9:55:00 AM	474900.000	12.344	17.690	28.136	5763.570	6698.870	3.703	4555.231
173.504	1.001	14.762						
11/21/2016 10:00:00 AM	475200.000	12.348	17.690	28.145	5759.204	6693.821	3.700	4551.798
173.635	1.001	14.761						
11/21/2016 10:05:00 AM	475500.000	12.349	17.690	28.148	5756.491	6690.667	3.698	4549.654
173.717	1.001	14.762						
11/21/2016 10:10:00 AM	475800.000	12.343	17.690	28.133	5750.863	6684.178	3.694	4545.241
173.887	1.001	14.763						
11/21/2016 10:15:00 AM	476100.000	12.347	17.690	28.144	5746.234	6678.758	3.691	4541.556
174.027	1.001	14.764						
11/21/2016 10:20:00 AM	476400.000	12.348	17.690	28.144	5744.011	6676.163	3.689	4539.791
174.094	1.001	14.764						
11/21/2016 10:25:00 AM	476700.000	12.342	17.690	28.131	5740.813	6672.470	3.687	4537.280
174.191	1.001	14.764						
11/21/2016 10:30:00 AM	477000.000	12.342	17.690	28.131	5735.971	6666.792	3.684	4533.419
174.338	1.001	14.764						
11/21/2016 10:35:00 AM	477300.000	12.345	17.689	28.139	5733.510	6664.035	3.682	4531.544
174.413	1.001	14.765						
11/21/2016 10:40:00 AM	477600.000	12.346	17.690	28.139	5729.953	6659.810	3.679	4528.671
174.521	1.001	14.765						
11/21/2016 10:45:00 AM	477900.000	12.340	17.690	28.127	5727.356	6656.817	3.678	4526.636
174.601	1.001	14.766						
11/21/2016 10:50:00 AM	478200.000	12.340	17.690	28.127	5723.163	6651.971	3.675	4523.341
174.729	1.001	14.765						
11/21/2016 10:55:00 AM	478500.000	12.338	17.690	28.123	5720.961	6649.397	3.673	4521.591
174.796	1.001	14.765						
11/21/2016 11:00:00 AM	478800.000	12.345	17.689	28.137	5719.877	6648.177	3.673	4520.761
174.829	1.001	14.765						
11/21/2016 11:05:00 AM	479100.000	12.345	17.690	28.139	5715.559	6643.105	3.670	4517.312
174.961	1.001	14.764						
11/21/2016 11:10:00 AM	479400.000	12.341	17.690	28.129	5713.842	6641.123	3.668	4515.963
175.014	1.001	14.764						
11/21/2016 11:15:00 AM	479700.000	12.340	17.690	28.128	5710.514	6637.230	3.666	4513.316
175.116	1.001	14.764						
11/21/2016 11:20:00 AM	480000.000	12.339	17.690	28.124	5710.577	6637.314	3.666	4513.375
175.114	1.001	14.764						
11/21/2016 11:25:00 AM	480300.000	12.341	17.690	28.130	5707.662	6633.837	3.664	4511.010
175.203	1.001	14.765						
11/21/2016 11:30:00 AM	480600.000	12.336	17.690	28.118	5705.866	6631.788	3.663	4509.616
175.258	1.001	14.766						
11/21/2016 11:35:00 AM	480900.000	12.337	17.690	28.121	5703.975	6629.654	3.662	4508.166
175.316	1.001	14.764						
11/21/2016 11:40:00 AM	481200.000	12.344	17.690	28.135	5704.234	6629.981	3.662	4508.388
175.308	1.001	14.762						
11/21/2016 11:45:00 AM	481500.000	12.343	17.690	28.134	5700.922	6626.093	3.660	4505.744
175.410	1.001	14.761						
11/21/2016 11:50:00 AM	481800.000	12.344	17.690	28.135	5698.966	6623.769	3.658	4504.163
175.470	1.001	14.760						
11/21/2016 11:55:00 AM	482100.000	12.340	17.690	28.126	5699.118	6624.035	3.658	4504.344
175.466	1.001	14.760						
11/21/2016 12:00:00 PM	482400.000	12.340	17.690	28.128	5696.621	6621.107	3.657	4502.353
175.543	1.001	14.760						
11/21/2016 12:05:00 PM	482700.000	12.343	17.690	28.134	5696.442	6620.914	3.657	4502.222
175.546	1.001	14.759						
11/21/2016 12:10:00 PM	483000.000	12.344	17.690	28.137	5693.223	6617.106	3.654	4499.632
175.647	1.001	14.759						
11/21/2016 12:15:00 PM	483300.000	12.343	17.690	28.133	5691.190	6614.756	3.653	4498.035
175.710	1.001	14.759						
11/21/2016 12:20:00 PM	483600.000	12.344	17.690	28.135	5691.653	6615.320	3.653	4498.418
175.696	1.001	14.759						
11/21/2016 12:25:00 PM	483900.000	12.342	17.690	28.131	5689.365	6612.635	3.652	4496.592
175.767	1.001	14.759						
11/21/2016 12:30:00 PM	484200.000	12.338	17.690	28.122	5687.971	6611.053	3.651	4495.516
175.810	1.001	14.759						
11/21/2016 12:35:00 PM	484500.000	12.342	17.690	28.131	5688.537	6611.646	3.651	4495.920
175.792	1.001	14.760						
11/21/2016 12:40:00 PM	484800.000	12.336	17.690	28.117	5685.791	6608.520	3.649	4493.793
175.877	1.001	14.761						
11/21/2016 12:45:00 PM	485100.000	12.339	17.690	28.125	5686.611	6609.448	3.650	4494.424
175.852	1.001	14.762						
11/21/2016 12:50:00 PM	485400.000	12.335	17.690	28.115	5686.644	6609.498	3.650	4494.458
175.851	1.001	14.760						
11/21/2016 12:55:00 PM	485700.000	12.341	17.689	28.128	5685.593	6608.367	3.649	4493.689
175.883	1.001	14.759						
11/21/2016 1:00:00 PM	486000.000	12.338	17.690	28.121	5683.308	6605.569	3.647	4491.788
175.954	1.001	14.757						
11/21/2016 1:05:00 PM	486300.000	12.338	17.690	28.122	5682.888	6605.095	3.647	4491.465
175.967	1.001	14.758						
11/21/2016 1:10:00 PM	486600.000	12.340	17.690	28.127	5683.071	6605.320	3.647	4491.618
175.961	1.001	14.758						
11/21/2016 1:15:00 PM	486900.000	12.335	17.689	28.116	5683.342	6605.725	3.648	4491.893
175.953	1.001	14.758						
11/21/2016 1:20:00 PM	487200.000	12.334	17.690	28.114	5680.944	6602.847	3.646	4489.937
176.027	1.001	14.757						
11/21/2016 1:25:00 PM	487500.000	12.337	17.689	28.120	5681.181	6603.213	3.646	4490.185
176.020	1.001	14.756						
11/21/2016 1:30:00 PM	487800.000	12.342	17.690	28.132	5680.979	6602.953	3.646	4490.008
176.026	1.001	14.755						
11/21/2016 1:35:00 PM	488100.000	12.342	17.690	28.131	5679.403	6601.056	3.645	4488.719
176.075	1.001	14.757						
11/21/2016 1:40:00 PM	488400.000	12.339	17.690	28.125	5679.944	6601.738	3.645	4489.183
176.058	1.001	14.758						
11/21/2016 1:45:00 PM	488700.000	12.339	17.689	28.124	5679.876	6601.683	3.645	4489.145
176.060	1.001	14.759						
11/21/2016 1:50:00 PM	489000.000	12.333	17.690	28.111	5679.915	6601.690	3.645	4489.149
176.059	1.001	14.760						
11/21/2016 1:55:00 PM	489300.000	12.338	17.690	28.123	5681.566	6603.584	3.646	4490.438
176.008	1.001	14.760						
11/21/2016 2:00:00 PM	489600.000	12.334	17.690	28.113	5680.182	6602.015	3.645	4489.370
176.051	1.001	14.761						
11/21/2016 2:05:00 PM	489900.000	12.339	17.690	28.125	5679.228	6600.878	3.645	4488.597
176.080	1.001	14.759						
11/21/2016 2:10:00 PM	490200.000							

11/21/2016 2:15:00 PM	490500.000	12.340	17.690	28.128	5681.186	6603.193	3.646	4490.171
176.020	1.001	14.756						
11/21/2016 2:20:00 PM	490800.000	12.339	17.689	28.125	5679.686	6601.476	3.645	4489.003
176.066	1.001	14.757						
11/21/2016 2:25:00 PM	491100.000	12.338	17.690	28.122	5679.487	6601.192	3.645	4488.811
176.072	1.001	14.758						
11/21/2016 2:30:00 PM	491400.000	12.338	17.690	28.123	5679.459	6601.186	3.645	4488.806
176.073	1.001	14.759						
11/21/2016 2:35:00 PM	491700.000	12.335	17.689	28.114	5681.002	6602.993	3.646	4490.036
176.025	1.001	14.759						
11/21/2016 2:40:00 PM	492000.000	12.335	17.690	28.116	5681.963	6604.084	3.647	4490.777
175.996	1.001	14.759						
11/21/2016 2:45:00 PM	492300.000	12.337	17.690	28.120	5679.386	6601.036	3.645	4488.705
176.075	1.001	14.759						
11/21/2016 2:50:00 PM	492600.000	12.337	17.689	28.119	5680.994	6602.999	3.646	4490.038
176.026	1.001	14.760						
11/21/2016 2:55:00 PM	492900.000	12.335	17.690	28.116	5680.650	6602.556	3.646	4489.740
176.036	1.001	14.761						
11/21/2016 3:00:00 PM	493200.000	12.335	17.690	28.115	5682.625	6604.865	3.647	4491.309
175.975	1.001	14.763						
11/21/2016 3:05:00 PM	493500.000	12.331	17.690	28.107	5681.923	6603.985	3.647	4490.710
175.997	1.001	14.762						
11/21/2016 3:10:00 PM	493800.000	12.336	17.690	28.118	5681.119	6603.064	3.646	4490.083
176.022	1.001	14.761						
11/21/2016 3:15:00 PM	494100.000	12.334	17.690	28.114	5683.130	6605.389	3.647	4491.665
175.959	1.001	14.760						
11/21/2016 3:20:00 PM	494400.000	12.338	17.689	28.122	5684.410	6606.953	3.648	4492.728
175.920	1.001	14.761						
11/21/2016 3:25:00 PM	494700.000	12.340	17.689	28.127	5683.173	6605.529	3.647	4491.760
175.958	1.001	14.761						
11/21/2016 3:30:00 PM	495000.000	12.338	17.689	28.121	5683.543	6605.971	3.648	4492.060
175.947	1.001	14.762						
11/21/2016 3:35:00 PM	495300.000	12.334	17.689	28.113	5681.835	6604.062	3.647	4490.762
175.999	1.001	14.764						
11/21/2016 3:40:00 PM	495600.000	12.331	17.690	28.107	5682.979	6605.265	3.647	4491.581
175.964	1.001	14.767						
11/21/2016 3:45:00 PM	495900.000	12.328	17.689	28.094	5683.427	6605.861	3.648	4491.986
175.950	1.001	14.769						
11/21/2016 3:50:00 PM	496200.000	12.326	17.690	28.095	5685.997	6608.773	3.649	4493.966
175.871	1.001	14.768						
11/21/2016 3:55:00 PM	496500.000	12.332	17.689	28.108	5685.496	6608.215	3.649	4493.586
175.886	1.001	14.767						
11/21/2016 4:00:00 PM	496800.000	12.328	17.690	28.100	5685.382	6608.070	3.649	4493.487
175.890	1.001	14.766						
11/21/2016 4:05:00 PM	497100.000	12.327	17.689	28.097	5686.241	6609.119	3.650	4494.201
175.863	1.001	14.766						
11/21/2016 4:10:00 PM	497400.000	12.332	17.689	28.109	5686.461	6609.351	3.650	4494.358
175.856	1.001	14.766						
11/21/2016 4:15:00 PM	497700.000	12.328	17.689	28.099	5687.584	6610.681	3.650	4495.263
175.822	1.001	14.766						
11/21/2016 4:20:00 PM	498000.000	12.332	17.690	28.109	5687.340	6610.334	3.650	4495.027
175.829	1.001	14.768						
11/21/2016 4:25:00 PM	498300.000	12.328	17.690	28.100	5687.157	6610.107	3.650	4494.873
175.835	1.001	14.770						
11/21/2016 4:30:00 PM	498600.000	12.324	17.690	28.091	5687.330	6610.257	3.650	4494.975
175.829	1.001	14.771						
11/21/2016 4:35:00 PM	498900.000	12.330	17.690	28.105	5688.287	6611.382	3.651	4495.740
175.800	1.001	14.769						
11/21/2016 4:40:00 PM	499200.000	12.334	17.690	28.112	5688.802	6611.995	3.651	4496.157
175.784	1.001	14.767						
11/21/2016 4:45:00 PM	499500.000	12.335	17.690	28.115	5689.891	6613.234	3.652	4497.000
175.750	1.001	14.765						
11/21/2016 4:50:00 PM	499800.000	12.337	17.689	28.120	5691.863	6615.641	3.653	4498.636
175.689	1.001	14.764						
11/21/2016 4:55:00 PM	500100.000	12.338	17.689	28.123	5690.513	6614.072	3.652	4497.569
175.731	1.001	14.763						
11/21/2016 5:00:00 PM	500400.000	12.336	17.690	28.117	5691.781	6615.468	3.653	4498.519
175.692	1.001	14.762						
11/21/2016 5:05:00 PM	500700.000	12.338	17.690	28.122	5693.731	6617.774	3.655	4500.087
175.632	1.001	14.764						
11/21/2016 5:10:00 PM	501000.000	12.332	17.690	28.109	5693.698	6617.710	3.655	4500.043
175.633	1.001	14.766						
11/21/2016 5:15:00 PM	501300.000	12.330	17.690	28.103	5692.309	6616.095	3.654	4498.945
175.676	1.001	14.768						
11/21/2016 5:20:00 PM	501600.000	12.328	17.690	28.099	5693.444	6617.440	3.654	4499.860
175.641	1.001	14.770						
11/21/2016 5:25:00 PM	501900.000	12.325	17.690	28.093	5693.932	6617.981	3.655	4500.228
175.626	1.001	14.772						
11/21/2016 5:30:00 PM	502200.000	12.327	17.690	28.096	5695.214	6619.434	3.656	4501.215
175.586	1.001	14.775						
11/21/2016 5:35:00 PM	502500.000	12.322	17.690	28.086	5695.947	6620.349	3.656	4501.838
175.563	1.001	14.775						
11/21/2016 5:40:00 PM	502800.000	12.323	17.690	28.088	5695.587	6619.931	3.656	4501.553
175.575	1.001	14.775						
11/21/2016 5:45:00 PM	503100.000	12.329	17.689	28.101	5695.886	6620.317	3.656	4501.816
175.565	1.001	14.775						
11/21/2016 5:50:00 PM	503400.000	12.323	17.689	28.088	5697.075	6621.673	3.657	4502.738
175.529	1.001	14.777						
11/21/2016 5:55:00 PM	503700.000	12.322	17.689	28.087	5696.759	6621.331	3.657	4502.506
175.538	1.001	14.779						
11/21/2016 6:00:00 PM	504000.000	12.326	17.689	28.095	5697.285	6621.931	3.657	4502.914
175.522	1.001	14.781						
11/21/2016 6:05:00 PM	504300.000	12.325	17.690	28.093	5698.227	6622.996	3.658	4503.639
175.493	1.001	14.782						
11/21/2016 6:10:00 PM	504600.000	12.326	17.689	28.096	5699.998	6625.096	3.659	4505.065
175.439	1.001	14.782						
11/21/2016 6:15:00 PM	504900.000	12.326	17.689	28.096	5699.003	6623.993	3.658	4504.315
175.469	1.001	14.783						
11/21/2016 6:20:00 PM	505200.000	12.326	17.689	28.096	5700.676	6625.873	3.659	4505.593
175.418	1.001	14.784						
11/21/2016 6:25:00 PM	505500.000	12.325	17.689	28.092	5702.640	6628.192	3.661	4507.171
175.357	1.001	14.786						
11/21/2016 6:30:00 PM	505800.000	12.320	17.689	28.082	5701.388	6626.711	3.660	4506.164
175.396	1.001	14.787						
11/21/2016 6:35:00 PM	506100.000	12.326	17.689	28.094	5701.491	6626.845	3.660	4506.255
175.393	1.001	14.787						
11/21/2016 6:40:00 PM	506400.000	12.321	17.690	28.083	5702.216	6627.610	3.660	4506.775
175.370	1.001	14.786						
11/21/2016 6:45:00 PM	506700.000	12.322	17.690	28.086	5704.961	6630.750	3.662	4508.910
175.286	1.001	14.786						
11/21/2016 6:50:00 PM	507000.000	12.325	17.689	28.093	5703.734	6629.414	3.662	4508.002
175.324	1.001	14.787						
11/21/2016 6:55:00 PM	507300.000	12.325	17.689	28.093	5703.966	6629.683	3.662	4508.185
175.317	1.001	14.787						
11/21/2016 7:00:00 PM	507600.000	12.325	17.689	28.094	5705.176	6631.127	3.663	4509.167
175.279	1.001	14.788						
11/21/2016 7:05:00 PM	507900.000	12.324	17.690	28.090	5707.084	6633.293	3.664	4510.640
175.221	1.001	14.788						
11/21/2016 7:10:00 PM	508200.000	12.326	17.689	28.095	5706.156	6632.242	3.663	4509.925
175.249	1.001	14.789						
11/21/2016 7:15:00 PM	508500.000	12.327	17.689	28.096	5707.895	6634.249	3.664	4511.290
175.196	1.001	14.789						
11/21/2016 7:20:00 PM	508800.000	12.321	17.689	28.083	5708.863	6635.425	3.665	4512.090
175.166	1.001	14.790						
11/21/2016 7:25:00 PM	509100.000	12.322	17.690	28.086	5710.439	6637.155	3.666	4513.266
175.118	1.001	14.790						
11/21/2016 7:30:00 PM	509400.000	12.322	17.689	28.086	5709.962	6636.703	3.666	4512.958
175.133	1.001	14.791						
11/21/2016 7:35:00 PM	509700.000	12.323	17.689	28.089	5710.491	6637.292	3.666	4513.358
175.116	1.001	14.794						
11/21/2016 7:40:00 PM	510000.000	12.320	17.690	28.080	5712.175	6639.200	3.667	4514.656
175.06								

175.111	1.001	14.799						
11/21/2016 7:50:00 PM	510600.000	12.323	17.690	28.087	5712.365	6639.368	3.667	4514.770
175.059	1.001	14.796						
11/21/2016 7:55:00 PM	510900.000	12.326	17.689	28.095	5714.425	6641.853	3.669	4516.460
174.996	1.001	14.793						
11/21/2016 8:00:00 PM	511200.000	12.325	17.690	28.092	5713.535	6640.780	3.668	4515.731
175.023	1.001	14.789						
11/21/2016 8:05:00 PM	511500.000	12.322	17.689	28.085	5715.333	6642.896	3.669	4517.169
174.968	1.001	14.792						
11/21/2016 8:10:00 PM	511800.000	12.321	17.689	28.083	5716.404	6644.139	3.670	4518.015
174.935	1.001	14.796						
11/21/2016 8:15:00 PM	512100.000	12.321	17.689	28.084	5715.772	6643.406	3.670	4517.516
174.954	1.001	14.799						
11/21/2016 8:20:00 PM	512400.000	12.319	17.689	28.078	5716.032	6643.720	3.670	4517.730
174.947	1.001	14.799						
11/21/2016 8:25:00 PM	512700.000	12.324	17.689	28.089	5718.001	6646.035	3.671	4519.304
174.886	1.001	14.799						
11/21/2016 8:30:00 PM	513000.000	12.324	17.689	28.090	5717.512	6645.490	3.671	4518.934
174.901	1.001	14.798						
11/21/2016 8:35:00 PM	513300.000	12.317	17.690	28.074	5718.119	6646.108	3.671	4519.354
174.883	1.001	14.801						
11/21/2016 8:40:00 PM	513600.000	12.322	17.690	28.085	5718.988	6647.130	3.672	4520.049
174.856	1.001	14.804						
11/21/2016 8:45:00 PM	513900.000	12.318	17.689	28.076	5719.746	6648.049	3.673	4520.674
174.853	1.001	14.807						
11/21/2016 8:50:00 PM	514200.000	12.320	17.690	28.082	5720.250	6648.571	3.673	4521.028
174.818	1.001	14.806						
11/21/2016 8:55:00 PM	514500.000	12.322	17.689	28.086	5722.109	6650.848	3.674	4522.577
174.761	1.001	14.806						
11/21/2016 9:00:00 PM	514800.000	12.317	17.690	28.075	5721.148	6649.640	3.673	4521.756
174.790	1.001	14.805						
11/21/2016 9:05:00 PM	515100.000	12.318	17.689	28.077	5721.162	6649.695	3.673	4521.793
174.790	1.001	14.805						
11/21/2016 9:10:00 PM	515400.000	12.323	17.690	28.089	5723.217	6652.019	3.675	4523.373
174.727	1.001	14.804						
11/21/2016 9:15:00 PM	515700.000	12.324	17.689	28.091	5721.772	6650.393	3.674	4522.268
174.771	1.001	14.804						
11/21/2016 9:20:00 PM	516000.000	12.324	17.689	28.090	5724.847	6654.016	3.676	4524.730
174.677	1.001	14.806						
11/21/2016 9:25:00 PM	516300.000	12.317	17.689	28.075	5723.716	6652.664	3.675	4523.812
174.712	1.001	14.808						
11/21/2016 9:30:00 PM	516600.000	12.315	17.689	28.070	5725.147	6654.379	3.676	4524.978
174.668	1.001	14.810						
11/21/2016 9:35:00 PM	516900.000	12.322	17.690	28.085	5725.121	6654.246	3.676	4524.888
174.669	1.001	14.810						
11/21/2016 9:40:00 PM	517200.000	12.322	17.689	28.086	5726.577	6655.988	3.677	4526.072
174.624	1.001	14.810						
11/21/2016 9:45:00 PM	517500.000	12.319	17.689	28.078	5730.396	6660.427	3.680	4529.090
174.508	1.001	14.810						
11/21/2016 9:50:00 PM	517800.000	12.318	17.689	28.076	5744.140	6676.377	3.689	4539.937
174.090	1.001	14.810						
11/21/2016 9:55:00 PM	518100.000	12.323	17.689	28.088	5759.056	6693.727	3.699	4551.734
173.640	1.001	14.810						
11/21/2016 10:00:00 PM	518400.000	12.318	17.689	28.076	5775.593	6712.973	3.711	4564.822
173.142	1.001	14.809						
11/21/2016 10:05:00 PM	518700.000	12.321	17.690	28.083	5791.274	6731.147	3.722	4577.180
172.674	1.002	14.812						
11/21/2016 10:10:00 PM	519000.000	12.313	17.689	28.065	5806.159	6748.486	3.732	4588.971
172.231	1.002	14.814						
11/21/2016 10:15:00 PM	519300.000	12.311	17.689	28.060	5818.326	6762.682	3.740	4598.624
171.871	1.002	14.817						
11/21/2016 10:20:00 PM	519600.000	12.319	17.689	28.078	5831.236	6777.660	3.749	4608.810
171.490	1.002	14.814						
11/21/2016 10:25:00 PM	519900.000	12.317	17.689	28.075	5841.982	6790.178	3.756	4617.321
171.175	1.002	14.811						
11/21/2016 10:30:00 PM	520200.000	12.325	17.689	28.092	5854.507	6804.747	3.765	4627.228
170.809	1.002	14.809						
11/21/2016 10:35:00 PM	520500.000	12.317	17.689	28.074	5862.461	6813.981	3.771	4633.508
170.577	1.002	14.812						
11/21/2016 10:40:00 PM	520800.000	12.319	17.689	28.079	5872.949	6826.155	3.778	4641.786
170.272	1.002	14.815						
11/21/2016 10:45:00 PM	521100.000	12.312	17.689	28.063	5881.088	6835.616	3.783	4648.219
170.037	1.002	14.818						
11/21/2016 10:50:00 PM	521400.000	12.315	17.689	28.069	5890.997	6847.174	3.790	4656.078
169.751	1.002	14.816						
11/21/2016 10:55:00 PM	521700.000	12.322	17.689	28.086	5898.188	6855.465	3.795	4661.716
169.544	1.002	14.814						
11/21/2016 11:00:00 PM	522000.000	12.319	17.689	28.079	5905.357	6863.811	3.800	4667.392
169.338	1.002	14.812						
11/21/2016 11:05:00 PM	522300.000	12.320	17.689	28.081	5913.205	6872.945	3.805	4673.603
169.113	1.002	14.812						
11/21/2016 11:10:00 PM	522600.000	12.326	17.688	28.094	5919.000	6879.762	3.809	4678.238
168.947	1.002	14.811						
11/21/2016 11:15:00 PM	522900.000	12.323	17.689	28.098	5925.169	6886.892	3.814	4683.087
168.772	1.002	14.811						
11/21/2016 11:20:00 PM	523200.000	12.320	17.689	28.080	5930.370	6892.896	3.817	4687.169
168.624	1.002	14.812						
11/21/2016 11:25:00 PM	523500.000	12.321	17.689	28.083	5937.549	6901.268	3.822	4692.862
168.420	1.002	14.813						
11/21/2016 11:30:00 PM	523800.000	12.319	17.690	28.079	5942.661	6907.090	3.826	4696.822
168.275	1.002	14.814						
11/21/2016 11:35:00 PM	524100.000	12.321	17.689	28.083	5949.088	6914.680	3.830	4701.982
168.093	1.002	14.812						
11/21/2016 11:40:00 PM	524400.000	12.326	17.689	28.094	5953.477	6919.728	3.833	4705.415
167.969	1.002	14.811						
11/21/2016 11:45:00 PM	524700.000	12.327	17.689	28.096	5959.167	6926.382	3.837	4709.940
167.809	1.002	14.809						
11/21/2016 11:50:00 PM	525000.000	12.322	17.689	28.086	5964.555	6932.578	3.841	4714.154
167.657	1.002	14.809						
11/21/2016 11:55:00 PM	525300.000	12.325	17.689	28.092	5969.315	6938.136	3.844	4717.933
167.523	1.002	14.809						
11/22/2016 12:00:00 AM	525600.000	12.324	17.688	28.089	5974.775	6944.591	3.848	4722.322
167.370	1.002	14.809						
11/22/2016 12:05:00 AM	525900.000	12.327	17.689	28.097	5980.664	6951.394	3.852	4726.948
167.206	1.002	14.811						
11/22/2016 12:10:00 AM	526200.000	12.322	17.689	28.086	5984.789	6956.122	3.855	4730.163
167.090	1.002	14.813						
11/22/2016 12:15:00 AM	526500.000	12.322	17.689	28.087	5988.616	6960.623	3.857	4733.224
166.984	1.002	14.815						
11/22/2016 12:20:00 AM	526800.000	12.323	17.689	28.088	5992.990	6965.721	3.860	4736.690
166.862	1.002	14.817						
11/22/2016 12:25:00 AM	527100.000	12.321	17.689	28.084	5997.365	6970.781	3.863	4740.131
166.740	1.002	14.818						
11/22/2016 12:30:00 AM	527400.000	12.321	17.689	28.083	6002.976	6977.261	3.867	4744.538
166.584	1.002	14.819						
11/22/2016 12:35:00 AM	527700.000	12.323	17.689	28.087	6004.498	6979.029	3.868	4745.740
166.542	1.002	14.818						
11/22/2016 12:40:00 AM	528000.000	12.319	17.689	28.078	6010.971	6986.580	3.873	4750.874
166.362	1.002	14.817						
11/22/2016 12:45:00 AM	528300.000	12.319	17.689	28.078	6012.918	6988.802	3.874	4752.386
166.309	1.002	14.815						
11/22/2016 12:50:00 AM	528600.000	12.320	17.689	28.081	6015.854	6992.255	3.876	4754.734
166.227	1.002	14.814						
11/22/2016 12:55:00 AM	528900.000	12.321	17.689	28.082	6019.389	6996.379	3.878	4757.538
166.130	1.002	14.813						
11/22/2016 1:00:00 AM	529200.000	12.326	17.689	28.094	6022.057	6999.465	3.880	4759.636
166.056	1.002	14.812						
11/22/2016 1:05:00 AM	529500.000	12.323	17.689	28.089	6025.397	7003.363	3.883	4762.287
165.964	1.002	14.812						
11/22/2016 1:10:00 AM	529800.000	12.328	17.689	28.100	6028.555	7007.018	3.885	4764.772
165.877	1.002	14.811						
11/22/2016 1:15:00 AM	530100.000							

11/22/2016 1:20:00 AM	530400.000	12.332	17.689	28.107	6033.442	7012.685	3.888	4768.626
165.743	1.002	14.807						
11/22/2016 1:25:00 AM	530700.000	12.331	17.689	28.107	6037.359	7017.307	3.891	4771.769
165.635	1.002	14.803						
11/22/2016 1:30:00 AM	531000.000	12.334	17.689	28.112	6039.644	7019.906	3.892	4773.536
165.573	1.002	14.800						
11/22/2016 1:35:00 AM	531300.000	12.330	17.689	28.105	6040.468	7020.851	3.893	4774.179
165.550	1.002	14.803						
11/22/2016 1:40:00 AM	531600.000	12.333	17.689	28.111	6042.333	7023.006	3.894	4775.645
165.499	1.002	14.806						
11/22/2016 1:45:00 AM	531900.000	12.332	17.689	28.109	6045.098	7026.260	3.896	4777.857
165.423	1.002	14.809						
11/22/2016 1:50:00 AM	532200.000	12.328	17.689	28.098	6047.345	7028.844	3.898	4779.614
165.362	1.002	14.812						
11/22/2016 1:55:00 AM	532500.000	12.319	17.689	28.079	6050.058	7032.010	3.900	4781.767
165.288	1.002	14.816						
11/22/2016 2:00:00 AM	532800.000	12.322	17.689	28.085	6051.566	7033.778	3.901	4782.969
165.246	1.002	14.819						
11/22/2016 2:05:00 AM	533100.000	12.324	17.689	28.089	6052.279	7034.591	3.901	4783.522
165.227	1.002	14.818						
11/22/2016 2:10:00 AM	533400.000	12.320	17.690	28.082	6056.538	7039.460	3.904	4786.833
165.111	1.002	14.817						
11/22/2016 2:15:00 AM	533700.000	12.329	17.689	28.102	6055.608	7038.503	3.903	4786.183
165.136	1.002	14.816						
11/22/2016 2:20:00 AM	534000.000	12.332	17.690	28.108	6059.945	7043.421	3.906	4789.526
165.018	1.002	14.813						
11/22/2016 2:25:00 AM	534300.000	12.334	17.689	28.113	6061.195	7044.941	3.907	4790.560
164.984	1.002	14.811						
11/22/2016 2:30:00 AM	534600.000	12.331	17.689	28.107	6061.616	7045.431	3.908	4790.893
164.973	1.002	14.808						
11/22/2016 2:35:00 AM	534900.000	12.335	17.689	28.114	6063.254	7047.404	3.909	4792.235
164.928	1.002	14.811						
11/22/2016 2:40:00 AM	535200.000	12.330	17.689	28.104	6064.425	7048.725	3.910	4793.134
164.896	1.002	14.814						
11/22/2016 2:45:00 AM	535500.000	12.329	17.689	28.101	6066.557	7051.187	3.911	4794.808
164.838	1.002	14.817						
11/22/2016 2:50:00 AM	535800.000	12.330	17.689	28.104	6067.437	7052.143	3.912	4795.458
164.814	1.002	14.817						
11/22/2016 2:55:00 AM	536100.000	12.330	17.689	28.104	6068.136	7052.982	3.912	4796.028
164.795	1.002	14.817						
11/22/2016 3:00:00 AM	536400.000	12.328	17.689	28.099	6069.383	7054.500	3.913	4797.060
164.761	1.002	14.817						
11/22/2016 3:05:00 AM	536700.000	12.332	17.689	28.109	6070.900	7056.250	3.914	4798.250
164.720	1.002	14.815						
11/22/2016 3:10:00 AM	537000.000	12.333	17.689	28.112	6070.964	7056.269	3.914	4798.264
164.718	1.002	14.812						
11/22/2016 3:15:00 AM	537300.000	12.333	17.689	28.110	6072.038	7057.585	3.915	4799.158
164.689	1.002	14.809						
11/22/2016 3:20:00 AM	537600.000	12.338	17.689	28.121	6073.295	7059.019	3.916	4800.133
164.655	1.002	14.810						
11/22/2016 3:25:00 AM	537900.000	12.334	17.689	28.112	6073.183	7058.889	3.916	4800.044
164.658	1.002	14.810						
11/22/2016 3:30:00 AM	538200.000	12.333	17.689	28.111	6074.065	7059.914	3.916	4800.742
164.634	1.002	14.810						
11/22/2016 3:35:00 AM	538500.000	12.330	17.689	28.103	6076.070	7062.218	3.918	4802.309
164.580	1.002	14.811						
11/22/2016 3:40:00 AM	538800.000	12.336	17.689	28.117	6076.255	7062.418	3.918	4802.445
164.575	1.002	14.811						
11/22/2016 3:45:00 AM	539100.000	12.332	17.689	28.107	6076.238	7062.413	3.918	4802.440
164.576	1.002	14.812						
11/22/2016 3:50:00 AM	539400.000	12.330	17.689	28.105	6077.382	7063.743	3.918	4803.346
164.545	1.002	14.813						
11/22/2016 3:55:00 AM	539700.000	12.332	17.690	28.109	6077.208	7063.473	3.918	4803.162
164.549	1.002	14.813						
11/22/2016 4:00:00 AM	540000.000	12.336	17.689	28.118	6078.349	7064.920	3.919	4804.146
164.518	1.002	14.814						
11/22/2016 4:05:00 AM	540300.000	12.337	17.689	28.119	6078.787	7065.349	3.919	4804.437
164.507	1.002	14.814						
11/22/2016 4:10:00 AM	540600.000	12.337	17.689	28.120	6081.059	7068.016	3.921	4806.251
164.445	1.002	14.814						
11/22/2016 4:15:00 AM	540900.000	12.338	17.689	28.121	6079.919	7066.651	3.920	4805.323
164.476	1.002	14.814						
11/22/2016 4:20:00 AM	541200.000	12.337	17.689	28.120	6080.298	7067.118	3.920	4805.640
164.466	1.002	14.814						
11/22/2016 4:25:00 AM	541500.000	12.336	17.690	28.117	6081.802	7068.813	3.921	4806.793
164.425	1.002	14.814						
11/22/2016 4:30:00 AM	541800.000	12.336	17.689	28.118	6080.994	7068.024	3.921	4806.257
164.447	1.002	14.813						
11/22/2016 4:35:00 AM	542100.000	12.335	17.689	28.114	6080.418	7067.246	3.920	4805.728
164.462	1.002	14.813						
11/22/2016 4:40:00 AM	542400.000	12.339	17.690	28.125	6081.513	7068.477	3.921	4806.565
164.433	1.002	14.814						
11/22/2016 4:45:00 AM	542700.000	12.341	17.690	28.129	6081.688	7068.681	3.921	4806.704
164.428	1.002	14.814						
11/22/2016 4:50:00 AM	543000.000	12.337	17.689	28.119	6081.391	7068.361	3.921	4806.486
164.436	1.002	14.814						
11/22/2016 4:55:00 AM	543300.000	12.341	17.689	28.129	6080.877	7067.791	3.921	4806.098
164.450	1.002	14.814						
11/22/2016 5:00:00 AM	543600.000	12.341	17.690	28.129	6081.954	7068.974	3.922	4806.902
164.421	1.002	14.814						
11/22/2016 5:05:00 AM	543900.000	12.336	17.690	28.114	6081.564	7068.548	3.921	4806.613
164.431	1.002	14.816						
11/22/2016 5:10:00 AM	544200.000	12.334	17.689	28.114	6082.265	7069.404	3.922	4807.195
164.412	1.002	14.818						
11/22/2016 5:15:00 AM	544500.000	12.338	17.689	28.122	6081.529	7068.549	3.921	4806.613
164.432	1.002	14.820						
11/22/2016 5:20:00 AM	544800.000	12.340	17.689	28.126	6082.107	7069.221	3.922	4807.071
164.417	1.002	14.819						
11/22/2016 5:25:00 AM	545100.000	12.337	17.689	28.121	6081.736	7068.789	3.921	4806.777
164.427	1.002	14.817						
11/22/2016 5:30:00 AM	545400.000	12.345	17.689	28.138	6082.348	7069.515	3.922	4807.270
164.410	1.002	14.815						
11/22/2016 5:35:00 AM	545700.000	12.340	17.689	28.127	6081.051	7067.993	3.921	4806.235
164.445	1.002	14.816						
11/22/2016 5:40:00 AM	546000.000	12.342	17.689	28.130	6080.823	7067.769	3.921	4806.083
164.451	1.002	14.816						
11/22/2016 5:45:00 AM	546300.000	12.341	17.689	28.130	6081.614	7068.661	3.921	4806.690
164.430	1.002	14.817						
11/22/2016 5:50:00 AM	546600.000	12.339	17.689	28.124	6081.231	7068.216	3.921	4806.387
164.440	1.002	14.818						
11/22/2016 5:55:00 AM	546900.000	12.342	17.689	28.131	6080.889	7067.832	3.921	4806.126
164.450	1.002	14.820						
11/22/2016 6:00:00 AM	547200.000	12.335	17.690	28.115	6082.939	7070.119	3.922	4807.682
164.394	1.002	14.822						
11/22/2016 6:05:00 AM	547500.000	12.343	17.689	28.134	6079.978	7066.759	3.920	4805.396
164.474	1.002	14.820						
11/22/2016 6:10:00 AM	547800.000	12.344	17.689	28.135	6079.890	7066.684	3.920	4805.346
164.477	1.002	14.818						
11/22/2016 6:15:00 AM	548100.000	12.347	17.689	28.144	6078.482	7065.007	3.919	4804.206
164.515	1.002	14.816						
11/22/2016 6:20:00 AM	548400.000	12.340	17.689	28.127	6079.109	7065.763	3.920	4804.719
164.498	1.002	14.819						
11/22/2016 6:25:00 AM	548700.000	12.343	17.690	28.134	6078.848	7065.337	3.919	4804.430
164.505	1.002	14.821						
11/22/2016 6:30:00 AM	549000.000	12.341	17.689	28.130	6080.827	7067.760	3.921	4806.077
164.451	1.002	14.824						
11/22/2016 6:35:00 AM	549300.000	12.340	17.690	28.128	6077.429	7063.742	3.918	4803.345
164.543	1.002	14.822						
11/22/2016 6:40:00 AM	549600.000	12.340	17.689	28.128	6073.202	7058.926	3.916	4800.070
164.658	1.002	14.820						
11/22/2016 6:45:00 AM	549900.000	12.348	17.690	28.144	6063.407	7047.432	3.909	4792.254
164.924	1.002	14.818						
11/22/2016 6:50:00 AM	550200.000	12.346	17.690	28.139	6050.8			

165.265	1.002	14.819					
11/22/2016 6:55:00 AM	550500.000	12.342	17.689	28.131	6032.671	7011.749	3.888
165.764	1.002	14.820					
11/22/2016 7:00:00 AM	550800.000	12.345	17.690	28.139	6017.571	6994.170	3.877
166.180	1.002	14.822					
11/22/2016 7:05:00 AM	551100.000	12.345	17.690	28.139	6004.542	6979.026	3.868
166.541	1.002	14.823					
11/22/2016 7:10:00 AM	551400.000	12.344	17.689	28.137	5992.714	6965.293	3.860
166.869	1.002	14.825					
11/22/2016 7:15:00 AM	551700.000	12.342	17.690	28.131	5978.921	6949.236	3.851
167.254	1.002	14.826					
11/22/2016 7:20:00 AM	552000.000	12.343	17.690	28.133	5968.059	6936.623	3.843
167.559	1.002	14.827					
11/22/2016 7:25:00 AM	552300.000	12.346	17.690	28.140	5957.384	6924.215	3.836
167.859	1.002	14.828					
11/22/2016 7:30:00 AM	552600.000	12.345	17.690	28.138	5948.815	6914.162	3.830
168.101	1.002	14.829					
11/22/2016 7:35:00 AM	552900.000	12.346	17.689	28.141	5940.255	6904.386	3.824
168.343	1.002	14.829					
11/22/2016 7:40:00 AM	553200.000	12.341	17.690	28.129	5931.111	6893.626	3.818
168.602	1.002	14.829					
11/22/2016 7:45:00 AM	553500.000	12.345	17.690	28.138	5921.896	6882.889	3.811
168.865	1.002	14.830					
11/22/2016 7:50:00 AM	553800.000	12.346	17.689	28.141	5914.125	6873.949	3.806
169.087	1.002	14.830					
11/22/2016 7:55:00 AM	554100.000	12.342	17.690	28.131	5908.607	6867.444	3.802
169.245	1.002	14.830					
11/22/2016 8:00:00 AM	554400.000	12.346	17.689	28.141	5899.128	6856.532	3.796
169.517	1.002	14.830					
11/22/2016 8:05:00 AM	554700.000	12.342	17.689	28.132	5893.919	6850.478	3.792
169.666	1.002	14.829					
11/22/2016 8:10:00 AM	555000.000	12.343	17.689	28.134	5885.690	6840.939	3.786
169.904	1.002	14.829					
11/22/2016 8:15:00 AM	555300.000	12.344	17.690	28.136	5878.285	6832.267	3.781
170.118	1.002	14.829					
11/22/2016 8:20:00 AM	555600.000	12.341	17.690	28.128	5871.638	6824.514	3.777
170.310	1.002	14.831					
11/22/2016 8:25:00 AM	555900.000	12.345	17.690	28.138	5864.679	6816.321	3.772
170.512	1.002	14.833					
11/22/2016 8:30:00 AM	556200.000	12.341	17.690	28.130	5858.202	6808.885	3.768
170.701	1.002	14.834					
11/22/2016 8:35:00 AM	556500.000	12.343	17.690	28.134	5852.509	6802.254	3.764
170.867	1.002	14.835					
11/22/2016 8:40:00 AM	556800.000	12.343	17.690	28.133	5846.838	6795.672	3.760
171.033	1.002	14.836					
11/22/2016 8:45:00 AM	557100.000	12.340	17.690	28.128	5841.327	6789.312	3.756
171.194	1.002	14.837					
11/22/2016 8:50:00 AM	557400.000	12.340	17.690	28.127	5834.382	6781.251	3.751
171.398	1.002	14.837					
11/22/2016 8:55:00 AM	557700.000	12.338	17.690	28.122	5827.318	6773.041	3.746
171.606	1.002	14.837					
11/22/2016 9:00:00 AM	558000.000	12.338	17.690	28.122	5822.638	6767.562	3.743
171.743	1.002	14.836					
11/22/2016 9:05:00 AM	558300.000	12.338	17.690	28.122	5816.977	6760.995	3.739
171.911	1.002	14.837					
11/22/2016 9:10:00 AM	558600.000	12.338	17.689	28.123	5813.971	6757.542	3.737
171.999	1.002	14.838					
11/22/2016 9:15:00 AM	558900.000	12.337	17.690	28.119	5806.703	6749.041	3.732
172.215	1.002	14.838					
11/22/2016 9:20:00 AM	559200.000	12.346	17.690	28.139	5803.672	6745.518	3.730
172.305	1.002	14.835					
11/22/2016 9:25:00 AM	559500.000	12.346	17.689	28.141	5798.521	6739.598	3.727
172.458	1.002	14.832					
11/22/2016 9:30:00 AM	559800.000	12.345	17.689	28.139	5795.451	6736.015	3.724
172.549	1.002	14.829					
11/22/2016 9:35:00 AM	560100.000	12.344	17.690	28.137	5790.174	6729.804	3.721
172.706	1.002	14.830					
11/22/2016 9:40:00 AM	560400.000	12.342	17.689	28.132	5785.434	6724.386	3.718
172.848	1.001	14.832					
11/22/2016 9:45:00 AM	560700.000	12.342	17.689	28.132	5782.998	6721.555	3.716
172.921	1.001	14.833					
11/22/2016 9:50:00 AM	561000.000	12.344	17.690	28.135	5778.627	6716.409	3.713
173.051	1.001	14.835					
11/22/2016 9:55:00 AM	561300.000	12.343	17.690	28.133	5775.904	6713.257	3.711
173.133	1.001	14.836					
11/22/2016 10:00:00 AM	561600.000	12.339	17.690	28.125	5770.257	6706.654	3.707
173.302	1.001	14.838					
11/22/2016 10:05:00 AM	561900.000	12.336	17.689	28.117	5768.298	6704.456	3.706
173.361	1.001	14.837					
11/22/2016 10:10:00 AM	562200.000	12.334	17.690	28.113	5764.976	6700.490	3.703
173.461	1.001	14.837					
11/22/2016 10:15:00 AM	562500.000	12.338	17.690	28.123	5759.163	6693.825	3.700
173.636	1.001	14.836					
11/22/2016 10:20:00 AM	562800.000	12.333	17.690	28.111	5758.484	6693.036	3.699
173.657	1.001	14.836					
11/22/2016 10:25:00 AM	563100.000	12.337	17.690	28.120	5753.552	6687.292	3.696
173.806	1.001	14.835					
11/22/2016 10:30:00 AM	563400.000	12.340	17.689	28.128	5750.280	6683.513	3.693
173.905	1.001	14.835					
11/22/2016 10:35:00 AM	563700.000	12.338	17.689	28.122	5748.193	6681.126	3.692
173.968	1.001	14.833					
11/22/2016 10:40:00 AM	564000.000	12.343	17.689	28.135	5745.051	6677.486	3.690
174.063	1.001	14.832					
11/22/2016 10:45:00 AM	564300.000	12.338	17.690	28.122	5743.186	6675.243	3.689
174.119	1.001	14.830					
11/22/2016 10:50:00 AM	564600.000	12.342	17.690	28.131	5741.998	6673.874	3.688
174.195	1.001	14.829					
11/22/2016 10:55:00 AM	564900.000	12.336	17.690	28.119	5737.624	6668.790	3.685
174.288	1.001	14.828					
11/22/2016 11:00:00 AM	565200.000	12.343	17.690	28.133	5736.354	6667.313	3.684
174.327	1.001	14.826					
11/22/2016 11:05:00 AM	565500.000	12.341	17.689	28.128	5733.310	6663.790	3.682
174.419	1.001	14.827					
11/22/2016 11:10:00 AM	565800.000	12.334	17.690	28.113	5732.871	6663.266	3.681
174.433	1.001	14.828					
11/22/2016 11:15:00 AM	566100.000	12.336	17.690	28.118	5729.844	6659.683	3.679
174.525	1.001	14.829					
11/22/2016 11:20:00 AM	566400.000	12.340	17.689	28.127	5726.452	6655.832	3.677
174.628	1.001	14.825					
11/22/2016 11:25:00 AM	566700.000	12.337	17.689	28.121	5726.301	6655.681	3.677
174.633	1.001	14.821					
11/22/2016 11:30:00 AM	567000.000	12.344	17.690	28.136	5722.958	6651.706	3.675
174.735	1.001	14.818					
11/22/2016 11:35:00 AM	567300.000	12.339	17.689	28.124	5722.283	6650.997	3.674
174.755	1.001	14.817					
11/22/2016 11:40:00 AM	567600.000	12.338	17.690	28.121	5719.754	6647.970	3.672
174.833	1.001	14.817					
11/22/2016 11:45:00 AM	567900.000	12.340	17.689	28.126	5717.460	6645.367	3.671
174.903	1.001	14.817					
11/22/2016 11:50:00 AM	568200.000	12.341	17.690	28.128	5715.094	6642.553	3.669
174.975	1.001	14.816					
11/22/2016 11:55:00 AM	568500.000	12.334	17.690	28.113	5715.427	6642.940	3.669
174.965	1.001	14.815					
11/22/2016 12:00:00 PM	568800.000	12.335	17.689	28.115	5714.234	6641.618	3.669
175.002	1.001	14.814					
11/22/2016 12:05:00 PM	569100.000	12.336	17.690	28.117	5712.608	6639.714	3.668
175.051	1.001	14.812					
11/22/2016 12:10:00 PM	569400.000	12.338	17.690	28.123	5711.316	6638.187	3.667
175.091	1.001	14.809					
11/22/2016 12:15:00 PM	569700.000	12.339	17.690	28.123	5710.580	6637.346	3.666
175.114	1.001	14.807					
11/22/2016 12:20:00 PM	570000.000	12.337	17.689	28.120	5708.039	6634.417	3.664
175.192	1.001	14.808					

4767.990							
4756.036							
4745.738							
4736.399							
4725.480							
4716.904							
4708.466							
4701.630							
4694.982							
4687.666							
4680.365							
4674.286							
4669.862							
4662.442							
4658.325							
4651.839							
4645.942							
4640.670							
4635.099							
4630.042							
4625.533							

11/22/2016 12:25:00 PM	570300.000	12 241	17.689	28.128	5708.548	6635.022	3.665	4511.815
175.176	1.001	14.809						
11/22/2016 12:30:00 PM	570600.000	12 335	17.689	28.115	5707.073	6633.294	3.664	4510.640
175.221	1.001	14.810						
11/22/2016 12:35:00 PM	570900.000	12 338	17.689	28.122	5705.646	6631.648	3.663	4509.521
175.265	1.001	14.811						
11/22/2016 12:40:00 PM	571200.000	12 338	17.689	28.123	5704.683	6630.542	3.662	4508.768
175.295	1.001	14.811						
11/22/2016 12:45:00 PM	571500.000	12 333	17.689	28.110	5704.536	6630.371	3.662	4508.652
175.299	1.001	14.811						
11/22/2016 12:50:00 PM	571800.000	12 332	17.689	28.109	5702.225	6627.660	3.660	4506.809
175.370	1.001	14.810						
11/22/2016 12:55:00 PM	572100.000	12 336	17.690	28.117	5702.529	6627.999	3.661	4507.040
175.361	1.001	14.810						
11/22/2016 1:00:00 PM	572400.000	12 336	17.690	28.118	5700.983	6626.191	3.660	4505.810
175.408	1.001	14.810						
11/22/2016 1:05:00 PM	572700.000	12 331	17.689	28.105	5699.528	6624.550	3.659	4504.694
175.453	1.001	14.809						
11/22/2016 1:10:00 PM	573000.000	12 336	17.690	28.118	5699.541	6624.515	3.659	4504.670
175.453	1.001	14.808						
11/22/2016 1:15:00 PM	573300.000	12 336	17.690	28.118	5700.312	6625.384	3.659	4505.261
175.429	1.001	14.808						
11/22/2016 1:20:00 PM	573600.000	12 332	17.690	28.109	5700.015	6624.987	3.659	4504.992
175.438	1.001	14.807						
11/22/2016 1:25:00 PM	573900.000	12 335	17.690	28.115	5699.533	6624.505	3.659	4504.664
175.453	1.001	14.807						
11/22/2016 1:30:00 PM	574200.000	12 332	17.690	28.108	5699.138	6624.007	3.658	4504.325
175.465	1.001	14.807						
11/22/2016 1:35:00 PM	574500.000	12 333	17.690	28.111	5697.403	6622.042	3.657	4502.989
175.519	1.001	14.805						
11/22/2016 1:40:00 PM	574800.000	12 334	17.689	28.113	5698.820	6623.727	3.658	4504.135
175.475	1.001	14.804						
11/22/2016 1:45:00 PM	575100.000	12 340	17.689	28.126	5698.836	6623.734	3.658	4504.140
175.474	1.001	14.802						
11/22/2016 1:50:00 PM	575400.000	12 336	17.689	28.117	5698.226	6623.025	3.658	4503.657
175.493	1.001	14.802						
11/22/2016 1:55:00 PM	575700.000	12 340	17.690	28.126	5697.004	6621.578	3.657	4502.673
175.531	1.001	14.801						
11/22/2016 2:00:00 PM	576000.000	12 335	17.690	28.115	5697.118	6621.699	3.657	4502.756
175.527	1.001	14.800						
11/22/2016 2:05:00 PM	576300.000	12 335	17.689	28.115	5696.775	6621.363	3.657	4502.527
175.538	1.001	14.801						
11/22/2016 2:10:00 PM	576600.000	12 339	17.690	28.125	5697.498	6622.151	3.657	4503.063
175.516	1.001	14.802						
11/22/2016 2:15:00 PM	576900.000	12 332	17.689	28.108	5696.363	6620.909	3.656	4502.218
175.551	1.001	14.803						
11/22/2016 2:20:00 PM	577200.000	12 331	17.690	28.105	5697.985	6622.692	3.658	4503.431
175.501	1.001	14.805						
11/22/2016 2:25:00 PM	577500.000	12 327	17.690	28.098	5696.984	6621.529	3.657	4502.640
175.531	1.001	14.807						
11/22/2016 2:30:00 PM	577800.000	12 329	17.689	28.103	5696.584	6621.117	3.657	4502.359
175.544	1.001	14.809						
11/22/2016 2:35:00 PM	578100.000	12 325	17.689	28.093	5697.339	6622.031	3.657	4502.981
175.521	1.001	14.809						
11/22/2016 2:40:00 PM	578400.000	12 329	17.689	28.102	5696.754	6621.314	3.657	4502.494
175.539	1.001	14.809						
11/22/2016 2:45:00 PM	578700.000	12 331	17.689	28.106	5697.284	6621.955	3.657	4502.929
175.522	1.001	14.808						
11/22/2016 2:50:00 PM	579000.000	12 334	17.689	28.113	5695.972	6620.417	3.656	4501.883
175.563	1.001	14.806						
11/22/2016 2:55:00 PM	579300.000	12 337	17.689	28.121	5696.936	6621.563	3.657	4502.663
175.533	1.001	14.804						
11/22/2016 3:00:00 PM	579600.000	12 333	17.689	28.111	5698.623	6623.498	3.658	4503.979
175.481	1.001	14.801						
11/22/2016 3:05:00 PM	579900.000	12 334	17.689	28.112	5699.251	6624.281	3.658	4504.511
175.462	1.001	14.804						
11/22/2016 3:10:00 PM	580200.000	12 327	17.689	28.098	5697.436	6622.118	3.657	4503.041
175.518	1.001	14.806						
11/22/2016 3:15:00 PM	580500.000	12 325	17.690	28.092	5697.651	6622.304	3.657	4503.167
175.511	1.001	14.809						
11/22/2016 3:20:00 PM	580800.000	12 329	17.689	28.101	5698.197	6623.028	3.658	4503.659
175.494	1.001	14.810						
11/22/2016 3:25:00 PM	581100.000	12 327	17.689	28.097	5699.857	6624.996	3.659	4504.997
175.443	1.001	14.810						
11/22/2016 3:30:00 PM	581400.000	12 321	17.689	28.084	5699.933	6625.033	3.659	4505.022
175.441	1.001	14.811						
11/22/2016 3:35:00 PM	581700.000	12 329	17.689	28.101	5698.853	6623.765	3.658	4504.161
175.474	1.001	14.809						
11/22/2016 3:40:00 PM	582000.000	12 327	17.689	28.097	5700.812	6626.017	3.660	4505.691
175.414	1.001	14.807						
11/22/2016 3:45:00 PM	582300.000	12 333	17.690	28.110	5701.743	6627.074	3.660	4506.411
175.385	1.001	14.805						
11/22/2016 3:50:00 PM	582600.000	12 327	17.689	28.098	5701.132	6626.402	3.660	4505.954
175.404	1.001	14.806						
11/22/2016 3:55:00 PM	582900.000	12 332	17.690	28.108	5701.998	6627.382	3.660	4506.621
175.377	1.001	14.806						
11/22/2016 4:00:00 PM	583200.000	12 329	17.689	28.102	5701.119	6626.437	3.660	4505.977
175.404	1.001	14.807						
11/22/2016 4:05:00 PM	583500.000	12 324	17.689	28.089	5702.711	6628.238	3.661	4507.202
175.355	1.001	14.808						
11/22/2016 4:10:00 PM	583800.000	12 327	17.689	28.097	5702.884	6628.438	3.661	4507.338
175.350	1.001	14.808						
11/22/2016 4:15:00 PM	584100.000	12 328	17.690	28.099	5702.716	6628.191	3.661	4507.171
175.355	1.001	14.809						
11/22/2016 4:20:00 PM	584400.000	12 324	17.689	28.091	5703.475	6629.112	3.661	4507.797
175.332	1.001	14.809						
11/22/2016 4:25:00 PM	584700.000	12 329	17.690	28.101	5704.633	6630.419	3.662	4508.685
175.296	1.001	14.809						
11/22/2016 4:30:00 PM	585000.000	12 328	17.689	28.100	5704.352	6630.156	3.662	4508.506
175.305	1.001	14.809						
11/22/2016 4:35:00 PM	585300.000	12 326	17.689	28.094	5705.777	6631.801	3.663	4509.625
175.261	1.001	14.811						
11/22/2016 4:40:00 PM	585600.000	12 319	17.689	28.080	5704.585	6630.428	3.662	4508.691
175.298	1.001	14.812						
11/22/2016 4:45:00 PM	585900.000	12 317	17.689	28.075	5705.826	6631.907	3.663	4509.697
175.259	1.001	14.813						
11/22/2016 4:50:00 PM	586200.000	12 318	17.689	28.076	5705.543	6631.542	3.663	4509.449
175.268	1.001	14.812						
11/22/2016 4:55:00 PM	586500.000	12 319	17.689	28.079	5707.228	6633.488	3.664	4510.772
175.216	1.001	14.811						
11/22/2016 5:00:00 PM	586800.000	12 320	17.689	28.082	5707.886	6634.290	3.664	4511.318
175.196	1.001	14.809						
11/22/2016 5:05:00 PM	587100.000	12 324	17.690	28.091	5706.656	6632.770	3.663	4510.284
175.234	1.001	14.810						
11/22/2016 5:10:00 PM	587400.000	12 325	17.689	28.092	5705.874	6631.925	3.663	4509.710
175.258	1.001	14.811						
11/22/2016 5:15:00 PM	587700.000	12 321	17.689	28.084	5709.349	6636.003	3.665	4512.482
175.151	1.001	14.812						
11/22/2016 5:20:00 PM	588000.000	12 324	17.690	28.091	5709.282	6635.849	3.665	4512.377
175.153	1.001	14.811						
11/22/2016 5:25:00 PM	588300.000	12 324	17.690	28.089	5708.538	6634.958	3.665	4511.771
175.176	1.001	14.810						
11/22/2016 5:30:00 PM	588600.000	12 325	17.689	28.092	5708.104	6634.517	3.665	4511.471
175.190	1.001	14.809						
11/22/2016 5:35:00 PM	588900.000	12 320	17.690	28.081	5710.708	6637.480	3.666	4513.487
175.110	1.001	14.810						
11/22/2016 5:40:00 PM	589200.000	12 326	17.690	28.096	5709.843	6636.462	3.666	4512.794
175.136	1.001	14.811						
11/22/2016 5:45:00 PM	589500.000	12 326	17.690	28.095	5709.908	6636.565	3.666	4512.865
175.134	1.001	14.811						
11/22/2016 5:50:00 PM	589800.000	12 325	17.689	28.093	5712.726	6639.915	3.668	4515.143

175.027	1.001	14.813						
11/22/2016 6:00:00 PM	590400.000	12.317	17.689	28.075	5712.008	6639.094	3.667	4514.584
175.070	1.001	14.814						
11/22/2016 6:05:00 PM	590700.000	12.322	17.689	28.086	5711.936	6638.985	3.667	4514.510
175.072	1.001	14.813						
11/22/2016 6:10:00 PM	591000.000	12.319	17.689	28.079	5713.602	6640.920	3.668	4515.826
175.021	1.001	14.813						
11/22/2016 6:15:00 PM	591300.000	12.325	17.689	28.092	5712.938	6640.125	3.668	4515.286
175.041	1.001	14.813						
11/22/2016 6:20:00 PM	591600.000	12.324	17.689	28.090	5716.238	6644.035	3.670	4517.944
174.940	1.001	14.813						
11/22/2016 6:25:00 PM	591900.000	12.318	17.689	28.077	5715.109	6642.648	3.669	4517.001
174.975	1.001	14.813						
11/22/2016 6:30:00 PM	592200.000	12.324	17.690	28.089	5715.551	6643.097	3.670	4517.306
174.961	1.001	14.814						
11/22/2016 6:35:00 PM	592500.000	12.322	17.689	28.085	5715.771	6643.442	3.670	4517.541
174.955	1.001	14.811						
11/22/2016 6:40:00 PM	592800.000	12.322	17.689	28.085	5719.054	6647.270	3.672	4520.144
174.854	1.001	14.809						
11/22/2016 6:45:00 PM	593100.000	12.324	17.689	28.090	5718.373	6646.479	3.672	4519.606
174.875	1.001	14.807						
11/22/2016 6:50:00 PM	593400.000	12.323	17.689	28.089	5717.170	6645.030	3.671	4518.621
174.912	1.001	14.808						
11/22/2016 6:55:00 PM	593700.000	12.323	17.689	28.088	5718.050	6646.091	3.671	4519.342
174.885	1.001	14.809						
11/22/2016 7:00:00 PM	594000.000	12.321	17.690	28.083	5720.889	6649.327	3.673	4521.542
174.798	1.001	14.809						
11/22/2016 7:05:00 PM	594300.000	12.318	17.689	28.077	5720.068	6648.412	3.673	4520.921
174.823	1.001	14.811						
11/22/2016 7:10:00 PM	594600.000	12.324	17.690	28.090	5721.099	6649.544	3.673	4521.691
174.792	1.001	14.812						
11/22/2016 7:15:00 PM	594900.000	12.317	17.690	28.074	5721.876	6650.461	3.674	4522.313
174.768	1.001	14.813						
11/22/2016 7:20:00 PM	595200.000	12.320	17.689	28.082	5721.401	6649.998	3.674	4521.999
174.782	1.001	14.814						
11/22/2016 7:25:00 PM	595500.000	12.320	17.689	28.080	5723.107	6651.956	3.675	4523.330
174.730	1.001	14.815						
11/22/2016 7:30:00 PM	595800.000	12.320	17.689	28.081	5724.416	6653.515	3.676	4524.390
174.690	1.001	14.816						
11/22/2016 7:35:00 PM	596100.000	12.318	17.689	28.075	5725.763	6655.068	3.677	4525.446
174.649	1.001	14.814						
11/22/2016 7:40:00 PM	596400.000	12.326	17.689	28.095	5725.474	6654.695	3.676	4525.193
174.658	1.001	14.812						
11/22/2016 7:45:00 PM	596700.000	12.328	17.690	28.099	5726.909	6656.336	3.677	4526.309
174.614	1.001	14.810						
11/22/2016 7:50:00 PM	597000.000	12.322	17.689	28.085	5727.599	6657.202	3.678	4526.898
174.593	1.001	14.811						
11/22/2016 7:55:00 PM	597300.000	12.321	17.689	28.083	5728.391	6658.123	3.678	4527.524
174.569	1.001	14.812						
11/22/2016 8:00:00 PM	597600.000	12.319	17.689	28.079	5728.089	6657.799	3.678	4527.304
174.578	1.001	14.814						
11/22/2016 8:05:00 PM	597900.000	12.319	17.690	28.078	5728.115	6657.712	3.678	4527.245
174.578	1.001	14.814						
11/22/2016 8:10:00 PM	598200.000	12.317	17.689	28.074	5729.038	6658.849	3.679	4528.018
174.549	1.001	14.814						
11/22/2016 8:15:00 PM	598500.000	12.321	17.689	28.084	5730.926	6661.043	3.680	4529.510
174.492	1.001	14.814						
11/22/2016 8:20:00 PM	598800.000	12.317	17.689	28.075	5730.445	6660.510	3.680	4529.147
174.507	1.001	14.812						
11/22/2016 8:25:00 PM	599100.000	12.322	17.689	28.086	5731.373	6661.551	3.680	4529.855
174.478	1.001	14.810						
11/22/2016 8:30:00 PM	599400.000	12.325	17.689	28.093	5732.432	6662.782	3.681	4530.692
174.446	1.001	14.808						
11/22/2016 8:35:00 PM	599700.000	12.321	17.690	28.084	5733.216	6663.667	3.682	4531.294
174.422	1.001	14.810						
11/22/2016 8:40:00 PM	600000.000	12.320	17.689	28.081	5732.952	6663.424	3.682	4531.128
174.430	1.001	14.812						
11/22/2016 8:45:00 PM	600300.000	12.314	17.689	28.068	5733.166	6663.635	3.682	4531.272
174.424	1.001	14.813						
11/22/2016 8:50:00 PM	600600.000	12.320	17.689	28.082	5734.142	6664.845	3.682	4532.095
174.394	1.001	14.811						
11/22/2016 8:55:00 PM	600900.000	12.317	17.689	28.073	5734.464	6665.258	3.683	4532.376
174.384	1.001	14.809						
11/22/2016 9:00:00 PM	601200.000	12.323	17.689	28.087	5734.990	6665.756	3.683	4532.714
174.368	1.001	14.807						
11/22/2016 9:05:00 PM	601500.000	12.322	17.689	28.086	5734.964	6665.829	3.683	4532.764
174.369	1.001	14.809						
11/22/2016 9:10:00 PM	601800.000	12.320	17.689	28.082	5735.378	6666.207	3.683	4533.021
174.356	1.001	14.811						
11/22/2016 9:15:00 PM	602100.000	12.319	17.689	28.078	5736.306	6667.322	3.684	4533.779
174.328	1.001	14.812						
11/22/2016 9:20:00 PM	602400.000	12.314	17.689	28.068	5736.717	6667.788	3.684	4534.096
174.316	1.001	14.811						
11/22/2016 9:25:00 PM	602700.000	12.321	17.689	28.083	5738.159	6669.438	3.685	4535.218
174.272	1.001	14.810						
11/22/2016 9:30:00 PM	603000.000	12.320	17.689	28.082	5736.960	6668.057	3.684	4534.278
174.308	1.001	14.809						
11/22/2016 9:35:00 PM	603300.000	12.317	17.689	28.073	5738.272	6669.620	3.685	4535.342
174.268	1.001	14.809						
11/22/2016 9:40:00 PM	603600.000	12.322	17.689	28.086	5738.039	6669.324	3.685	4535.141
174.276	1.001	14.808						
11/22/2016 9:45:00 PM	603900.000	12.324	17.689	28.091	5739.094	6670.525	3.686	4535.958
174.244	1.001	14.807						
11/22/2016 9:50:00 PM	604200.000	12.322	17.689	28.085	5739.820	6671.370	3.686	4536.531
174.221	1.001	14.808						
11/22/2016 9:55:00 PM	604500.000	12.317	17.689	28.075	5741.432	6673.280	3.687	4537.831
174.173	1.001	14.808						
11/22/2016 10:00:00 PM	604800.000	12.322	17.690	28.085	5742.230	6674.133	3.688	4538.410
174.148	1.001	14.809						
11/22/2016 10:05:00 PM	605100.000	12.322	17.689	28.086	5745.400	6677.919	3.690	4540.985
174.052	1.001	14.811						
11/22/2016 10:10:00 PM	605400.000	12.315	17.689	28.069	5755.219	6689.279	3.697	4548.710
173.755	1.001	14.813						
11/22/2016 10:15:00 PM	605700.000	12.316	17.689	28.072	5772.360	6709.267	3.709	4562.302
173.239	1.001	14.815						
11/22/2016 10:20:00 PM	606000.000	12.315	17.689	28.069	5790.964	6730.826	3.721	4576.961
172.683	1.002	14.814						
11/22/2016 10:25:00 PM	606300.000	12.320	17.689	28.081	5806.507	6748.957	3.732	4589.291
172.221	1.002	14.812						
11/22/2016 10:30:00 PM	606600.000	12.317	17.689	28.075	5824.264	6769.623	3.744	4603.343
171.696	1.002	14.811						
11/22/2016 10:35:00 PM	606900.000	12.317	17.689	28.075	5835.838	6782.958	3.752	4612.412
171.355	1.002	14.812						
11/22/2016 10:40:00 PM	607200.000	12.320	17.689	28.080	5848.148	6797.330	3.761	4622.184
170.994	1.002	14.813						
11/22/2016 10:45:00 PM	607500.000	12.316	17.689	28.072	5861.144	6812.475	3.770	4632.483
170.615	1.002	14.814						
11/22/2016 10:50:00 PM	607800.000	12.317	17.689	28.075	5871.162	6824.132	3.777	4640.411
170.324	1.002	14.815						
11/22/2016 10:55:00 PM	608100.000	12.311	17.689	28.061	5883.108	6837.963	3.785	4649.815
169.978	1.002	14.816						
11/22/2016 11:00:00 PM	608400.000	12.311	17.688	28.060	5891.036	6847.259	3.790	4656.137
169.749	1.002	14.816						
11/22/2016 11:05:00 PM	608700.000	12.318	17.689	28.076	5900.655	6858.374	3.797	4663.694
169.473	1.002	14.815						
11/22/2016 11:10:00 PM	609000.000	12.322	17.689	28.085	5909.803	6868.991	3.803	4670.914
169.210	1.002	14.814						
11/22/2016 11:15:00 PM	609300.000	12.317	17.689	28.073	5917.304	6877.776	3.808	4676.888
168.996	1.002	14.814						
11/22/2016 11:20:00 PM	609600.000	12.318	17.689	28.077	5924.205	6885.730	3.813	4682.297
168.799	1.002	14.812						
11/22/2016 11:25:00 PM	609900.000	12.320	17					

11/22/2016 11:30:00 PM	610200.000	12.325	17.689	28.092	5937.651	6901.386	3.822	4692.943
168.417	1.002	14.810						
11/22/2016 11:35:00 PM	610500.000	12.326	17.689	28.094	5943.986	6908.709	3.827	4697.923
168.237	1.002	14.809						
11/22/2016 11:40:00 PM	610800.000	12.325	17.688	28.093	5949.466	6915.186	3.830	4702.327
168.082	1.002	14.808						
11/22/2016 11:45:00 PM	611100.000	12.322	17.688	28.086	5954.314	6920.809	3.834	4706.150
167.945	1.002	14.807						
11/22/2016 11:50:00 PM	611400.000	12.326	17.689	28.095	5960.703	6928.127	3.838	4711.127
167.765	1.002	14.807						
11/22/2016 11:55:00 PM	611700.000	12.326	17.688	28.094	5966.851	6935.406	3.842	4716.076
167.593	1.002	14.808						
11/23/2016 12:00:00 AM	612000.000	12.325	17.689	28.093	5971.314	6940.460	3.845	4719.513
167.467	1.002	14.808						
11/23/2016 12:05:00 AM	612300.000	12.322	17.689	28.085	5976.299	6946.321	3.849	4723.499
167.328	1.002	14.811						
11/23/2016 12:10:00 AM	612600.000	12.314	17.689	28.067	5982.739	6953.806	3.853	4728.588
167.148	1.002	14.815						
11/23/2016 12:15:00 AM	612900.000	12.312	17.689	28.063	5986.242	6957.837	3.856	4731.330
167.050	1.002	14.818						
11/23/2016 12:20:00 AM	613200.000	12.318	17.688	28.077	5990.764	6963.188	3.859	4734.968
166.924	1.002	14.816						
11/23/2016 12:25:00 AM	613500.000	12.318	17.688	28.076	5995.815	6969.072	3.862	4738.969
166.783	1.002	14.814						
11/23/2016 12:30:00 AM	613800.000	12.319	17.688	28.080	5999.016	6972.767	3.864	4741.482
166.694	1.002	14.812						
11/23/2016 12:35:00 AM	614100.000	12.327	17.689	28.098	6003.198	6977.544	3.867	4744.730
166.578	1.002	14.810						
11/23/2016 12:40:00 AM	614400.000	12.326	17.689	28.095	6006.827	6981.696	3.870	4747.553
166.477	1.002	14.808						
11/23/2016 12:45:00 AM	614700.000	12.330	17.689	28.104	6012.388	6988.268	3.874	4752.023
166.323	1.002	14.805						
11/23/2016 12:50:00 AM	615000.000	12.328	17.689	28.099	6016.333	6992.868	3.876	4755.150
166.214	1.002	14.804						
11/23/2016 12:55:00 AM	615300.000	12.329	17.689	28.101	6018.694	6995.571	3.878	4756.989
166.149	1.002	14.803						
11/23/2016 1:00:00 AM	615600.000	12.328	17.689	28.099	6023.854	7001.595	3.882	4761.084
166.007	1.002	14.801						
11/23/2016 1:05:00 AM	615900.000	12.331	17.689	28.107	6025.397	7003.389	3.883	4762.304
165.964	1.002	14.802						
11/23/2016 1:10:00 AM	616200.000	12.326	17.689	28.094	6027.902	7006.273	3.884	4764.267
165.895	1.002	14.803						
11/23/2016 1:15:00 AM	616500.000	12.327	17.688	28.097	6030.828	7009.769	3.886	4766.643
165.815	1.002	14.804						
11/23/2016 1:20:00 AM	616800.000	12.330	17.689	28.103	6033.199	7012.430	3.888	4768.453
165.750	1.002	14.804						
11/23/2016 1:25:00 AM	617100.000	12.327	17.688	28.097	6036.456	7016.284	3.890	4771.073
165.660	1.002	14.803						
11/23/2016 1:30:00 AM	617400.000	12.333	17.689	28.110	6037.891	7017.884	3.891	4772.162
165.621	1.002	14.803						
11/23/2016 1:35:00 AM	617700.000	12.326	17.689	28.095	6041.540	7022.177	3.894	4775.081
165.521	1.002	14.805						
11/23/2016 1:40:00 AM	618000.000	12.324	17.689	28.091	6043.604	7024.509	3.895	4776.667
165.464	1.002	14.807						
11/23/2016 1:45:00 AM	618300.000	12.325	17.689	28.092	6045.291	7026.525	3.896	4778.038
165.419	1.002	14.810						
11/23/2016 1:50:00 AM	618600.000	12.326	17.689	28.094	6046.733	7028.161	3.897	4779.149
165.379	1.002	14.810						
11/23/2016 1:55:00 AM	618900.000	12.326	17.688	28.095	6048.961	7030.819	3.899	4780.957
165.319	1.002	14.809						
11/23/2016 2:00:00 AM	619200.000	12.333	17.689	28.111	6052.596	7035.017	3.901	4783.812
165.218	1.002	14.809						
11/23/2016 2:05:00 AM	619500.000	12.326	17.689	28.096	6053.687	7036.214	3.902	4784.626
165.189	1.002	14.812						
11/23/2016 2:10:00 AM	619800.000	12.324	17.689	28.090	6056.202	7039.193	3.904	4786.651
165.120	1.002	14.815						
11/23/2016 2:15:00 AM	620100.000	12.328	17.688	28.099	6059.366	7042.912	3.906	4789.180
165.034	1.002	14.818						
11/23/2016 2:20:00 AM	620400.000	12.329	17.688	28.102	6059.601	7043.186	3.906	4789.366
165.027	1.002	14.818						
11/23/2016 2:25:00 AM	620700.000	12.324	17.689	28.090	6061.299	7045.091	3.907	4790.662
164.981	1.002	14.818						
11/23/2016 2:30:00 AM	621000.000	12.324	17.689	28.090	6064.147	7048.373	3.909	4792.894
164.904	1.002	14.818						
11/23/2016 2:35:00 AM	621300.000	12.331	17.689	28.106	6065.250	7049.668	3.910	4793.774
164.874	1.002	14.816						
11/23/2016 2:40:00 AM	621600.000	12.334	17.689	28.113	6068.636	7053.631	3.912	4796.470
164.782	1.002	14.814						
11/23/2016 2:45:00 AM	621900.000	12.331	17.689	28.106	6068.988	7054.029	3.913	4796.740
164.772	1.002	14.812						
11/23/2016 2:50:00 AM	622200.000	12.339	17.689	28.125	6070.578	7055.861	3.914	4797.985
164.729	1.002	14.813						
11/23/2016 2:55:00 AM	622500.000	12.335	17.689	28.116	6072.079	7057.673	3.915	4799.218
164.688	1.002	14.813						
11/23/2016 3:00:00 AM	622800.000	12.331	17.689	28.107	6074.820	7060.833	3.917	4801.367
164.614	1.002	14.814						
11/23/2016 3:05:00 AM	623100.000	12.335	17.689	28.116	6076.613	7062.917	3.918	4802.785
164.565	1.002	14.814						
11/23/2016 3:10:00 AM	623400.000	12.338	17.689	28.121	6077.212	7063.545	3.918	4803.211
164.549	1.002	14.814						
11/23/2016 3:15:00 AM	623700.000	12.340	17.689	28.126	6078.487	7065.001	3.919	4804.201
164.515	1.002	14.814						
11/23/2016 3:20:00 AM	624000.000	12.334	17.689	28.112	6078.985	7065.688	3.920	4804.669
164.501	1.002	14.818						
11/23/2016 3:25:00 AM	624300.000	12.335	17.689	28.115	6082.310	7069.512	3.922	4807.269
164.411	1.002	14.823						
11/23/2016 3:30:00 AM	624600.000	12.330	17.689	28.103	6082.712	7069.911	3.922	4807.540
164.400	1.002	14.827						
11/23/2016 3:35:00 AM	624900.000	12.334	17.689	28.113	6084.089	7071.524	3.923	4808.637
164.363	1.002	14.828						
11/23/2016 3:40:00 AM	625200.000	12.330	17.689	28.104	6085.460	7073.106	3.924	4809.712
164.326	1.002	14.830						
11/23/2016 3:45:00 AM	625500.000	12.330	17.689	28.104	6085.315	7072.963	3.924	4809.615
164.330	1.002	14.831						
11/23/2016 3:50:00 AM	625800.000	12.330	17.689	28.104	6086.708	7074.625	3.925	4810.745
164.292	1.002	14.833						
11/23/2016 3:55:00 AM	626100.000	12.329	17.689	28.102	6087.030	7075.011	3.925	4811.007
164.284	1.002	14.835						
11/23/2016 4:00:00 AM	626400.000	12.334	17.689	28.113	6088.486	7076.648	3.926	4812.122
164.244	1.002	14.837						
11/23/2016 4:05:00 AM	626700.000	12.331	17.689	28.106	6088.277	7076.406	3.926	4811.957
164.250	1.002	14.838						
11/23/2016 4:10:00 AM	627000.000	12.334	17.689	28.114	6089.526	7077.871	3.927	4812.953
164.216	1.002	14.839						
11/23/2016 4:15:00 AM	627300.000	12.336	17.689	28.117	6090.177	7078.600	3.927	4813.448
164.199	1.002	14.839						
11/23/2016 4:20:00 AM	627600.000	12.335	17.689	28.115	6088.308	7076.496	3.926	4812.018
164.249	1.002	14.841						
11/23/2016 4:25:00 AM	627900.000	12.332	17.689	28.108	6089.392	7077.715	3.927	4812.846
164.220	1.002	14.844						
11/23/2016 4:30:00 AM	628200.000	12.331	17.689	28.105	6091.063	7079.727	3.928	4814.215
164.175	1.002	14.846						
11/23/2016 4:35:00 AM	628500.000	12.335	17.689	28.116	6090.791	7079.370	3.928	4813.972
164.182	1.002	14.845						
11/23/2016 4:40:00 AM	628800.000	12.337	17.689	28.121	6090.576	7079.063	3.927	4813.764
164.188	1.002	14.845						
11/23/2016 4:45:00 AM	629100.000	12.336	17.689	28.118	6091.383	7080.030	3.928	4814.421
164.166	1.002	14.845						
11/23/2016 4:50:00 AM	629400.000	12.337	17.689	28.119	6091.418	7080.070	3.928	4814.448
164.165	1.002	14.844						
11/23/2016 4:55:00 AM	629700.000	12.338	17.689	28.123	6091.276	7079.852	3.928	4814.300
164.169	1.002	14.843						
11/23/2016 5:00:00 AM	630000.000	12.346	17.689					

164.116	1.002	14.842					
11/23/2016 5:05:00 AM	630300.000	12.342	17.689	28.132	6092.467	7081.303	3.929
164.137	1.002	14.846					
11/23/2016 5:10:00 AM	630600.000	12.338	17.689	28.121	6091.829	7080.534	3.928
164.154	1.002	14.849					
11/23/2016 5:15:00 AM	630900.000	12.334	17.689	28.113	6091.462	7080.082	3.928
164.164	1.002	14.852					
11/23/2016 5:20:00 AM	631200.000	12.340	17.689	28.127	6091.904	7080.648	3.928
164.152	1.002	14.851					
11/23/2016 5:25:00 AM	631500.000	12.341	17.689	28.129	6093.726	7082.725	3.930
164.103	1.002	14.851					
11/23/2016 5:30:00 AM	631800.000	12.339	17.689	28.125	6091.578	7080.285	3.928
164.161	1.002	14.851					
11/23/2016 5:35:00 AM	632100.000	12.339	17.689	28.124	6093.281	7082.222	3.929
164.115	1.002	14.852					
11/23/2016 5:40:00 AM	632400.000	12.343	17.689	28.134	6092.101	7080.905	3.929
164.147	1.002	14.853					
11/23/2016 5:45:00 AM	632700.000	12.345	17.689	28.138	6092.533	7081.395	3.929
164.135	1.002	14.853					
11/23/2016 5:50:00 AM	633000.000	12.336	17.689	28.119	6093.450	7082.472	3.930
164.111	1.002	14.857					
11/23/2016 5:55:00 AM	633300.000	12.333	17.689	28.110	6091.832	7080.551	3.928
164.154	1.002	14.860					
11/23/2016 6:00:00 AM	633600.000	12.335	17.689	28.115	6093.023	7081.976	3.929
164.122	1.002	14.863					
11/23/2016 6:05:00 AM	633900.000	12.339	17.690	28.123	6091.917	7080.583	3.928
164.152	1.002	14.862					
11/23/2016 6:10:00 AM	634200.000	12.336	17.689	28.118	6091.351	7079.979	3.928
164.167	1.002	14.860					
11/23/2016 6:15:00 AM	634500.000	12.337	17.689	28.120	6090.929	7079.448	3.928
164.179	1.002	14.859					
11/23/2016 6:20:00 AM	634800.000	12.345	17.689	28.138	6089.946	7078.332	3.927
164.205	1.002	14.857					
11/23/2016 6:25:00 AM	635100.000	12.343	17.689	28.133	6089.957	7078.384	3.927
164.205	1.002	14.855					
11/23/2016 6:30:00 AM	635400.000	12.348	17.689	28.145	6090.193	7078.687	3.927
164.198	1.002	14.853					
11/23/2016 6:35:00 AM	635700.000	12.342	17.690	28.131	6085.654	7073.302	3.924
164.321	1.002	14.857					
11/23/2016 6:40:00 AM	636000.000	12.338	17.689	28.123	6074.195	7060.039	3.916
164.631	1.002	14.861					
11/23/2016 6:45:00 AM	636300.000	12.335	17.689	28.115	6058.618	7041.918	3.905
165.054	1.002	14.865					
11/23/2016 6:50:00 AM	636600.000	12.338	17.690	28.123	6041.791	7022.309	3.894
165.514	1.002	14.865					
11/23/2016 6:55:00 AM	636900.000	12.339	17.690	28.125	6026.018	7003.987	3.883
165.947	1.002	14.866					
11/23/2016 7:00:00 AM	637200.000	12.340	17.689	28.128	6013.372	6989.318	3.874
166.296	1.002	14.866					
11/23/2016 7:05:00 AM	637500.000	12.336	17.689	28.117	5999.579	6973.325	3.865
166.678	1.002	14.866					
11/23/2016 7:10:00 AM	637800.000	12.342	17.689	28.131	5988.271	6960.129	3.857
166.993	1.002	14.866					
11/23/2016 7:15:00 AM	638100.000	12.345	17.689	28.138	5978.530	6948.833	3.850
167.265	1.002	14.867					
11/23/2016 7:20:00 AM	638400.000	12.343	17.690	28.134	5969.604	6938.391	3.844
167.515	1.002	14.869					
11/23/2016 7:25:00 AM	638700.000	12.338	17.689	28.123	5959.077	6926.236	3.837
167.811	1.002	14.870					
11/23/2016 7:30:00 AM	639000.000	12.338	17.689	28.122	5950.410	6916.123	3.831
168.056	1.002	14.872					
11/23/2016 7:35:00 AM	639300.000	12.343	17.690	28.134	5942.726	6907.178	3.826
168.273	1.002	14.872					
11/23/2016 7:40:00 AM	639600.000	12.340	17.689	28.127	5934.254	6897.372	3.820
168.513	1.002	14.872					
11/23/2016 7:45:00 AM	639900.000	12.342	17.690	28.130	5926.041	6887.576	3.814
168.747	1.002	14.872					
11/23/2016 7:50:00 AM	640200.000	12.345	17.689	28.139	5918.438	6878.976	3.809
168.964	1.002	14.873					
11/23/2016 7:55:00 AM	640500.000	12.344	17.689	28.136	5911.642	6871.116	3.804
169.158	1.002	14.875					
11/23/2016 8:00:00 AM	640800.000	12.344	17.690	28.136	5904.562	6862.808	3.799
169.361	1.002	14.877					
11/23/2016 8:05:00 AM	641100.000	12.339	17.690	28.124	5900.481	6858.077	3.797
169.478	1.002	14.879					
11/23/2016 8:10:00 AM	641400.000	12.338	17.689	28.121	5890.784	6846.821	3.790
169.757	1.002	14.881					
11/23/2016 8:15:00 AM	641700.000	12.337	17.690	28.119	5885.043	6840.108	3.786
169.922	1.002	14.884					
11/23/2016 8:20:00 AM	642000.000	12.338	17.690	28.123	5878.721	6832.774	3.782
170.105	1.002	14.882					
11/23/2016 8:25:00 AM	642300.000	12.341	17.689	28.129	5873.536	6826.825	3.778
170.255	1.002	14.890					
11/23/2016 8:30:00 AM	642600.000	12.343	17.689	28.133	5868.307	6820.735	3.775
170.407	1.002	14.878					
11/23/2016 8:35:00 AM	642900.000	12.341	17.689	28.130	5860.404	6811.524	3.769
170.637	1.002	14.881					
11/23/2016 8:40:00 AM	643200.000	12.340	17.689	28.127	5854.786	6804.979	3.765
170.800	1.002	14.884					
11/23/2016 8:45:00 AM	643500.000	12.342	17.690	28.130	5849.139	6798.403	3.761
170.965	1.002	14.886					
11/23/2016 8:50:00 AM	643800.000	12.342	17.690	28.131	5843.268	6791.552	3.757
171.137	1.002	14.887					
11/23/2016 8:55:00 AM	644100.000	12.343	17.690	28.133	5837.547	6784.918	3.753
171.305	1.002	14.887					
11/23/2016 9:00:00 AM	644400.000	12.343	17.689	28.134	5833.158	6779.842	3.750
171.434	1.002	14.887					
11/23/2016 9:05:00 AM	644700.000	12.343	17.689	28.133	5828.284	6774.190	3.747
171.577	1.002	14.889					
11/23/2016 9:10:00 AM	645000.000	12.339	17.689	28.125	5823.309	6768.433	3.744
171.724	1.002	14.890					
11/23/2016 9:15:00 AM	645300.000	12.343	17.690	28.135	5818.152	6762.388	3.740
171.876	1.002	14.892					
11/23/2016 9:20:00 AM	645600.000	12.344	17.689	28.135	5814.981	6758.729	3.738
171.970	1.002	14.892					
11/23/2016 9:25:00 AM	645900.000	12.342	17.690	28.132	5809.095	6751.860	3.734
172.144	1.002	14.893					
11/23/2016 9:30:00 AM	646200.000	12.339	17.689	28.124	5806.180	6748.537	3.732
172.230	1.002	14.893					
11/23/2016 9:35:00 AM	646500.000	12.341	17.689	28.129	5801.618	6743.183	3.729
172.366	1.002	14.892					
11/23/2016 9:40:00 AM	646800.000	12.342	17.689	28.130	5797.650	6738.596	3.726
172.464	1.002	14.890					
11/23/2016 9:45:00 AM	647100.000	12.348	17.690	28.145	5792.077	6732.042	3.722
172.650	1.002	14.888					
11/23/2016 9:50:00 AM	647400.000	12.347	17.690	28.144	5788.023	6727.369	3.719
172.771	1.002	14.890					
11/23/2016 9:55:00 AM	647700.000	12.342	17.689	28.132	5785.445	6724.411	3.718
172.848	1.001	14.892					
11/23/2016 10:00:00 AM	648000.000	12.342	17.690	28.132	5782.041	6720.364	3.715
172.949	1.001	14.894					
11/23/2016 10:05:00 AM	648300.000	12.340	17.690	28.126	5777.895	6715.570	3.712
173.073	1.001	14.897					
11/23/2016 10:10:00 AM	648600.000	12.342	17.689	28.130	5774.035	6711.148	3.710
173.189	1.001	14.901					
11/23/2016 10:15:00 AM	648900.000	12.337	17.690	28.120	5771.420	6708.059	3.708
173.268	1.001	14.905					
11/23/2016 10:20:00 AM	649200.000	12.338	17.690	28.122	5766.577	6702.416	3.705
173.413	1.001	14.903					
11/23/2016 10:25:00 AM	649500.000	12.338	17.690	28.122	5765.388	6701.060	3.704
173.449	1.001	14.902					
11/23/2016 10:30:00 AM	649800.000	12.340	17.689	28.126	5760.651	6695.581	3.701
173.591	1.001	14.900					

11/23/2016 10:35:00 AM	650100.000	12.336	17.690	28.118	5759.444	6694.060	3.700	4551.961
173.628	1.001	14.901						
11/23/2016 10:40:00 AM	650400.000	12.336	17.689	28.118	5756.284	6690.530	3.698	4549.560
173.723	1.001	14.901						
11/23/2016 10:45:00 AM	650700.000	12.335	17.689	28.116	5752.405	6685.984	3.695	4546.470
173.840	1.001	14.901						
11/23/2016 10:50:00 AM	651000.000	12.343	17.689	28.132	5750.622	6683.911	3.694	4545.059
173.894	1.001	14.900						
11/23/2016 10:55:00 AM	651300.000	12.343	17.689	28.133	5747.702	6680.542	3.692	4542.769
173.983	1.001	14.899						
11/23/2016 11:00:00 AM	651600.000	12.339	17.689	28.125	5746.396	6678.999	3.691	4541.719
174.022	1.001	14.897						
11/23/2016 11:05:00 AM	651900.000	12.337	17.689	28.120	5743.095	6675.279	3.689	4539.190
174.122	1.001	14.897						
11/23/2016 11:10:00 AM	652200.000	12.337	17.690	28.119	5742.568	6674.498	3.688	4538.659
174.138	1.001	14.897						
11/23/2016 11:15:00 AM	652500.000	12.340	17.689	28.127	5738.449	6669.851	3.685	4535.499
174.263	1.001	14.896						
11/23/2016 11:20:00 AM	652800.000	12.338	17.689	28.122	5738.082	6669.349	3.685	4535.157
174.274	1.001	14.894						
11/23/2016 11:25:00 AM	653100.000	12.343	17.689	28.134	5734.620	6665.375	3.683	4532.456
174.379	1.001	14.893						
11/23/2016 11:30:00 AM	653400.000	12.345	17.689	28.137	5733.932	6664.550	3.682	4531.894
174.400	1.001	14.891						
11/23/2016 11:35:00 AM	653700.000	12.340	17.689	28.126	5730.227	6660.269	3.680	4528.983
174.513	1.001	14.891						
11/23/2016 11:40:00 AM	654000.000	12.339	17.689	28.124	5730.376	6660.431	3.680	4529.093
174.509	1.001	14.891						
11/23/2016 11:45:00 AM	654300.000	12.343	17.689	28.134	5728.234	6657.915	3.678	4527.382
174.574	1.001	14.891						
11/23/2016 11:50:00 AM	654600.000	12.341	17.689	28.129	5726.183	6655.569	3.677	4525.787
174.636	1.001	14.890						
11/23/2016 11:55:00 AM	654900.000	12.334	17.689	28.112	5724.178	6653.188	3.676	4524.168
174.698	1.001	14.890						
11/23/2016 12:00:00 PM	655200.000	12.339	17.689	28.125	5722.842	6651.686	3.675	4523.146
174.738	1.001	14.890						
11/23/2016 12:05:00 PM	655500.000	12.339	17.689	28.124	5720.089	6648.423	3.673	4520.928
174.822	1.001	14.889						
11/23/2016 12:10:00 PM	655800.000	12.335	17.689	28.114	5718.206	6646.248	3.671	4519.448
174.880	1.001	14.887						
11/23/2016 12:15:00 PM	656100.000	12.336	17.689	28.117	5716.972	6644.837	3.671	4518.489
174.918	1.001	14.886						
11/23/2016 12:20:00 PM	656400.000	12.339	17.690	28.123	5717.416	6645.303	3.671	4518.806
174.904	1.001	14.885						
11/23/2016 12:25:00 PM	656700.000	12.336	17.689	28.118	5716.205	6643.947	3.670	4517.884
174.941	1.001	14.884						
11/23/2016 12:30:00 PM	657000.000	12.334	17.689	28.114	5714.140	6641.508	3.669	4516.226
175.004	1.001	14.883						
11/23/2016 12:35:00 PM	657300.000	12.335	17.689	28.115	5711.881	6638.971	3.667	4514.500
175.074	1.001	14.881						
11/23/2016 12:40:00 PM	657600.000	12.341	17.689	28.130	5710.446	6637.240	3.666	4513.323
175.119	1.001	14.880						
11/23/2016 12:45:00 PM	657900.000	12.342	17.690	28.130	5708.411	6634.835	3.665	4511.688
175.180	1.001	14.878						
11/23/2016 12:50:00 PM	658200.000	12.342	17.689	28.132	5709.028	6635.604	3.665	4512.211
175.161	1.001	14.876						
11/23/2016 12:55:00 PM	658500.000	12.339	17.689	28.125	5706.313	6632.474	3.663	4510.082
175.245	1.001	14.875						
11/23/2016 1:00:00 PM	658800.000	12.339	17.690	28.125	5708.227	6634.596	3.665	4511.525
175.186	1.001	14.873						
11/23/2016 1:05:00 PM	659100.000	12.342	17.689	28.132	5706.704	6632.865	3.664	4510.349
175.232	1.001	14.874						
11/23/2016 1:10:00 PM	659400.000	12.333	17.688	28.110	5706.156	6632.370	3.663	4510.012
175.249	1.001	14.875						
11/23/2016 1:15:00 PM	659700.000	12.332	17.689	28.108	5704.445	6630.302	3.662	4508.605
175.302	1.001	14.876						
11/23/2016 1:20:00 PM	660000.000	12.336	17.689	28.121	5703.913	6629.659	3.662	4508.168
175.318	1.001	14.874						
11/23/2016 1:25:00 PM	660300.000	12.335	17.689	28.116	5701.894	6627.376	3.660	4506.617
175.380	1.001	14.873						
11/23/2016 1:30:00 PM	660600.000	12.342	17.689	28.130	5703.560	6629.235	3.661	4507.880
175.329	1.001	14.871						
11/23/2016 1:35:00 PM	660900.000	12.335	17.690	28.116	5701.326	6626.576	3.660	4506.072
175.398	1.001	14.871						
11/23/2016 1:40:00 PM	661200.000	12.334	17.689	28.112	5701.762	6627.237	3.660	4506.521
175.384	1.001	14.872						
11/23/2016 1:45:00 PM	661500.000	12.336	17.689	28.118	5701.612	6626.998	3.660	4506.359
175.389	1.001	14.873						
11/23/2016 1:50:00 PM	661800.000	12.330	17.689	28.103	5700.991	6626.276	3.660	4505.868
175.408	1.001	14.874						
11/23/2016 1:55:00 PM	662100.000	12.333	17.689	28.111	5699.671	6624.769	3.659	4504.843
175.449	1.001	14.876						
11/23/2016 2:00:00 PM	662400.000	12.330	17.689	28.104	5699.768	6624.828	3.659	4504.883
175.403	1.001	14.877						
11/23/2016 2:05:00 PM	662700.000	12.330	17.689	28.104	5699.768	6624.828	3.659	4504.883
175.446	1.001	14.878						
11/23/2016 2:10:00 PM	663000.000	12.325	17.690	28.093	5699.340	6624.293	3.658	4504.520
175.459	1.001	14.878						
11/23/2016 2:15:00 PM	663300.000	12.324	17.689	28.091	5698.960	6623.915	3.658	4504.262
175.471	1.001	14.879						
11/23/2016 2:20:00 PM	663600.000	12.327	17.689	28.096	5697.840	6622.666	3.658	4503.413
175.505	1.001	14.877						
11/23/2016 2:25:00 PM	663900.000	12.330	17.689	28.103	5698.229	6623.039	3.658	4503.667
175.493	1.001	14.876						
11/23/2016 2:30:00 PM	664200.000	12.331	17.689	28.107	5698.471	6623.359	3.658	4503.884
175.486	1.001	14.874						
11/23/2016 2:35:00 PM	664500.000	12.333	17.689	28.111	5699.491	6624.584	3.659	4504.717
175.454	1.001	14.873						
11/23/2016 2:40:00 PM	664800.000	12.334	17.689	28.113	5699.871	6624.974	3.659	4504.982
175.443	1.001	14.872						
11/23/2016 2:45:00 PM	665100.000	12.335	17.689	28.116	5699.468	6624.493	3.659	4504.655
175.455	1.001	14.870						
11/23/2016 2:50:00 PM	665400.000	12.333	17.689	28.111	5698.197	6623.028	3.658	4503.659
175.494	1.001	14.871						
11/23/2016 2:55:00 PM	665700.000	12.328	17.689	28.100	5699.250	6624.264	3.658	4504.500
175.462	1.001	14.871						
11/23/2016 3:00:00 PM	666000.000	12.334	17.689	28.112	5700.755	6626.002	3.660	4505.682
175.415	1.001	14.872						
11/23/2016 3:05:00 PM	666300.000	12.332	17.689	28.109	5698.869	6623.836	3.658	4504.208
175.473	1.001	14.872						
11/23/2016 3:10:00 PM	666600.000	12.331	17.689	28.105	5700.840	6626.049	3.660	4505.713
175.413	1.001	14.873						
11/23/2016 3:15:00 PM	666900.000	12.331	17.689	28.105	5698.565	6623.456	3.658	4503.951
175.483	1.001	14.874						
11/23/2016 3:20:00 PM	667200.000	12.330	17.689	28.105	5699.083	6624.045	3.658	4504.351
175.467	1.001	14.874						
11/23/2016 3:25:00 PM	667500.000	12.331	17.689	28.106	5699.999	6625.150	3.659	4505.102
175.439	1.001	14.874						
11/23/2016 3:30:00 PM	667800.000	12.326	17.690	28.094	5700.576	6625.718	3.659	4505.488
175.421	1.001	14.875						
11/23/2016 3:35:00 PM	668100.000	12.326	17.689	28.099	5701.076	6626.375	3.660	4505.935
175.405	1.001	14.874						
11/23/2016 3:40:00 PM	668400.000	12.332	17.689	28.109	5703.150	6628.734	3.661	4507.540
175.342	1.001	14.873						
11/23/2016 3:45:00 PM	668700.000	12.332	17.689	28.108	5701.077	6626.350	3.660	4505.918
175.405	1.001	14.872						
11/23/2016 3:50:00 PM	669000.000	12.331	17.689	28.107	5701.862	6627.288	3.660	4506.556
175.381	1.001	14.871						
11/23/2016 3:55:00 PM	669300.000	12.331	17.689	28.107	5703.876	6629.629	3.662	4508.148
175.319	1.001	14.871						
11/23/2016 4:00:00 PM	669600.000	12.327	17.689	28.098	5703.142	6628.852	3.661	

175.379	1.001	14.872					
11/23/2016 4:10:00 PM	670200.000	12.325	17.689	28.091	5702.521	6628.042	3.661
175.361	1.001	14.873					4507.069
11/23/2016 4:15:00 PM	670500.000	12.331	17.690	28.106	5702.775	6628.285	3.661
175.353	1.001	14.874					4507.234
11/23/2016 4:20:00 PM	670800.000	12.324	17.690	28.089	5704.398	6630.146	3.662
175.303	1.001	14.874					4508.500
11/23/2016 4:25:00 PM	671100.000	12.330	17.689	28.104	5702.428	6627.920	3.661
175.364	1.001	14.874					4506.986
11/23/2016 4:30:00 PM	671400.000	12.323	17.689	28.088	5703.792	6629.569	3.662
175.322	1.001	14.874					4508.107
11/23/2016 4:35:00 PM	671700.000	12.326	17.689	28.094	5704.926	6630.901	3.662
175.287	1.001	14.871					4509.013
11/23/2016 4:40:00 PM	672000.000	12.331	17.689	28.107	5704.596	6630.454	3.662
175.297	1.001	14.869					4508.708
11/23/2016 4:45:00 PM	672300.000	12.330	17.689	28.103	5705.851	6631.912	3.663
175.259	1.001	14.866					4509.700
11/23/2016 4:50:00 PM	672600.000	12.332	17.689	28.108	5706.618	6632.881	3.664
175.235	1.001	14.869					4510.360
11/23/2016 4:55:00 PM	672900.000	12.330	17.689	28.104	5707.193	6633.512	3.664
175.217	1.001	14.872					4510.789
11/23/2016 5:00:00 PM	673200.000	12.323	17.689	28.088	5705.757	6631.828	3.663
175.262	1.001	14.875					4509.643
11/23/2016 5:05:00 PM	673500.000	12.323	17.689	28.087	5708.010	6634.396	3.664
175.192	1.001	14.876					4511.390
11/23/2016 5:10:00 PM	673800.000	12.322	17.689	28.085	5707.638	6633.976	3.664
175.204	1.001	14.876					4511.104
11/23/2016 5:15:00 PM	674100.000	12.329	17.689	28.099	5709.913	6636.633	3.666
175.134	1.001	14.877					4512.911
11/23/2016 5:20:00 PM	674400.000	12.329	17.689	28.101	5709.419	6636.084	3.665
175.149	1.001	14.877					4512.538
11/23/2016 5:25:00 PM	674700.000	12.326	17.689	28.099	5710.481	6637.255	3.666
175.117	1.001	14.877					4513.334
11/23/2016 5:30:00 PM	675000.000	12.329	17.689	28.101	5709.900	6636.668	3.666
175.134	1.001	14.877					4512.935
11/23/2016 5:35:00 PM	675300.000	12.326	17.689	28.099	5710.993	6637.913	3.667
175.101	1.001	14.878					4513.781
11/23/2016 5:40:00 PM	675600.000	12.327	17.689	28.098	5711.365	6638.346	3.667
175.089	1.001	14.879					4514.075
11/23/2016 5:45:00 PM	675900.000	12.327	17.689	28.096	5710.173	6636.936	3.666
175.126	1.001	14.879					4513.117
11/23/2016 5:50:00 PM	676200.000	12.327	17.689	28.096	5711.720	6638.759	3.667
175.079	1.001	14.880					4514.356
11/23/2016 5:55:00 PM	676500.000	12.326	17.689	28.095	5712.023	6639.111	3.667
175.069	1.001	14.881					4514.596
11/23/2016 6:00:00 PM	676800.000	12.324	17.689	28.091	5713.416	6640.704	3.668
175.027	1.001	14.882					4515.679
11/23/2016 6:05:00 PM	677100.000	12.325	17.689	28.093	5712.733	6639.975	3.668
175.048	1.001	14.882					4515.184
11/23/2016 6:10:00 PM	677400.000	12.327	17.689	28.097	5713.568	6640.882	3.668
175.022	1.001	14.882					4515.800
11/23/2016 6:15:00 PM	677700.000	12.324	17.689	28.090	5714.609	6642.143	3.669
174.990	1.001	14.881					4516.657
11/23/2016 6:20:00 PM	678000.000	12.325	17.689	28.093	5715.030	6642.567	3.669
174.977	1.001	14.883					4516.946
11/23/2016 6:25:00 PM	678300.000	12.324	17.689	28.091	5716.295	6644.038	3.670
174.938	1.001	14.886					4517.946
11/23/2016 6:30:00 PM	678600.000	12.321	17.689	28.084	5716.707	6644.618	3.670
174.926	1.001	14.888					4518.341
11/23/2016 6:35:00 PM	678900.000	12.318	17.689	28.076	5716.211	6643.954	3.670
174.941	1.001	14.888					4517.889
11/23/2016 6:40:00 PM	679200.000	12.317	17.689	28.073	5716.140	6643.896	3.670
174.943	1.001	14.887					4517.850
11/23/2016 6:45:00 PM	679500.000	12.323	17.689	28.089	5718.670	6646.837	3.672
174.866	1.001	14.886					4519.849
11/23/2016 6:50:00 PM	679800.000	12.324	17.689	28.089	5717.388	6645.346	3.671
174.905	1.001	14.887					4518.835
11/23/2016 6:55:00 PM	680100.000	12.323	17.689	28.089	5718.057	6646.138	3.671
174.885	1.001	14.888					4519.375
11/23/2016 7:00:00 PM	680400.000	12.325	17.689	28.092	5720.255	6648.654	3.673
174.817	1.001	14.889					4521.085
11/23/2016 7:05:00 PM	680700.000	12.325	17.689	28.092	5718.871	6647.031	3.672
174.860	1.001	14.888					4519.982
11/23/2016 7:10:00 PM	681000.000	12.326	17.689	28.096	5721.466	6650.074	3.674
174.780	1.001	14.887					4522.050
11/23/2016 7:15:00 PM	681300.000	12.323	17.689	28.087	5720.493	6648.995	3.673
174.810	1.001	14.886					4521.316
11/23/2016 7:20:00 PM	681600.000	12.321	17.689	28.084	5721.502	6650.154	3.674
174.779	1.001	14.888					4522.105
11/23/2016 7:25:00 PM	681900.000	12.319	17.689	28.078	5720.828	6649.320	3.673
174.800	1.001	14.890					4521.538
11/23/2016 7:30:00 PM	682200.000	12.323	17.689	28.088	5721.917	6650.610	3.674
174.767	1.001	14.891					4522.415
11/23/2016 7:35:00 PM	682500.000	12.319	17.689	28.079	5722.988	6651.855	3.675
174.734	1.001	14.891					4523.262
11/23/2016 7:40:00 PM	682800.000	12.323	17.689	28.087	5721.139	6649.694	3.673
174.790	1.001	14.892					4521.792
11/23/2016 7:45:00 PM	683100.000	12.322	17.689	28.085	5721.769	6650.413	3.674
174.771	1.001	14.892					4522.281
11/23/2016 7:50:00 PM	683400.000	12.322	17.689	28.086	5722.505	6651.319	3.674
174.749	1.001	14.891					4522.897
11/23/2016 7:55:00 PM	683700.000	12.319	17.689	28.078	5723.336	6652.260	3.675
174.723	1.001	14.891					4523.537
11/23/2016 8:00:00 PM	684000.000	12.318	17.689	28.077	5724.328	6653.453	3.676
174.693	1.001	14.891					4524.348
11/23/2016 8:05:00 PM	684300.000	12.323	17.689	28.088	5722.041	6650.769	3.674
174.763	1.001	14.893					4522.522
11/23/2016 8:10:00 PM	684600.000	12.321	17.689	28.083	5725.176	6654.414	3.676
174.667	1.001	14.894					4525.001
11/23/2016 8:15:00 PM	684900.000	12.315	17.689	28.069	5725.063	6654.218	3.676
174.671	1.001	14.896					4524.869
11/23/2016 8:20:00 PM	685200.000	12.320	17.689	28.081	5726.145	6655.512	3.677
174.638	1.001	14.894					4525.749
11/23/2016 8:25:00 PM	685500.000	12.319	17.689	28.079	5725.877	6655.175	3.677
174.646	1.001	14.893					4525.520
11/23/2016 8:30:00 PM	685800.000	12.325	17.689	28.093	5725.330	6654.617	3.676
174.662	1.001	14.891					4525.139
11/23/2016 8:35:00 PM	686100.000	12.318	17.689	28.077	5725.556	6656.042	3.677
174.625	1.001	14.893					4526.109
11/23/2016 8:40:00 PM	686400.000	12.318	17.689	28.076	5728.788	6658.597	3.679
174.557	1.001	14.894					4527.846
11/23/2016 8:45:00 PM	686700.000	12.320	17.689	28.081	5727.033	6656.597	3.678
174.610	1.001	14.895					4526.486
11/23/2016 8:50:00 PM	687000.000	12.324	17.689	28.090	5727.840	6657.483	3.678
174.586	1.001	14.894					4527.089
11/23/2016 8:55:00 PM	687300.000	12.321	17.689	28.084	5728.382	6658.100	3.678
174.569	1.001	14.893					4527.509
11/23/2016 9:00:00 PM	687600.000	12.326	17.689	28.095	5728.460	6658.255	3.679
174.567	1.001	14.892					4527.614
11/23/2016 9:05:00 PM	687900.000	12.324	17.689	28.091	5728.981	6658.809	3.679
174.551	1.001	14.892					4527.990
11/23/2016 9:10:00 PM	688200.000	12.324	17.689	28.091	5730.965	6661.153	3.680
174.491	1.001	14.893					4529.584
11/23/2016 9:15:00 PM	688500.000	12.321	17.688	28.083	5730.109	6660.223	3.680
174.517	1.001	14.893					4528.952
11/23/2016 9:20:00 PM	688800.000	12.322	17.689	28.087	5732.365	6662.716	3.681
174.448	1.001	14.895					4530.647
11/23/2016 9:25:00 PM	689100.000	12.322	17.689	28.086	5730.640	6660.764	3.680
174.501	1.001	14.897					4529.320
11/23/2016 9:30:00 PM	689400.000	12.316	17.689	28.071	5734.151	6664.884	3.682
174.394	1.001	14.898					4532.121
11/23/2016 9:35:00 PM	689700.000	12.316	17.689	28.071	5733.660	6664.209	3.682
174.409	1.001	14.898					4531.663

11/23/2016 9:40:00 PM	690000.000	12.316	17.689	28.073	5734.190	6664.916	3.682	4532.143
174.393	1.001	14.898						
11/23/2016 9:45:00 PM	690300.000	12.322	17.689	28.086	5734.413	6665.135	3.683	4532.292
174.386	1.001	14.899						
11/23/2016 9:50:00 PM	690600.000	12.323	17.689	28.088	5734.417	6665.165	3.683	4532.313
174.386	1.001	14.898						
11/23/2016 9:55:00 PM	690900.000	12.323	17.689	28.089	5736.117	6667.103	3.684	4533.630
174.334	1.001	14.897						
11/23/2016 10:00:00 PM	691200.000	12.321	17.688	28.084	5738.657	6670.146	3.686	4535.699
174.257	1.001	14.896						
11/23/2016 10:05:00 PM	691500.000	12.321	17.689	28.084	5737.900	6669.203	3.685	4535.058
174.280	1.001	14.898						
11/23/2016 10:10:00 PM	691800.000	12.318	17.689	28.076	5738.527	6669.932	3.685	4535.554
174.261	1.001	14.900						
11/23/2016 10:15:00 PM	692100.000	12.315	17.688	28.070	5740.804	6672.654	3.687	4537.405
174.192	1.001	14.903						
11/23/2016 10:20:00 PM	692400.000	12.320	17.689	28.080	5741.002	6672.781	3.687	4537.491
174.186	1.001	14.902						
11/23/2016 10:25:00 PM	692700.000	12.318	17.688	28.076	5745.052	6677.580	3.690	4540.755
174.063	1.001	14.901						
11/23/2016 10:30:00 PM	693000.000	12.322	17.688	28.087	5756.014	6690.345	3.697	4549.435
173.731	1.001	14.900						
11/23/2016 10:35:00 PM	693300.000	12.324	17.689	28.090	5776.606	6714.216	3.712	4565.667
173.112	1.001	14.900						
11/23/2016 10:40:00 PM	693600.000	12.322	17.689	28.086	5794.300	6734.768	3.724	4579.642
172.583	1.002	14.900						
11/23/2016 10:45:00 PM	693900.000	12.322	17.689	28.086	5812.250	6755.670	3.736	4593.856
172.050	1.002	14.900						
11/23/2016 10:50:00 PM	694200.000	12.315	17.688	28.069	5827.094	6772.938	3.746	4605.598
171.612	1.002	14.902						
11/23/2016 10:55:00 PM	694500.000	12.320	17.689	28.080	5839.222	6787.020	3.755	4615.174
171.256	1.002	14.903						
11/23/2016 11:00:00 PM	694800.000	12.321	17.689	28.083	5852.350	6802.279	3.764	4625.550
170.872	1.002	14.905						
11/23/2016 11:05:00 PM	695100.000	12.320	17.689	28.082	5864.322	6816.143	3.772	4634.978
170.523	1.002	14.905						
11/23/2016 11:10:00 PM	695400.000	12.319	17.689	28.079	5876.069	6829.823	3.780	4644.279
170.182	1.002	14.906						
11/23/2016 11:15:00 PM	695700.000	12.319	17.689	28.079	5887.619	6843.248	3.788	4653.409
169.848	1.002	14.907						
11/23/2016 11:20:00 PM	696000.000	12.320	17.688	28.082	5895.594	6852.569	3.793	4659.747
169.618	1.002	14.906						
11/23/2016 11:25:00 PM	696300.000	12.319	17.689	28.079	5904.897	6863.305	3.800	4667.047
169.351	1.002	14.905						
11/23/2016 11:30:00 PM	696600.000	12.323	17.688	28.089	5913.574	6873.481	3.806	4673.967
169.102	1.002	14.904						
11/23/2016 11:35:00 PM	696900.000	12.323	17.688	28.088	5922.542	6883.879	3.812	4681.038
168.846	1.002	14.904						
11/23/2016 11:40:00 PM	697200.000	12.323	17.689	28.087	5928.420	6890.671	3.816	4685.657
168.679	1.002	14.905						
11/23/2016 11:45:00 PM	697500.000	12.323	17.688	28.088	5937.114	6900.883	3.822	4692.601
168.432	1.002	14.906						
11/23/2016 11:50:00 PM	697800.000	12.318	17.688	28.076	5941.239	6905.623	3.825	4695.824
168.315	1.002	14.906						
11/23/2016 11:55:00 PM	698100.000	12.319	17.689	28.079	5948.522	6914.061	3.830	4701.562
168.109	1.002	14.905						

Report Date: 11/28/2016 8:33:41 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-5D Pre Test_2016-11-24_14-03-47-372-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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: 0 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: GSS
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: GSS
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: KMKar
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: KMKar Interval - Start Time: 8/1/2015 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: KMKar 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: KMKar Interval - Start Time: 8/10/2015 6:30:00 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: KMKar 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 9:00:00 AM
10/1/2015 9:51:21 AM	Log Download - Used Battery: 12% Used Memory: 28% User Name: KMKar 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: KMKar Interval - Start Time: 10/3/2015 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: KMKar 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: KMKar 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: KMKar 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 9:09:51 AM	Log Download - Used Battery: 15% Used Memory: 34% User Name: KMKar 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: 12/3/2015 12:00:00 PM 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: KMKar 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: KMKar 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: KMKar 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: KMKar 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: KMKar 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: KMKar 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: KMKar 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: KMKar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:15:00 AM
3/31/2016 2:27:31 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: KMKar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:30:00 AM
4/14/2016 4:08:43 PM	Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:45:00 PM

Log Data:

Record Count: 832

Sensors: 2

1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

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)	
SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	
SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	
Date and Time (ppt)	Elapsed Time (ppt)	Corrected Pressure (PSI)	Water Density (g/cm3)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
Resistivity (ohm-cm)	Seconds	Barometric Pressure (PSI)							
11/17/2016 12:14:45 AM	93600.000	143.757	21.332	327.667	5142.696	5530.182	3.026	3.761	
194.451	1.000	14.775							
11/17/2016 12:29:45 AM	94500.000	143.771	21.322	327.699	5135.781	5523.820	3.022	3.756	
194.712	1.000	14.775							
11/17/2016 12:44:45 AM	95400.000	143.785	21.308	327.731	5128.375	5517.415	3.018	3.752	
194.994	1.000	14.774							
11/17/2016 12:59:45 AM	96300.000	143.782	21.309	327.724	5122.756	5511.280	3.015	3.748	
195.207	1.000	14.770							
11/17/2016 1:14:45 AM	97200.000	143.778	21.310	327.715	5120.357	5508.560	3.013	3.746	
195.299	1.000	14.772							
11/17/2016 1:29:45 AM	98100.000	143.793	21.307	327.749	5119.109	5507.575	3.012	3.745	
195.346	1.000	14.769							
11/17/2016 1:44:45 AM	99000.000	143.793	21.312	327.748	5118.828	5506.776	3.012	3.745	
195.357	1.000	14.770							
11/17/2016 1:59:45 AM	99900.000	143.799	21.311	327.763	5119.555	5507.668	3.013	3.745	
195.329	1.000	14.774							
11/17/2016 2:14:45 AM	100800.000	143.798	21.312	327.761	5119.026	5506.911	3.012	3.745	
195.350	1.000	14.779							
11/17/2016 2:29:45 AM	101700.000	143.807	21.316	327.781	5120.191	5507.776	3.013	3.745	
195.305	1.000	14.774							
11/17/2016 2:44:45 AM	102600.000	143.824	21.312	327.819	5120.252	5508.209	3.013	3.746	
195.303	1.000	14.766							
11/17/2016 2:59:45 AM	103500.000	143.824	21.314	327.819	5120.712	5508.564	3.013	3.746	
195.285	1.000	14.770							
11/17/2016 3:14:45 AM	104400.000	143.822	21.319	327.814	5123.862	5511.299	3.015	3.748	
195.165	1.000	14.775							
11/17/2016 3:29:45 AM	105300.000	143.826	21.318	327.824	5125.322	5513.028	3.016	3.749	
195.110	1.000	14.776							
11/17/2016 3:44:45 AM	106200.000	143.837	21.318	327.849	5127.681	5515.566	3.017	3.751	
195.020	1.000	14.771							
11/17/2016 3:59:45 AM	107100.000	143.804	21.322	327.775	5130.804	5518.518	3.019	3.753	
194.901	1.000	14.767							
11/17/2016 4:14:45 AM	108000.000	143.837	21.324	327.849	5133.485	5521.152	3.020	3.754	
194.799	1.000	14.773							
11/17/2016 4:29:45 AM	108900.000	143.840	21.321	327.855	5136.719	5524.958	3.023	3.757	
194.677	1.000	14.777							
11/17/2016 4:44:45 AM	109800.000	143.848	21.320	327.874	5138.219	5526.632	3.024	3.758	
194.620	1.000	14.781							
11/17/2016 4:59:45 AM	110700.000	143.812	21.327	327.791	5141.329	5529.171	3.025	3.760	
194.502	1.000	14.780							
11/17/2016 5:14:45 AM	111600.000	143.861	21.332	327.905	5143.108	5530.576	3.026	3.761	
194.435	1.000	14.777							
11/17/2016 5:29:45 AM	112500.000	143.868	21.330	327.920	5145.437	5533.340	3.028	3.763	
194.347	1.000	14.780							
11/17/2016 5:44:45 AM	113400.000	143.913	21.324	328.021	5145.412	5533.989	3.028	3.763	
194.348	1.000	14.781							
11/17/2016 5:59:45 AM	114300.000	143.873	21.320	327.930	5147.777	5536.933	3.030	3.765	
194.259	1.000	14.775							
11/17/2016 6:14:45 AM	115200.000	143.878	21.324	327.942	5148.376	5537.158	3.030	3.765	
194.236	1.000	14.780							
11/17/2016 6:29:45 AM	116100.000	143.879	21.330	327.945	5150.211	5538.395	3.030	3.766	
194.167	1.000	14.781							
11/17/2016 6:44:45 AM	117000.000	143.885	21.330	327.958	5150.977	5539.297	3.031	3.767	
194.138	1.000	14.786							
11/17/2016 6:59:45 AM	117900.000	143.903	21.334	327.999	5154.809	5542.919	3.033	3.769	
193.994	1.000	14.783							
11/17/2016 7:14:45 AM	118800.000	143.902	21.323	327.997	5154.816	5544.226	3.034	3.770	
193.993	1.000	14.789							
11/17/2016 7:29:45 AM	119700.000	143.906	21.324	328.006	5156.845	5546.226	3.035	3.771	
193.917	1.000	14.792							
11/17/2016 7:44:45 AM	120600.000	143.909	21.330	328.012	5157.890	5546.642	3.035	3.772	
193.878	1.000	14.789							
11/17/2016 7:59:45 AM	121500.000	143.914	21.332	328.024	5157.797	5546.313	3.035	3.771	
193.881	1.000	14.795							
11/17/2016 8:14:45 AM	122400.000	143.913	21.330	328.022	5159.021	5547.938	3.036	3.773	
193.835	1.000	14.805							
11/17/2016 8:29:45 AM	123300.000	143.925	21.329	328.049	5158.795	5547.824	3.036	3.773	
193.844	1.000	14.801							
11/17/2016 8:44:45 AM	124200.000	143.939	21.322	328.081	5159.104	5548.945	3.037	3.773	
193.832	1.000	14.790							
11/17/2016 8:59:45 AM	125100.000	143.936	21.330	328.074	5161.555	5550.682	3.038	3.774	
193.740	1.000	14.794							
11/17/2016 9:14:45 AM	126000.000	143.924	21.330	328.046	5162.892	5552.081	3.038	3.775	
193.690	1.000	14.803							
11/17/2016 9:29:45 AM	126900.000	143.939	21.325	328.082	5163.353	5553.135	3.039	3.776	
193.673	1.000	14.793							
11/17/2016 9:44:45 AM	127800.000	143.970	21.332	328.152	5165.497	5554.691	3.040	3.777	
193.592	1.000	14.791							
11/17/2016 9:59:45 AM	128700.000	143.971	21.330	328.155	5164.970	5554.255	3.040	3.777	
193.612	1.000	14.789							
11/17/2016 10:14:45 AM	129600.000	143.984	21.336	328.184	5165.915	5554.602	3.040	3.777	
193.577	1.000	14.788							
11/17/2016 10:29:45 AM	130500.000	143.939	21.337	328.080	5167.833	5556.643	3.041	3.779	
193.505	1.000	14.786							
11/17/2016 10:44:45 AM	131400.000	143.907	21.330	328.008	5168.597	5558.156	3.042	3.780	
193.476	1.000	14.791							
11/17/2016 10:59:45 AM	132300.000	143.942	21.327	328.088	5169.470	5559.495	3.043	3.780	
193.443	1.000	14.791							
11/17/2016 11:14:45 AM	133200.000	143.937	21.330	328.076	5170.535	5560.271	3.043	3.781	
193.404	1.000	14.788							
11/17/2016 11:29:45 AM	134100.000	143.986	21.334	328.189	5171.217	5560.593	3.043	3.781	
193.378	1.000	14.785							
11/17/2016 11:44:45 AM	135000.000	143.937	21.333	328.078	5171.418	5560.849	3.044	3.781	
193.371	1.000	14.783							
11/17/2016 11:59:45 AM	135900.000	143.974	21.334	328.160	5172.085	5561.546	3.044	3.782	
193.346	1.000	14.781							
11/17/2016 12:14:45 PM	136800.000	143.945	21.334	328.095	5172.958	5562.496	3.045	3.782	
193.313	1.000	14.770							
11/17/2016 12:29:45 PM	137700.000	143.942	21.327	328.088	5173.011	5563.342	3.045	3.783	
193.311	1.000	14.770							
11/17/2016 12:44:45 PM	138600.000	143.976	21.323	328.166	5174.184	5564.995	3.046	3.784	
193.267	1.000	14.775							
11/17/2016 12:59:45 PM	139500.000	143.938	21.322	328.078	5174.933	5565.930	3.047	3.785	
193.239	1.000	14.769							
11/17/2016 1:14:45 PM	140400.000	143.934	21.329	328.071	5175.667	5565.897	3.047	3.785	
193.212	1.000	14.759							
11/17/2016 1:29:45 PM	141300.000	143.921	21.334	328.041	5177.160	5567.014	3.047	3.786	
193.156	1.000	14.764							
11/17/2016 1:44:45 PM	142200.000	143.923	21.330	328.046	5176.493	5566.716	3.047	3.785	
193.181	1.000	14.759							
11/17/2016 1:59:45 PM	143100.000	143.922	21.327	328.042	5175.361	5565.771	3.046	3.785	
193.223	1.000	14.763							
11/17/2016 2:14:45 PM	144000.000	143.914	21.320	328.024	5175.310	5566.526	3.047	3.785	

193.225	1.000	14.763						
11/17/2016 2:29:45 PM	144900.000	143.925	21.322	328.049	5177.211	5568.432	3.048	3.787
193.154	1.000	14.753						
11/17/2016 2:44:45 PM	145800.000	143.942	21.327	328.087	5178.545	5569.195	3.048	3.787
193.104	1.000	14.752						
11/17/2016 2:59:45 PM	146700.000	143.890	21.331	327.971	5179.646	5569.927	3.049	3.788
193.063	1.000	14.756						
11/17/2016 3:14:45 PM	147600.000	143.900	21.336	327.992	5179.882	5569.710	3.049	3.787
193.055	1.000	14.749						
11/17/2016 3:29:45 PM	148500.000	143.882	21.340	327.951	5180.441	5569.809	3.049	3.787
193.034	1.000	14.751						
11/17/2016 3:44:45 PM	149400.000	143.870	21.342	327.923	5181.925	5571.195	3.050	3.788
192.978	1.000	14.760						
11/17/2016 3:59:45 PM	150300.000	143.867	21.338	327.918	5180.197	5569.759	3.049	3.787
193.043	1.000	14.756						
11/17/2016 4:14:45 PM	151200.000	143.860	21.337	327.901	5180.771	5570.475	3.049	3.788
193.021	1.000	14.751						
11/17/2016 4:29:45 PM	152100.000	143.857	21.340	327.894	5182.127	5571.572	3.050	3.789
192.971	1.000	14.748						
11/17/2016 4:44:45 PM	153000.000	143.877	21.341	327.940	5181.992	5571.347	3.050	3.789
192.976	1.000	14.747						
11/17/2016 4:59:45 PM	153900.000	143.834	21.345	327.843	5182.219	5571.190	3.050	3.788
192.968	1.000	14.751						
11/17/2016 5:14:45 PM	154800.000	143.856	21.343	327.892	5182.250	5571.433	3.050	3.789
192.966	1.000	14.755						
11/17/2016 5:29:45 PM	155700.000	143.846	21.343	327.870	5182.861	5572.090	3.050	3.789
192.944	1.000	14.754						
11/17/2016 5:44:45 PM	156600.000	143.798	21.336	327.760	5182.333	5572.284	3.050	3.789
192.963	1.000	14.754						
11/17/2016 5:59:45 PM	157500.000	143.797	21.335	327.757	5182.377	5572.482	3.050	3.789
192.962	1.000	14.749						
11/17/2016 6:14:45 PM	158400.000	143.779	21.333	327.718	5182.617	5572.911	3.051	3.790
192.953	1.000	14.757						
11/17/2016 6:29:45 PM	159300.000	143.805	21.332	327.776	5182.282	5572.651	3.050	3.789
192.965	1.000	14.756						
11/17/2016 6:44:45 PM	160200.000	143.755	21.337	327.662	5183.387	5573.347	3.051	3.790
192.924	1.000	14.760						
11/17/2016 6:59:45 PM	161100.000	143.741	21.338	327.630	5184.055	5573.945	3.051	3.790
192.899	1.000	14.758						
11/17/2016 7:14:45 PM	162000.000	143.737	21.337	327.621	5184.301	5574.240	3.051	3.790
192.890	1.000	14.756						
11/17/2016 7:29:45 PM	162900.000	143.723	21.341	327.588	5184.902	5574.516	3.052	3.791
192.868	1.000	14.754						
11/17/2016 7:44:45 PM	163800.000	143.712	21.343	327.563	5184.491	5573.783	3.051	3.790
192.883	1.000	14.762						
11/17/2016 7:59:45 PM	164700.000	143.735	21.344	327.617	5185.071	5574.377	3.051	3.791
192.861	1.000	14.760						
11/17/2016 8:14:45 PM	165600.000	143.697	21.347	327.530	5186.060	5575.098	3.052	3.791
192.825	1.000	14.746						
11/17/2016 8:29:45 PM	166500.000	143.675	21.348	327.480	5185.728	5574.551	3.052	3.791
192.837	1.000	14.758						
11/17/2016 8:44:45 PM	167400.000	143.701	21.349	327.539	5185.500	5574.166	3.051	3.790
192.845	1.000	14.755						
11/17/2016 8:59:45 PM	168300.000	143.662	21.348	327.450	5185.913	5574.729	3.052	3.791
192.830	1.000	14.758						
11/17/2016 9:14:45 PM	169200.000	143.684	21.338	327.500	5183.474	5573.332	3.051	3.790
192.921	1.000	14.757						
11/17/2016 9:29:45 PM	170100.000	143.642	21.329	327.405	5177.429	5567.783	3.048	3.786
193.146	1.000	14.753						
11/17/2016 9:44:45 PM	171000.000	143.641	21.325	327.401	5167.776	5557.842	3.042	3.779
193.507	1.000	14.752						
11/17/2016 9:59:45 PM	171900.000	143.621	21.323	327.357	5158.495	5548.101	3.036	3.773
193.855	1.000	14.754						
11/17/2016 10:14:45 PM	172800.000	143.615	21.323	327.342	5148.025	5536.870	3.030	3.765
194.249	1.000	14.760						
11/17/2016 10:29:45 PM	173700.000	143.616	21.322	327.345	5138.432	5526.662	3.024	3.758
194.612	1.000	14.757						
11/17/2016 10:44:45 PM	174600.000	143.644	21.322	327.409	5129.327	5516.878	3.018	3.751
194.957	1.000	14.754						
11/17/2016 10:59:45 PM	175500.000	143.604	21.321	327.318	5119.112	5505.991	3.012	3.744
195.346	1.000	14.754						
11/17/2016 11:14:45 PM	176400.000	143.596	21.321	327.300	5110.050	5496.214	3.006	3.737
195.693	1.000	14.754						
11/17/2016 11:29:45 PM	177300.000	143.587	21.321	327.280	5100.403	5485.858	3.000	3.730
196.063	1.000	14.756						
11/17/2016 11:44:45 PM	178200.000	143.591	21.321	327.289	5093.180	5478.168	2.995	3.725
196.341	1.000	14.753						
11/17/2016 11:59:45 PM	179100.000	143.583	21.312	327.269	5083.792	5468.997	2.990	3.719
196.704	1.000	14.756						
11/18/2016 12:14:45 AM	180000.000	143.595	21.302	327.297	5074.417	5460.061	2.985	3.713
197.067	1.000	14.754						
11/18/2016 12:29:45 AM	180900.000	143.601	21.301	327.310	5066.790	5451.972	2.980	3.707
197.364	1.000	14.750						
11/18/2016 12:44:45 AM	181800.000	143.582	21.302	327.267	5064.295	5449.179	2.978	3.705
197.461	1.000	14.750						
11/18/2016 12:59:45 AM	182700.000	143.593	21.304	327.293	5062.973	5447.551	2.977	3.704
197.512	1.000	14.746						
11/18/2016 1:14:45 AM	183600.000	143.590	21.305	327.285	5062.568	5446.969	2.977	3.704
197.528	1.000	14.745						
11/18/2016 1:29:45 AM	184500.000	143.587	21.304	327.280	5062.280	5446.766	2.977	3.704
197.539	1.000	14.742						
11/18/2016 1:44:45 AM	185400.000	143.587	21.306	327.280	5062.276	5446.506	2.977	3.704
197.540	1.000	14.747						
11/18/2016 1:59:45 AM	186300.000	143.559	21.306	327.215	5061.867	5446.146	2.977	3.703
197.556	1.000	14.746						
11/18/2016 2:14:45 AM	187200.000	143.590	21.307	327.286	5062.950	5447.134	2.977	3.704
197.513	1.000	14.747						
11/18/2016 2:29:45 AM	188100.000	143.604	21.303	327.318	5061.917	5446.543	2.977	3.704
197.554	1.000	14.746						
11/18/2016 2:44:45 AM	189000.000	143.575	21.309	327.251	5062.708	5446.717	2.977	3.704
197.523	1.000	14.740						
11/18/2016 2:59:45 AM	189900.000	143.612	21.307	327.335	5062.630	5446.829	2.977	3.704
197.526	1.000	14.742						
11/18/2016 3:14:45 AM	190800.000	143.615	21.309	327.342	5062.617	5446.570	2.977	3.704
197.526	1.000	14.747						
11/18/2016 3:29:45 AM	191700.000	143.606	21.314	327.323	5063.132	5446.575	2.977	3.704
197.506	1.000	14.750						
11/18/2016 3:44:45 AM	192600.000	143.627	21.312	327.370	5063.285	5447.004	2.977	3.704
197.500	1.000	14.741						
11/18/2016 3:59:45 AM	193500.000	143.638	21.306	327.395	5061.606	5445.854	2.977	3.703
197.566	1.000	14.743						
11/18/2016 4:14:45 AM	194400.000	143.631	21.311	327.379	5062.312	5446.036	2.977	3.703
197.538	1.000	14.750						
11/18/2016 4:29:45 AM	195300.000	143.639	21.314	327.397	5063.689	5447.145	2.977	3.704
197.484	1.000	14.749						
11/18/2016 4:44:45 AM	196200.000	143.652	21.314	327.427	5062.738	5446.190	2.977	3.703
197.522	1.000	14.747						
11/18/2016 4:59:45 AM	197100.000	143.662	21.310	327.450	5062.214	5446.068	2.977	3.703
197.542	1.000	14.740						
11/18/2016 5:14:45 AM	198000.000	143.711	21.308	327.562	5062.778	5446.841	2.977	3.704
197.520	1.000	14.743						
11/18/2016 5:29:45 AM	198900.000	143.679	21.312	327.489	5063.963	5447.743	2.978	3.704
197.474	1.000	14.742						
11/18/2016 5:44:45 AM	199800.000	143.677	21.309	327.484	5063.621	5447.631	2.978	3.704
197.467	1.000	14.740						
11/18/2016 5:59:45 AM	200700.000	143.682	21.318	327.496	5064.284	5447.392	2.977	3.704
197.461	1.000	14.739						
11/18/2016 6:14:45 AM	201600.000	143.691	21.316	327.516	5065.529	5448.928	2.978	3.705
197.413	1.000	14.739						
11/18/2016 6:29:45 AM	202500.000	143.693	21.317	327.520	5065.509	5448.857	2.978	3.705
197.414	1.000	14.741						
11/18/2016 6:44:45 AM	203400.000	143.706	21.320	327.551	5066.314	5449.380	2.979	3.706

11/18/2016 6:59:45 AM	204300.000	143.700	21.317	327.538	5066.061	5449.392	2.979	3.706
197.392	1.000	14.745						
11/18/2016 7:14:45 AM	205200.000	143.703	21.323	327.543	5066.946	5449.717	2.979	3.706
197.358	1.000	14.748						
11/18/2016 7:29:45 AM	206100.000	143.720	21.318	327.582	5067.225	5450.536	2.979	3.706
197.347	1.000	14.749						
11/18/2016 7:44:45 AM	207000.000	143.725	21.317	327.594	5068.280	5451.750	2.980	3.707
197.306	1.000	14.748						
11/18/2016 7:59:45 AM	207900.000	143.731	21.317	327.607	5069.106	5452.717	2.981	3.708
197.273	1.000	14.752						
11/18/2016 8:14:45 AM	208800.000	143.738	21.318	327.623	5069.770	5453.283	2.981	3.708
197.248	1.000	14.757						
11/18/2016 8:29:45 AM	209700.000	143.709	21.323	327.556	5070.014	5452.948	2.981	3.708
197.238	1.000	14.757						
11/18/2016 8:44:45 AM	210600.000	143.757	21.322	327.667	5071.105	5454.297	2.981	3.709
197.196	1.000	14.758						
11/18/2016 8:59:45 AM	211500.000	143.757	21.321	327.666	5071.442	5454.699	2.982	3.709
197.183	1.000	14.756						
11/18/2016 9:14:45 AM	212400.000	143.748	21.326	327.645	5073.286	5456.112	2.983	3.710
197.111	1.000	14.763						
11/18/2016 9:29:45 AM	213300.000	143.763	21.325	327.681	5073.858	5456.905	2.983	3.711
197.089	1.000	14.757						
11/18/2016 9:44:45 AM	214200.000	143.772	21.327	327.702	5075.695	5458.586	2.984	3.712
197.017	1.000	14.759						
11/18/2016 9:59:45 AM	215100.000	143.788	21.323	327.737	5075.903	5459.261	2.984	3.712
197.009	1.000	14.752						
11/18/2016 10:14:45 AM	216000.000	143.777	21.326	327.711	5078.924	5462.235	2.986	3.714
196.892	1.000	14.759						
11/18/2016 10:29:45 AM	216900.000	143.792	21.322	327.745	5080.815	5464.672	2.987	3.716
196.819	1.000	14.750						
11/18/2016 10:44:45 AM	217800.000	143.799	21.324	327.762	5082.544	5466.315	2.988	3.717
196.752	1.000	14.755						
11/18/2016 10:59:45 AM	218700.000	143.796	21.320	327.756	5083.980	5468.362	2.990	3.718
196.696	1.000	14.750						
11/18/2016 11:14:45 AM	219600.000	143.765	21.320	327.685	5085.451	5469.896	2.991	3.720
196.639	1.000	14.752						
11/18/2016 11:29:45 AM	220500.000	143.805	21.324	327.775	5089.295	5473.576	2.993	3.722
196.491	1.000	14.741						
11/18/2016 11:44:45 AM	221400.000	143.810	21.324	327.788	5090.294	5474.700	2.993	3.723
196.452	1.000	14.745						
11/18/2016 11:59:45 AM	222300.000	143.807	21.327	327.781	5092.628	5476.904	2.995	3.724
196.362	1.000	14.740						
11/18/2016 12:14:45 PM	223200.000	143.812	21.328	327.793	5093.237	5477.421	2.995	3.725
196.339	1.000	14.740						
11/18/2016 12:29:45 PM	224100.000	143.808	21.327	327.783	5094.879	5479.217	2.996	3.726
196.276	1.000	14.733						
11/18/2016 12:44:45 PM	225000.000	143.814	21.325	327.796	5096.341	5481.056	2.997	3.727
196.219	1.000	14.728						
11/18/2016 12:59:45 PM	225900.000	143.822	21.324	327.814	5098.231	5483.196	2.998	3.729
196.146	1.000	14.720						
11/18/2016 1:14:45 PM	226800.000	143.833	21.325	327.841	5099.511	5484.436	2.999	3.729
196.097	1.000	14.716						
11/18/2016 1:29:45 PM	227700.000	143.819	21.332	327.809	5101.682	5486.000	3.000	3.730
196.014	1.000	14.715						
11/18/2016 1:44:45 PM	228600.000	143.827	21.329	327.827	5103.598	5488.415	3.001	3.732
195.940	1.000	14.715						
11/18/2016 1:59:45 PM	229500.000	143.835	21.330	327.845	5105.942	5490.887	3.003	3.734
195.850	1.000	14.715						
11/18/2016 2:14:45 PM	230400.000	143.873	21.328	327.930	5105.858	5491.005	3.003	3.734
195.853	1.000	14.708						
11/18/2016 2:29:45 PM	231300.000	143.842	21.329	327.861	5106.700	5491.800	3.003	3.734
195.821	1.000	14.702						
11/18/2016 2:44:45 PM	232200.000	143.844	21.332	327.866	5108.105	5492.926	3.004	3.735
195.767	1.000	14.699						
11/18/2016 2:59:45 PM	233100.000	143.847	21.334	327.871	5110.156	5494.964	3.005	3.737
195.689	1.000	14.700						
11/18/2016 3:14:45 PM	234000.000	143.851	21.333	327.880	5112.509	5497.504	3.007	3.738
195.599	1.000	14.701						
11/18/2016 3:29:45 PM	234900.000	143.847	21.335	327.872	5111.801	5496.525	3.006	3.738
195.626	1.000	14.698						
11/18/2016 3:44:45 PM	235800.000	143.856	21.324	327.891	5111.726	5497.709	3.007	3.738
195.629	1.000	14.701						
11/18/2016 3:59:45 PM	236700.000	143.903	21.323	327.999	5113.077	5499.323	3.008	3.740
195.577	1.000	14.698						
11/18/2016 4:14:45 PM	237600.000	143.852	21.328	327.883	5114.256	5500.026	3.008	3.740
195.532	1.000	14.708						
11/18/2016 4:29:45 PM	238500.000	143.857	21.332	327.895	5115.073	5500.439	3.008	3.740
195.501	1.000	14.710						
11/18/2016 4:44:45 PM	239400.000	143.859	21.329	327.898	5115.746	5501.528	3.009	3.741
195.475	1.000	14.712						
11/18/2016 4:59:45 PM	240300.000	143.861	21.326	327.903	5115.117	5501.109	3.009	3.741
195.499	1.000	14.707						
11/18/2016 5:14:45 PM	241200.000	143.869	21.324	327.922	5115.788	5502.079	3.009	3.741
195.473	1.000	14.708						
11/18/2016 5:29:45 PM	242100.000	143.902	21.332	327.997	5117.703	5503.198	3.010	3.742
195.400	1.000	14.714						
11/18/2016 5:44:45 PM	243000.000	143.872	21.332	327.929	5118.037	5503.558	3.010	3.742
195.387	1.000	14.711						
11/18/2016 5:59:45 PM	243900.000	143.865	21.330	327.913	5117.962	5503.784	3.010	3.743
195.390	1.000	14.712						
11/18/2016 6:14:45 PM	244800.000	143.856	21.335	327.893	5120.293	5505.706	3.011	3.744
195.301	1.000	14.718						
11/18/2016 6:29:45 PM	245700.000	143.854	21.336	327.887	5120.566	5505.920	3.012	3.744
195.291	1.000	14.720						
11/18/2016 6:44:45 PM	246600.000	143.869	21.334	327.921	5120.658	5506.167	3.012	3.744
195.287	1.000	14.714						
11/18/2016 6:59:45 PM	247500.000	143.865	21.333	327.912	5120.644	5506.271	3.012	3.744
195.288	1.000	14.719						
11/18/2016 7:14:45 PM	248400.000	143.862	21.325	327.905	5120.938	5507.519	3.012	3.745
195.277	1.000	14.718						
11/18/2016 7:29:45 PM	249300.000	143.862	21.322	327.907	5121.049	5508.006	3.013	3.745
195.272	1.000	14.716						
11/18/2016 7:44:45 PM	250200.000	143.852	21.326	327.883	5121.992	5508.504	3.013	3.746
195.237	1.000	14.719						
11/18/2016 7:59:45 PM	251100.000	143.856	21.325	327.892	5122.698	5509.432	3.014	3.746
195.210	1.000	14.720						
11/18/2016 8:14:45 PM	252000.000	143.825	21.331	327.822	5124.680	5510.869	3.014	3.747
195.134	1.000	14.718						
11/18/2016 8:29:45 PM	252900.000	143.842	21.334	327.860	5125.450	5511.340	3.015	3.748
195.105	1.000	14.723						
11/18/2016 8:44:45 PM	253800.000	143.844	21.335	327.865	5126.037	5511.902	3.015	3.748
195.082	1.000	14.719						
11/18/2016 8:59:45 PM	254700.000	143.848	21.329	327.874	5126.265	5512.782	3.016	3.749
195.074	1.000	14.726						
11/18/2016 9:14:45 PM	255600.000	143.871	21.331	327.927	5125.861	5512.139	3.015	3.748
195.089	1.000	14.726						
11/18/2016 9:29:45 PM	256500.000	143.832	21.334	327.837	5128.480	5514.658	3.017	3.750
194.990	1.000	14.726						
11/18/2016 9:44:45 PM	257400.000	143.829	21.336	327.832	5129.034	5514.985	3.017	3.750
194.968	1.000	14.727						
11/18/2016 9:59:45 PM	258300.000	143.829	21.338	327.831	5128.247	5513.891	3.016	3.749
194.998	1.000	14.730						
11/18/2016 10:14:45 PM	259200.000	143.814	21.332	327.796	5128.511	5514.850	3.017	3.750
194.988	1.000	14.733						
11/18/2016 10:29:45 PM	260100.000	143.823	21.336	327.816	5128.522	5514.405	3.016	3.750
194.988	1.000	14.726						
11/18/2016 10:44:45 PM	261000.000	143.855	21.337	327.889	5128.502	5514.303	3.016	3.750
194.989	1.000	14.731						
11/18/2016 10:59:45 PM	261900.000	143.860	21.333	327.901	5128.868	5515.124	3.017	3.750
194.975	1.000	14.719						
11/18/2016 11:14:45 PM	262800.000	143.848	21.335	327.874	5129.230	5515.296	3.017	3.750
194.961	1.000	14.725						

195.017	1.000	14.731						
11/19/2016 11:44:45 PM	264600.000	143.828	21.332	327.828	5129.329	5515.808	3.017	3.751
194.957	1.000	14.722						
11/18/2016 11:59:45 PM	265500.000	143.812	21.326	327.792	5128.719	5515.729	3.017	3.751
194.980	1.000	14.735						
11/19/2016 12:14:45 AM	266400.000	143.811	21.335	327.789	5130.235	5516.416	3.018	3.751
194.923	1.000	14.728						
11/19/2016 12:29:45 AM	267300.000	143.822	21.327	327.815	5129.706	5516.730	3.018	3.751
194.943	1.000	14.725						
11/19/2016 12:44:45 AM	268200.000	143.815	21.331	327.798	5130.875	5517.481	3.018	3.752
194.899	1.000	14.726						
11/19/2016 12:59:45 AM	269100.000	143.823	21.331	327.816	5130.097	5516.744	3.018	3.751
194.928	1.000	14.728						
11/19/2016 1:14:45 AM	270000.000	143.817	21.329	327.804	5130.450	5517.292	3.018	3.752
194.915	1.000	14.724						
11/19/2016 1:29:45 AM	270900.000	143.854	21.332	327.887	5130.845	5517.389	3.018	3.752
194.900	1.000	14.722						
11/19/2016 1:44:45 AM	271800.000	143.825	21.337	327.821	5131.317	5517.301	3.018	3.752
194.882	1.000	14.717						
11/19/2016 1:59:45 AM	272700.000	143.829	21.332	327.830	5130.933	5517.424	3.018	3.752
194.896	1.000	14.724						
11/19/2016 2:14:45 AM	273600.000	143.829	21.334	327.830	5131.651	5518.078	3.019	3.752
194.869	1.000	14.722						
11/19/2016 2:29:45 AM	274500.000	143.839	21.332	327.853	5131.673	5518.250	3.019	3.752
194.868	1.000	14.718						
11/19/2016 2:44:45 AM	275400.000	143.844	21.328	327.865	5131.042	5518.078	3.019	3.752
194.892	1.000	14.717						
11/19/2016 2:59:45 AM	276300.000	143.847	21.326	327.871	5130.717	5517.887	3.019	3.752
194.905	1.000	14.721						
11/19/2016 3:14:45 AM	277200.000	143.881	21.332	327.950	5131.810	5518.377	3.019	3.752
194.863	1.000	14.716						
11/19/2016 3:29:45 AM	278100.000	143.845	21.325	327.867	5131.717	5519.083	3.019	3.753
194.867	1.000	14.724						
11/19/2016 3:44:45 AM	279000.000	143.851	21.327	327.880	5132.602	5519.884	3.020	3.754
194.833	1.000	14.716						
11/19/2016 3:59:45 AM	279900.000	143.860	21.331	327.902	5133.565	5520.462	3.020	3.754
194.796	1.000	14.714						
11/19/2016 4:14:45 AM	280800.000	143.872	21.326	327.928	5133.149	5520.592	3.020	3.754
194.812	1.000	14.709						
11/19/2016 4:29:45 AM	281700.000	143.873	21.326	327.930	5133.900	5521.370	3.021	3.755
194.784	1.000	14.713						
11/19/2016 4:44:45 AM	282600.000	143.876	21.326	327.937	5135.633	5523.253	3.022	3.756
194.718	1.000	14.714						
11/19/2016 4:59:45 AM	283500.000	143.885	21.328	327.959	5136.963	5524.437	3.022	3.757
194.668	1.000	14.709						
11/19/2016 5:14:45 AM	284400.000	143.880	21.333	327.947	5138.822	5525.827	3.023	3.758
194.597	1.000	14.716						
11/19/2016 5:29:45 AM	285300.000	143.894	21.328	327.978	5139.420	5527.088	3.024	3.758
194.574	1.000	14.711						
11/19/2016 5:44:45 AM	286200.000	143.898	21.333	327.988	5141.833	5529.065	3.025	3.760
194.463	1.000	14.707						
11/19/2016 5:59:45 AM	287100.000	143.941	21.335	328.087	5143.214	5530.352	3.026	3.761
194.431	1.000	14.705						
11/19/2016 6:14:45 AM	288000.000	143.913	21.331	328.021	5145.072	5532.818	3.027	3.762
194.361	1.000	14.706						
11/19/2016 6:29:45 AM	288900.000	143.915	21.334	328.026	5148.016	5535.634	3.029	3.764
194.250	1.000	14.704						
11/19/2016 6:44:45 AM	289800.000	143.914	21.334	328.024	5150.807	5538.646	3.031	3.766
194.144	1.000	14.713						
11/19/2016 6:59:45 AM	290700.000	143.928	21.330	328.055	5152.400	5540.848	3.032	3.768
194.084	1.000	14.708						
11/19/2016 7:14:45 AM	291600.000	143.958	21.336	328.124	5154.470	5542.366	3.033	3.769
194.006	1.000	14.706						
11/19/2016 7:29:45 AM	292500.000	143.933	21.329	328.067	5156.454	5545.227	3.034	3.771
193.932	1.000	14.703						
11/19/2016 7:44:45 AM	293400.000	143.943	21.331	328.090	5158.800	5547.581	3.036	3.772
193.844	1.000	14.710						
11/19/2016 7:59:45 AM	294300.000	143.967	21.333	328.190	5160.955	5549.688	3.037	3.774
193.763	1.000	14.708						
11/19/2016 8:14:45 AM	295200.000	143.949	21.331	328.104	5161.652	5550.596	3.038	3.774
193.736	1.000	14.709						
11/19/2016 8:29:45 AM	296100.000	144.000	21.329	328.221	5163.120	5552.415	3.039	3.776
193.681	1.000	14.705						
11/19/2016 8:44:45 AM	297000.000	143.965	21.329	328.142	5164.107	5553.467	3.039	3.776
193.644	1.000	14.707						
11/19/2016 8:59:45 AM	297900.000	144.004	21.332	328.230	5165.879	5555.022	3.040	3.777
193.578	1.000	14.709						
11/19/2016 9:14:45 AM	298800.000	143.997	21.329	328.213	5168.421	5558.156	3.042	3.780
193.463	1.000	14.716						
11/19/2016 9:29:45 AM	299700.000	144.001	21.333	328.223	5169.057	5558.390	3.042	3.780
193.459	1.000	14.714						
11/19/2016 9:44:45 AM	300600.000	143.968	21.335	328.148	5170.778	5559.970	3.043	3.781
193.395	1.000	14.711						
11/19/2016 9:59:45 AM	301500.000	143.971	21.327	328.155	5170.912	5561.065	3.044	3.782
193.389	1.000	14.712						
11/19/2016 10:14:45 AM	302400.000	143.986	21.324	328.188	5171.294	5561.747	3.044	3.782
193.375	1.000	14.706						
11/19/2016 10:29:45 AM	303300.000	143.986	21.330	328.188	5174.137	5564.203	3.046	3.784
193.269	1.000	14.710						
11/19/2016 10:44:45 AM	304200.000	144.018	21.330	328.262	5176.876	5567.069	3.047	3.786
193.167	1.000	14.711						
11/19/2016 10:59:45 AM	305100.000	143.983	21.332	328.182	5177.791	5567.892	3.048	3.786
193.133	1.000	14.714						
11/19/2016 11:14:45 AM	306000.000	144.026	21.334	328.281	5179.128	5569.110	3.048	3.787
193.083	1.000	14.709						
11/19/2016 11:29:45 AM	306900.000	143.985	21.332	328.186	5179.516	5569.767	3.049	3.787
193.068	1.000	14.709						
11/19/2016 11:44:45 AM	307800.000	143.987	21.335	328.190	5180.699	5570.708	3.049	3.788
193.024	1.000	14.713						
11/19/2016 11:59:45 AM	308700.000	144.038	21.333	328.308	5180.539	5570.757	3.049	3.788
193.030	1.000	14.702						
11/19/2016 12:14:45 PM	309600.000	144.011	21.329	328.245	5180.715	5571.307	3.050	3.788
193.024	1.000	14.702						
11/19/2016 12:29:45 PM	310500.000	144.006	21.329	328.233	5181.976	5572.712	3.050	3.789
192.977	1.000	14.704						
11/19/2016 12:44:45 PM	311400.000	144.008	21.332	328.239	5183.613	5574.152	3.051	3.790
192.916	1.000	14.704						
11/19/2016 12:59:45 PM	312300.000	143.994	21.333	328.207	5183.630	5574.051	3.051	3.790
192.915	1.000	14.710						
11/19/2016 1:14:45 PM	313200.000	144.010	21.334	328.243	5185.055	5575.502	3.052	3.791
192.862	1.000	14.697						
11/19/2016 1:29:45 PM	314100.000	144.010	21.335	328.242	5186.118	5576.505	3.053	3.792
192.822	1.000	14.699						
11/19/2016 1:44:45 PM	315000.000	144.010	21.331	328.244	5185.053	5575.821	3.052	3.792
192.862	1.000	14.699						
11/19/2016 1:59:45 PM	315900.000	144.017	21.335	328.259	5186.347	5576.721	3.053	3.792
192.814	1.000	14.696						
11/19/2016 2:14:45 PM	316800.000	144.057	21.337	328.351	5186.978	5577.219	3.053	3.793
192.790	1.000	14.700						
11/19/2016 2:29:45 PM	317700.000	144.059	21.334	328.355	5187.474	5578.052	3.054	3.793
192.772	1.000	14.698						
11/19/2016 2:44:45 PM	318600.000	144.032	21.335	328.292	5187.722	5578.220	3.054	3.793
192.763	1.000	14.694						
11/19/2016 2:59:45 PM	319500.000	144.063	21.331	328.363	5188.549	5579.551	3.054	3.794
192.732	1.000	14.699						
11/19/2016 3:14:45 PM	320400.000	144.035	21.330	328.300	5188.875	5580.062	3.055	3.794
192.720	1.000	14.698						
11/19/2016 3:29:45 PM	321300.000	144.034	21.332	328.299	5189.933	5580.888	3.055	3.795
192.681	1.000	14.699						
11/19/2016 3:44:45 PM	322200.000	144.067	21.333	328.374	5190.734	5581.710	3.056	3.796
192.651	1.000	14.699						
11/19/2016 3:59:45 PM	323100.000	144.029	21.334	328.286	5192.114	5583.063	3.057	3.796

11/19/2016 4:14:45 PM	324000.000	144.032	21.335	328.294	5192.430	5583.282	3.057	3.797
192.588	1.000	14.700						
11/19/2016 4:29:45 PM	324900.000	144.039	21.337	328.309	5192.675	5583.274	3.057	3.797
192.579	1.000	14.696						
11/19/2016 4:44:45 PM	325800.000	144.073	21.336	328.387	5193.440	5584.188	3.057	3.797
192.551	1.000	14.695						
11/19/2016 4:59:45 PM	326700.000	144.026	21.333	328.280	5192.665	5583.696	3.057	3.797
192.579	1.000	14.698						
11/19/2016 5:14:45 PM	327600.000	144.033	21.332	328.295	5194.342	5585.669	3.058	3.798
192.517	1.000	14.693						
11/19/2016 5:29:45 PM	328500.000	144.033	21.331	328.297	5192.696	5584.021	3.057	3.797
192.578	1.000	14.696						
11/19/2016 5:44:45 PM	329400.000	144.023	21.331	328.272	5194.230	5585.620	3.058	3.798
192.521	1.000	14.700						
11/19/2016 5:59:45 PM	330300.000	144.022	21.331	328.269	5193.495	5584.890	3.058	3.798
192.549	1.000	14.699						
11/19/2016 6:14:45 PM	331200.000	144.019	21.330	328.264	5194.367	5585.888	3.058	3.798
192.516	1.000	14.700						
11/19/2016 6:29:45 PM	332100.000	144.013	21.330	328.251	5194.087	5585.567	3.058	3.798
192.527	1.000	14.697						
11/19/2016 6:44:45 PM	333000.000	144.005	21.327	328.232	5194.167	5586.034	3.058	3.799
192.524	1.000	14.706						
11/19/2016 6:59:45 PM	333900.000	144.002	21.329	328.224	5194.155	5585.841	3.058	3.798
192.524	1.000	14.705						
11/19/2016 7:14:45 PM	334800.000	143.996	21.327	328.212	5194.011	5585.917	3.058	3.798
192.529	1.000	14.708						
11/19/2016 7:29:45 PM	335700.000	143.995	21.332	328.209	5195.603	5587.076	3.059	3.799
192.470	1.000	14.706						
11/19/2016 7:44:45 PM	336600.000	143.985	21.334	328.187	5194.759	5585.877	3.058	3.798
192.502	1.000	14.708						
11/19/2016 7:59:45 PM	337500.000	143.973	21.334	328.159	5195.792	5587.038	3.059	3.799
192.463	1.000	14.711						
11/19/2016 8:14:45 PM	338400.000	143.965	21.336	328.140	5196.318	5587.342	3.059	3.799
192.444	1.000	14.710						
11/19/2016 8:29:45 PM	339300.000	143.975	21.339	328.162	5196.567	5587.269	3.059	3.799
192.435	1.000	14.704						
11/19/2016 8:44:45 PM	340200.000	143.960	21.340	328.130	5197.193	5587.800	3.059	3.800
192.412	1.000	14.709						
11/19/2016 8:59:45 PM	341100.000	143.948	21.340	328.102	5197.572	5588.168	3.060	3.800
192.398	1.000	14.708						
11/19/2016 9:14:45 PM	342000.000	143.941	21.337	328.086	5197.504	5588.537	3.060	3.800
192.400	1.000	14.714						
11/19/2016 9:29:45 PM	342900.000	143.941	21.333	328.087	5196.765	5588.195	3.060	3.800
192.427	1.000	14.713						
11/19/2016 9:44:45 PM	343800.000	143.939	21.334	328.080	5196.985	5588.312	3.060	3.800
192.419	1.000	14.711						
11/19/2016 9:59:45 PM	344700.000	143.941	21.333	328.085	5197.566	5589.027	3.060	3.801
192.398	1.000	14.711						
11/19/2016 10:14:45 PM	345600.000	143.936	21.334	328.074	5197.570	5588.950	3.060	3.800
192.398	1.000	14.710						
11/19/2016 10:29:45 PM	346500.000	143.927	21.336	328.055	5198.872	5590.028	3.061	3.801
192.349	1.000	14.714						
11/19/2016 10:44:45 PM	347400.000	143.924	21.335	328.048	5198.492	5589.780	3.060	3.801
192.363	1.000	14.716						
11/19/2016 10:59:45 PM	348300.000	143.925	21.336	328.049	5199.081	5590.354	3.061	3.801
192.342	1.000	14.711						
11/19/2016 11:14:45 PM	349200.000	143.923	21.335	328.044	5198.622	5589.920	3.061	3.801
192.359	1.000	14.712						
11/19/2016 11:29:45 PM	350100.000	143.929	21.335	328.059	5198.785	5590.045	3.061	3.801
192.353	1.000	14.706						
11/19/2016 11:44:45 PM	351000.000	143.923	21.337	328.046	5199.208	5590.340	3.061	3.801
192.337	1.000	14.705						
11/19/2016 11:59:45 PM	351900.000	143.924	21.340	328.046	5200.452	5591.304	3.061	3.802
192.291	1.000	14.708						
11/20/2016 12:14:45 AM	352800.000	143.923	21.344	328.045	5200.379	5590.773	3.061	3.802
192.294	1.000	14.705						
11/20/2016 12:29:45 AM	353700.000	143.952	21.343	328.112	5200.714	5591.254	3.061	3.802
192.281	1.000	14.709						
11/20/2016 12:44:45 AM	354600.000	143.966	21.340	328.142	5200.187	5591.010	3.061	3.802
192.301	1.000	14.703						
11/20/2016 12:59:45 AM	355500.000	143.959	21.345	328.127	5201.269	5591.609	3.062	3.802
192.261	1.000	14.701						
11/20/2016 1:14:45 AM	356400.000	143.928	21.345	328.057	5200.531	5590.855	3.061	3.802
192.288	1.000	14.706						
11/20/2016 1:29:45 AM	357300.000	143.929	21.347	328.059	5201.464	5591.628	3.062	3.802
192.254	1.000	14.705						
11/20/2016 1:44:45 AM	358200.000	143.937	21.349	328.078	5201.640	5591.605	3.062	3.802
192.247	1.000	14.702						
11/20/2016 1:59:45 AM	359100.000	143.930	21.350	328.061	5202.324	5592.169	3.062	3.803
192.222	1.000	14.708						
11/20/2016 2:14:45 AM	360000.000	143.935	21.351	328.071	5201.590	5591.331	3.061	3.802
192.249	1.000	14.707						
11/20/2016 2:29:45 AM	360900.000	143.971	21.349	328.155	5202.542	5592.585	3.062	3.803
192.214	1.000	14.706						
11/20/2016 2:44:45 AM	361800.000	143.947	21.341	328.100	5200.596	5591.349	3.061	3.802
192.286	1.000	14.705						
11/20/2016 2:59:45 AM	362700.000	143.954	21.334	328.115	5197.178	5588.509	3.060	3.800
192.412	1.000	14.704						
11/20/2016 3:14:45 AM	363600.000	143.963	21.319	328.136	5191.494	5584.125	3.057	3.797
192.623	1.000	14.703						
11/20/2016 3:29:45 AM	364500.000	143.982	21.310	328.179	5184.219	5577.325	3.053	3.793
192.893	1.000	14.698						
11/20/2016 3:44:45 AM	365400.000	143.981	21.311	328.178	5178.818	5571.373	3.050	3.789
193.094	1.000	14.700						
11/20/2016 3:59:45 AM	366300.000	143.952	21.311	328.111	5176.896	5569.365	3.049	3.787
193.166	1.000	14.697						
11/20/2016 4:14:45 AM	367200.000	144.025	21.320	328.277	5177.009	5568.405	3.048	3.787
193.162	1.000	14.697						
11/20/2016 4:29:45 AM	368100.000	143.997	21.322	328.214	5177.781	5569.014	3.048	3.787
193.133	1.000	14.702						
11/20/2016 4:44:45 AM	369000.000	143.966	21.315	328.144	5176.638	5568.567	3.048	3.787
193.176	1.000	14.697						
11/20/2016 4:59:45 AM	369900.000	144.001	21.321	328.222	5177.914	5569.227	3.048	3.787
193.128	1.000	14.698						
11/20/2016 5:14:45 AM	370800.000	144.005	21.332	328.233	5181.207	5571.525	3.050	3.789
193.005	1.000	14.698						
11/20/2016 5:29:45 AM	371700.000	144.008	21.336	328.239	5183.183	5573.230	3.051	3.790
192.932	1.000	14.697						
11/20/2016 5:44:45 AM	372600.000	144.017	21.325	328.260	5185.551	5576.990	3.053	3.792
192.844	1.000	14.700						
11/20/2016 5:59:45 AM	373500.000	144.026	21.329	328.280	5188.047	5579.293	3.054	3.794
192.751	1.000	14.700						
11/20/2016 6:14:45 AM	374400.000	144.028	21.320	328.284	5188.508	5580.732	3.055	3.795
192.734	1.000	14.707						
11/20/2016 6:29:45 AM	375300.000	144.037	21.323	328.306	5189.723	5581.717	3.056	3.796
192.689	1.000	14.702						
11/20/2016 6:44:45 AM	376200.000	144.000	21.332	328.221	5192.568	5583.712	3.057	3.797
192.583	1.000	14.705						
11/20/2016 6:59:45 AM	377100.000	144.051	21.335	328.336	5192.031	5582.823	3.056	3.796
192.603	1.000	14.703						
11/20/2016 7:14:45 AM	378000.000	144.047	21.334	328.327	5194.340	5585.477	3.058	3.798
192.517	1.000	14.710						
11/20/2016 7:29:45 AM	378900.000	144.064	21.330	328.366	5195.671	5587.271	3.059	3.799
192.468	1.000	14.709						
11/20/2016 7:44:45 AM	379800.000	144.071	21.324	328.382	5196.343	5588.756	3.060	3.800
192.443	1.000	14.704						
11/20/2016 7:59:45 AM	380700.000	144.079	21.330	328.400	5197.297	5589.089	3.060	3.801
192.408	1.000	14.702						
11/20/2016 8:14:45 AM	381600.000	144.070	21.337	328.379	5200.247	5591.406	3.061	3.802
192.299	1.000	14.706						
11/20/2016 8:29:45 AM	382500.000	144.088	21.334	328.421	5200.664	5592.216	3.062	3.803
192.283	1.000	14.711						

192.231	1.000	14.707							
11/20/2016 8:59:45 AM	384300.000	144.089	21.332	328.424	5202.502	5594.495	3.063	3.804	
192.215	1.000	14.712							
11/20/2016 9:14:45 AM	385200.000	144.104	21.333	328.457	5204.483	5596.465	3.064	3.806	
192.142	1.000	14.710							
11/20/2016 9:29:45 AM	386100.000	144.118	21.323	328.489	5203.470	5596.493	3.064	3.806	
192.179	1.000	14.706							
11/20/2016 9:44:45 AM	387000.000	144.103	21.329	328.455	5203.762	5596.193	3.064	3.805	
192.169	1.000	14.708							
11/20/2016 9:59:45 AM	387900.000	144.116	21.328	328.484	5204.960	5597.583	3.065	3.806	
192.124	1.000	14.711							
11/20/2016 10:14:45 AM	388800.000	144.126	21.320	328.507	5205.761	5599.300	3.066	3.808	
192.095	1.000	14.702							
11/20/2016 10:29:45 AM	389700.000	144.122	21.323	328.498	5206.812	5600.087	3.066	3.808	
192.056	1.000	14.705							
11/20/2016 10:44:45 AM	390600.000	144.127	21.331	328.511	5208.265	5600.702	3.067	3.808	
192.003	1.000	14.712							
11/20/2016 10:59:45 AM	391500.000	144.129	21.325	328.514	5208.884	5602.054	3.068	3.809	
191.980	1.000	14.710							
11/20/2016 11:14:45 AM	392400.000	144.167	21.325	328.601	5210.091	5603.442	3.068	3.810	
191.935	1.000	14.708							
11/20/2016 11:29:45 AM	393300.000	144.147	21.334	328.556	5210.534	5602.891	3.068	3.810	
191.919	1.000	14.704							
11/20/2016 11:44:45 AM	394200.000	144.158	21.331	328.580	5211.592	5604.321	3.069	3.811	
191.880	1.000	14.696							
11/20/2016 11:59:45 AM	395100.000	144.164	21.331	328.594	5210.595	5603.308	3.068	3.810	
191.917	1.000	14.697							
11/20/2016 12:14:45 PM	396000.000	144.162	21.334	328.590	5211.221	5603.619	3.069	3.810	
191.894	1.000	14.700							
11/20/2016 12:29:45 PM	396900.000	144.158	21.334	328.581	5213.438	5605.962	3.070	3.812	
191.812	1.000	14.696							
11/20/2016 12:44:45 PM	397800.000	144.169	21.330	328.606	5213.135	5606.071	3.070	3.812	
191.823	1.000	14.695							
11/20/2016 12:59:45 PM	398700.000	144.165	21.336	328.598	5213.255	5605.533	3.070	3.812	
191.819	1.000	14.691							
11/20/2016 1:14:45 PM	399600.000	144.159	21.334	328.582	5213.969	5606.564	3.070	3.812	
191.792	1.000	14.697							
11/20/2016 1:29:45 PM	400500.000	144.180	21.333	328.630	5215.056	5607.844	3.071	3.813	
191.753	1.000	14.685							
11/20/2016 1:44:45 PM	401400.000	144.190	21.335	328.654	5215.147	5607.709	3.071	3.813	
191.749	1.000	14.684							
11/20/2016 1:59:45 PM	402300.000	144.194	21.337	328.663	5215.779	5608.086	3.071	3.813	
191.726	1.000	14.680							
11/20/2016 2:14:45 PM	403200.000	144.203	21.330	328.684	5216.576	5609.751	3.072	3.815	
191.697	1.000	14.676							
11/20/2016 2:29:45 PM	404100.000	144.200	21.336	328.677	5216.264	5608.779	3.072	3.814	
191.708	1.000	14.679							
11/20/2016 2:44:45 PM	405000.000	144.211	21.326	328.701	5216.646	5610.381	3.072	3.815	
191.694	1.000	14.679							
11/20/2016 2:59:45 PM	405900.000	144.214	21.325	328.708	5216.692	5610.501	3.073	3.815	
191.692	1.000	14.674							
11/20/2016 3:14:45 PM	406800.000	144.213	21.326	328.706	5216.700	5610.358	3.072	3.815	
191.692	1.000	14.683							
11/20/2016 3:29:45 PM	407700.000	144.261	21.328	328.816	5218.161	5611.697	3.073	3.816	
191.638	1.000	14.681							
11/20/2016 3:44:45 PM	408600.000	144.224	21.335	328.731	5219.491	5612.420	3.074	3.816	
191.590	1.000	14.682							
11/20/2016 3:59:45 PM	409500.000	144.231	21.326	328.748	5220.606	5614.600	3.075	3.818	
191.549	1.000	14.681							
11/20/2016 4:14:45 PM	410400.000	144.226	21.330	328.735	5221.129	5614.688	3.075	3.818	
191.529	1.000	14.680							
11/20/2016 4:29:45 PM	411300.000	144.238	21.330	328.764	5221.309	5614.881	3.075	3.818	
191.523	1.000	14.682							
11/20/2016 4:44:45 PM	412200.000	144.241	21.325	328.769	5221.814	5616.021	3.076	3.819	
191.504	1.000	14.674							
11/20/2016 4:59:45 PM	413100.000	144.245	21.325	328.779	5221.591	5615.720	3.076	3.819	
191.512	1.000	14.677							
11/20/2016 5:14:45 PM	414000.000	144.253	21.325	328.797	5221.828	5616.086	3.076	3.819	
191.504	1.000	14.678							
11/20/2016 5:29:45 PM	414900.000	144.288	21.329	328.878	5222.822	5616.658	3.076	3.819	
191.467	1.000	14.679							
11/20/2016 5:44:45 PM	415800.000	144.250	21.333	328.791	5224.585	5618.101	3.077	3.820	
191.403	1.000	14.684							
11/20/2016 5:59:45 PM	416700.000	144.259	21.335	328.811	5225.720	5619.039	3.078	3.821	
191.361	1.000	14.685							
11/20/2016 6:14:45 PM	417600.000	144.303	21.335	328.910	5226.424	5619.805	3.078	3.821	
191.335	1.000	14.689							
11/20/2016 6:29:45 PM	418500.000	144.270	21.328	328.835	5226.117	5620.285	3.078	3.822	
191.347	1.000	14.685							
11/20/2016 6:44:45 PM	419400.000	144.277	21.333	328.851	5226.205	5619.843	3.078	3.821	
191.343	1.000	14.685							
11/20/2016 6:59:45 PM	420300.000	144.276	21.332	328.850	5227.276	5621.125	3.079	3.822	
191.304	1.000	14.689							
11/20/2016 7:14:45 PM	421200.000	144.277	21.334	328.852	5227.680	5621.256	3.079	3.822	
191.289	1.000	14.689							
11/20/2016 7:29:45 PM	422100.000	144.271	21.338	328.838	5228.310	5621.520	3.079	3.823	
191.266	1.000	14.686							
11/20/2016 7:44:45 PM	423000.000	144.279	21.339	328.857	5228.773	5621.917	3.079	3.823	
191.249	1.000	14.683							
11/20/2016 7:59:45 PM	423900.000	144.312	21.338	328.931	5228.632	5621.875	3.079	3.823	
191.255	1.000	14.695							
11/20/2016 8:14:45 PM	424800.000	144.319	21.339	328.947	5229.504	5622.702	3.080	3.823	
191.223	1.000	14.691							
11/20/2016 8:29:45 PM	425700.000	144.294	21.333	328.891	5229.658	5623.536	3.080	3.824	
191.217	1.000	14.691							
11/20/2016 8:44:45 PM	426600.000	144.300	21.329	328.904	5229.769	5624.090	3.080	3.824	
191.213	1.000	14.693							
11/20/2016 8:59:45 PM	427500.000	144.295	21.330	328.893	5229.958	5624.223	3.081	3.824	
191.206	1.000	14.694							
11/20/2016 9:14:45 PM	428400.000	144.333	21.329	328.981	5230.822	5625.232	3.081	3.825	
191.175	1.000	14.693							
11/20/2016 9:29:45 PM	429300.000	144.331	21.326	328.975	5230.914	5625.654	3.081	3.825	
191.171	1.000	14.687							
11/20/2016 9:44:45 PM	430200.000	144.301	21.330	328.906	5231.272	5625.605	3.081	3.825	
191.158	1.000	14.693							
11/20/2016 9:59:45 PM	431100.000	144.293	21.331	328.889	5232.025	5626.271	3.082	3.826	
191.131	1.000	14.691							
11/20/2016 10:14:45 PM	432000.000	144.297	21.323	328.898	5232.131	5627.349	3.082	3.827	
191.127	1.000	14.696							
11/20/2016 10:29:45 PM	432900.000	144.295	21.322	328.892	5232.883	5628.220	3.083	3.827	
191.099	1.000	14.696							
11/20/2016 10:44:45 PM	433800.000	144.300	21.330	328.905	5234.895	5629.551	3.084	3.828	
191.026	1.000	14.696							
11/20/2016 10:59:45 PM	434700.000	144.291	21.322	328.884	5234.538	5630.029	3.084	3.828	
191.039	1.000	14.703							
11/20/2016 11:14:45 PM	435600.000	144.292	21.329	328.887	5236.364	5631.212	3.085	3.829	
190.972	1.000	14.708							
11/20/2016 11:29:45 PM	436500.000	144.298	21.329	328.900	5236.057	5630.832	3.084	3.829	
190.983	1.000	14.705							
11/20/2016 11:44:45 PM	437400.000	144.309	21.323	328.924	5236.344	5631.912	3.085	3.830	
190.973	1.000	14.702							
11/20/2016 11:59:45 PM	438300.000	144.298	21.321	328.900	5236.523	5632.348	3.085	3.830	
190.966	1.000	14.701							
11/21/2016 12:14:45 AM	439200.000	144.295	21.323	328.893	5237.591	5633.191	3.086	3.831	
190.927	1.000	14.701							
11/21/2016 12:29:45 AM	440100.000	144.292	21.331	328.886	5239.262	5634.136	3.086	3.831	
190.867	1.000	14.707							
11/21/2016 12:44:45 AM	441000.000	144.296	21.334	328.895	5239.560	5634.092	3.086	3.831	
190.856	1.000	14.704							
11/21/2016 12:59:45 AM	441900.000	144.306	21.337	328.918	5239.504	5633.667	3.086	3.831	
190.858	1.000	14.699							
11/21/2016 1:14:45 AM	442800.000	144.308	21.327	328.922	5239.160	5634.393	3.087		

11/21/2016 1:29:45 AM	443700.000	144.300	21.325	328.904	5239.312	5634.860	3.087	3.832
190.865	1.000	14.711						
11/21/2016 1:44:45 AM	444600.000	144.305	21.329	328.916	5239.978	5635.129	3.087	3.832
190.840	1.000	14.706						
11/21/2016 1:59:45 AM	445500.000	144.303	21.332	328.910	5239.361	5634.071	3.086	3.831
190.863	1.000	14.711						
11/21/2016 2:14:45 AM	446400.000	144.313	21.334	328.934	5240.372	5634.975	3.087	3.832
190.826	1.000	14.706						
11/21/2016 2:29:45 AM	447300.000	144.307	21.332	328.920	5241.540	5636.464	3.088	3.833
190.784	1.000	14.711						
11/21/2016 2:44:45 AM	448200.000	144.312	21.337	328.932	5242.676	5637.107	3.088	3.833
190.742	1.000	14.711						
11/21/2016 2:59:45 AM	449100.000	144.339	21.334	328.993	5242.546	5637.292	3.088	3.833
190.747	1.000	14.721						
11/21/2016 3:14:45 AM	450000.000	144.311	21.330	328.930	5242.256	5637.438	3.088	3.833
190.758	1.000	14.710						
11/21/2016 3:29:45 AM	450900.000	144.319	21.331	328.948	5242.429	5637.471	3.088	3.833
190.751	1.000	14.713						
11/21/2016 3:44:45 AM	451800.000	144.321	21.330	328.953	5241.920	5637.087	3.088	3.833
190.770	1.000	14.711						
11/21/2016 3:59:45 AM	452700.000	144.368	21.333	329.060	5242.708	5637.528	3.088	3.834
190.741	1.000	14.712						
11/21/2016 4:14:45 AM	453600.000	144.327	21.327	328.965	5243.512	5639.063	3.089	3.835
190.712	1.000	14.721						
11/21/2016 4:29:45 AM	454500.000	144.316	21.330	328.940	5243.106	5638.342	3.089	3.834
190.727	1.000	14.718						
11/21/2016 4:44:45 AM	455400.000	144.331	21.329	328.976	5244.820	5640.275	3.090	3.835
190.664	1.000	14.718						
11/21/2016 4:59:45 AM	456300.000	144.341	21.327	328.997	5244.125	5639.783	3.090	3.835
190.690	1.000	14.716						
11/21/2016 5:14:45 AM	457200.000	144.325	21.340	328.962	5245.996	5640.322	3.090	3.835
190.622	1.000	14.725						
11/21/2016 5:29:45 AM	458100.000	144.374	21.332	329.073	5246.438	5641.720	3.091	3.836
190.606	1.000	14.724						
11/21/2016 5:44:45 AM	459000.000	144.343	21.336	329.001	5246.450	5641.195	3.090	3.836
190.605	1.000	14.722						
11/21/2016 5:59:45 AM	459900.000	144.351	21.330	329.021	5246.167	5641.593	3.091	3.836
190.615	1.000	14.730						
11/21/2016 6:14:45 AM	460800.000	144.390	21.330	329.109	5247.435	5642.956	3.092	3.837
190.569	1.000	14.730						
11/21/2016 6:29:45 AM	461700.000	144.361	21.335	329.043	5247.252	5642.211	3.091	3.837
190.576	1.000	14.733						
11/21/2016 6:44:45 AM	462600.000	144.365	21.333	329.051	5247.586	5642.752	3.091	3.837
190.564	1.000	14.738						
11/21/2016 6:59:45 AM	463500.000	144.397	21.335	329.126	5248.814	5643.901	3.092	3.838
190.519	1.000	14.742						
11/21/2016 7:14:45 AM	464400.000	144.369	21.334	329.062	5248.584	5643.734	3.092	3.838
190.528	1.000	14.746						
11/21/2016 7:29:45 AM	465300.000	144.373	21.332	329.071	5249.364	5644.807	3.093	3.838
190.499	1.000	14.746						
11/21/2016 7:44:45 AM	466200.000	144.372	21.329	329.068	5248.833	5644.663	3.093	3.838
190.519	1.000	14.745						
11/21/2016 7:59:45 AM	467100.000	144.369	21.334	329.062	5250.918	5646.244	3.093	3.839
190.443	1.000	14.752						
11/21/2016 8:14:45 AM	468000.000	144.375	21.332	329.076	5251.841	5647.491	3.094	3.840
190.409	1.000	14.755						
11/21/2016 8:29:45 AM	468900.000	144.421	21.329	329.181	5251.746	5647.734	3.094	3.840
190.413	1.000	14.756						
11/21/2016 8:44:45 AM	469800.000	144.389	21.333	329.106	5252.232	5647.841	3.094	3.841
190.395	1.000	14.758						
11/21/2016 8:59:45 AM	470700.000	144.382	21.331	329.091	5253.580	5649.493	3.095	3.842
190.346	1.000	14.763						
11/21/2016 9:14:45 AM	471600.000	144.393	21.335	329.116	5254.184	5649.644	3.095	3.842
190.325	1.000	14.757						
11/21/2016 9:29:45 AM	472500.000	144.435	21.339	329.212	5254.884	5649.970	3.096	3.842
190.299	1.000	14.760						
11/21/2016 9:44:45 AM	473400.000	144.400	21.334	329.133	5254.803	5650.451	3.096	3.842
190.302	1.000	14.763						
11/21/2016 9:59:45 AM	474300.000	144.401	21.335	329.135	5256.883	5652.537	3.097	3.844
190.227	1.000	14.761						
11/21/2016 10:14:45 AM	475200.000	144.407	21.326	329.148	5255.680	5652.300	3.097	3.844
190.270	1.000	14.764						
11/21/2016 10:29:45 AM	476100.000	144.449	21.331	329.243	5257.956	5654.218	3.098	3.845
190.188	1.000	14.764						
11/21/2016 10:44:45 AM	477000.000	144.410	21.329	329.154	5257.185	5653.644	3.098	3.844
190.216	1.000	14.766						
11/21/2016 10:59:45 AM	477900.000	144.413	21.335	329.163	5258.491	5654.316	3.098	3.845
190.169	1.000	14.765						
11/21/2016 11:14:45 AM	478800.000	144.416	21.334	329.168	5259.135	5655.120	3.099	3.845
190.145	1.000	14.764						
11/21/2016 11:29:45 AM	479700.000	144.426	21.333	329.191	5258.474	5654.532	3.098	3.845
190.169	1.000	14.766						
11/21/2016 11:44:45 AM	480600.000	144.425	21.334	329.189	5259.981	5656.019	3.099	3.846
190.115	1.000	14.761						
11/21/2016 11:59:45 AM	481500.000	144.416	21.338	329.168	5260.445	5656.031	3.099	3.846
190.098	1.000	14.760						
11/21/2016 12:14:45 PM	482400.000	144.425	21.336	329.188	5261.384	5657.265	3.100	3.847
190.064	1.000	14.759						
11/21/2016 12:29:45 PM	483300.000	144.428	21.334	329.197	5261.068	5657.158	3.100	3.847
190.075	1.000	14.759						
11/21/2016 12:44:45 PM	484200.000	144.459	21.337	329.267	5262.016	5657.861	3.100	3.847
190.041	1.000	14.762						
11/21/2016 12:59:45 PM	485100.000	144.425	21.334	329.190	5262.060	5658.307	3.100	3.848
190.040	1.000	14.758						
11/21/2016 1:14:45 PM	486000.000	144.463	21.328	329.276	5261.727	5658.548	3.101	3.848
190.052	1.000	14.758						
11/21/2016 1:29:45 PM	486900.000	144.425	21.333	329.188	5263.189	5659.573	3.101	3.849
189.999	1.000	14.755						
11/21/2016 1:44:45 PM	487800.000	144.431	21.333	329.203	5263.263	5659.682	3.101	3.849
189.996	1.000	14.759						
11/21/2016 1:59:45 PM	488700.000	144.428	21.336	329.195	5264.237	5660.383	3.102	3.849
189.961	1.000	14.761						
11/21/2016 2:14:45 PM	489600.000	144.425	21.337	329.190	5264.991	5661.090	3.102	3.850
189.934	1.000	14.756						
11/21/2016 2:29:45 PM	490500.000	144.466	21.336	329.284	5267.274	5663.648	3.104	3.851
189.852	1.000	14.759						
11/21/2016 2:44:45 PM	491400.000	144.431	21.333	329.203	5266.690	5663.295	3.103	3.851
189.873	1.000	14.759						
11/21/2016 2:59:45 PM	492300.000	144.437	21.335	329.217	5267.507	5664.021	3.104	3.852
189.843	1.000	14.763						
11/21/2016 3:14:45 PM	493200.000	144.436	21.336	329.213	5268.067	5664.480	3.104	3.852
189.823	1.000	14.760						
11/21/2016 3:29:45 PM	494100.000	144.441	21.330	329.226	5268.012	5665.074	3.104	3.852
189.825	1.000	14.761						
11/21/2016 3:44:45 PM	495000.000	144.468	21.339	329.287	5268.168	5664.293	3.104	3.852
189.819	1.000	14.769						
11/21/2016 3:59:45 PM	495900.000	144.472	21.337	329.296	5269.177	5665.572	3.105	3.853
189.783	1.000	14.766						
11/21/2016 4:14:45 PM	496800.000	144.479	21.333	329.313	5269.856	5666.730	3.105	3.853
189.768	1.000	14.766						
11/21/2016 4:29:45 PM	497700.000	144.429	21.332	329.199	5269.422	5666.365	3.105	3.853
189.774	1.000	14.771						
11/21/2016 4:44:45 PM	498600.000	144.449	21.334	329.243	5269.600	5666.322	3.105	3.853
189.768	1.000	14.765						
11/21/2016 4:59:45 PM	499500.000	144.490	21.338	329.338	5270.301	5666.627	3.105	3.853
189.742	1.000	14.762						
11/21/2016 5:14:45 PM	500400.000	144.455	21.334	329.257	5270.566	5667.433	3.106	3.854
189.733	1.000	14.768						
11/21/2016 5:29:45 PM	501300.000	144.447	21.328	329.239	5270.498	5668.053	3.106	3.854
189.735	1.000	14.775						
11/21/2016 5:44:45 PM	502200.000	144.445	21.331	329.235	5270.708	5667.891	3.106	3.854
189.728	1.000	14.775						

189.714	1.000	14.781					
11/21/2016 6:14:45 PM	504000.000	144.443	21.330	329.229	5273.180	5670.723	3.108
189.639	1.000	14.782					
11/21/2016 6:29:45 PM	504900.000	144.446	21.329	329.238	5274.104	5671.829	3.108
189.606	1.000	14.787					
11/21/2016 6:44:45 PM	505800.000	144.443	21.334	329.231	5273.864	5670.968	3.108
189.614	1.000	14.786					
11/21/2016 6:59:45 PM	506700.000	144.452	21.333	329.251	5274.292	5671.500	3.108
189.599	1.000	14.788					
11/21/2016 7:14:45 PM	507600.000	144.442	21.335	329.227	5274.906	5672.007	3.108
189.577	1.000	14.789					
11/21/2016 7:29:45 PM	508500.000	144.449	21.330	329.245	5273.605	5671.089	3.108
189.624	1.000	14.791					
11/21/2016 7:44:45 PM	509400.000	144.449	21.322	329.244	5274.512	5673.043	3.109
189.591	1.000	14.799					
11/21/2016 7:59:45 PM	510300.000	144.459	21.323	329.266	5275.739	5674.201	3.110
189.547	1.000	14.789					
11/21/2016 8:14:45 PM	511200.000	144.456	21.322	329.259	5276.122	5674.786	3.110
189.533	1.000	14.799					
11/21/2016 8:29:45 PM	512100.000	144.486	21.319	329.329	5275.084	5673.956	3.110
189.570	1.000	14.798					
11/21/2016 8:44:45 PM	513000.000	144.444	21.321	329.232	5275.725	5674.481	3.110
189.547	1.000	14.807					
11/21/2016 8:59:45 PM	513900.000	144.441	21.318	329.226	5276.862	5676.093	3.111
189.507	1.000	14.805					
11/21/2016 9:14:45 PM	514800.000	144.452	21.323	329.252	5278.685	5677.440	3.112
189.441	1.000	14.804					
11/21/2016 9:29:45 PM	515700.000	144.443	21.327	329.229	5279.944	5678.263	3.112
189.396	1.000	14.810					
11/21/2016 9:44:45 PM	516600.000	144.478	21.332	329.311	5279.706	5677.404	3.112
189.404	1.000	14.810					
11/21/2016 9:59:45 PM	517500.000	144.448	21.331	329.243	5280.111	5677.993	3.112
189.390	1.000	14.809					
11/21/2016 10:14:45 PM	518400.000	144.426	21.327	329.191	5280.330	5678.718	3.112
189.362	1.000	14.816					
11/21/2016 10:29:45 PM	519300.000	144.442	21.323	329.227	5279.254	5678.021	3.112
189.421	1.000	14.809					
11/21/2016 10:44:45 PM	520200.000	144.432	21.325	329.205	5279.978	5678.555	3.112
189.395	1.000	14.818					
11/21/2016 10:59:45 PM	521100.000	144.435	21.333	329.211	5281.707	5679.545	3.113
189.333	1.000	14.812					
11/21/2016 11:14:45 PM	522000.000	144.469	21.331	329.290	5282.088	5680.160	3.113
189.319	1.000	14.811					
11/21/2016 11:29:45 PM	522900.000	144.472	21.329	329.297	5281.779	5680.011	3.113
189.330	1.000	14.814					
11/21/2016 11:44:45 PM	523800.000	144.437	21.328	329.215	5282.422	5680.867	3.114
189.307	1.000	14.809					
11/21/2016 11:59:45 PM	524700.000	144.464	21.336	329.277	5282.727	5680.243	3.113
189.296	1.000	14.809					
11/22/2016 12:14:45 AM	525600.000	144.432	21.324	329.206	5281.589	5680.369	3.113
189.337	1.000	14.815					
11/22/2016 12:29:45 AM	526500.000	144.463	21.325	329.276	5282.218	5680.964	3.114
189.314	1.000	14.819					
11/22/2016 12:44:45 AM	527400.000	144.429	21.333	329.199	5283.638	5681.550	3.114
189.264	1.000	14.816					
11/22/2016 12:59:45 AM	528300.000	144.468	21.328	329.286	5283.349	5681.792	3.114
189.274	1.000	14.813					
11/22/2016 1:14:45 AM	529200.000	144.431	21.323	329.204	5283.094	5682.131	3.114
189.283	1.000	14.810					
11/22/2016 1:29:45 AM	530100.000	144.477	21.323	329.307	5283.331	5682.468	3.115
189.275	1.000	14.800					
11/22/2016 1:44:45 AM	531000.000	144.432	21.331	329.204	5284.731	5683.032	3.115
189.224	1.000	14.809					
11/22/2016 1:59:45 AM	531900.000	144.418	21.331	329.174	5284.790	5683.024	3.115
189.222	1.000	14.819					
11/22/2016 2:14:45 AM	532800.000	144.434	21.335	329.209	5285.889	5683.746	3.115
189.183	1.000	14.816					
11/22/2016 2:29:45 AM	533700.000	144.463	21.336	329.277	5286.165	5683.899	3.115
189.173	1.000	14.808					
11/22/2016 2:44:45 AM	534600.000	144.428	21.335	329.195	5286.584	5684.452	3.116
189.158	1.000	14.817					
11/22/2016 2:59:45 AM	535500.000	144.427	21.335	329.193	5286.424	5684.342	3.116
189.164	1.000	14.817					
11/22/2016 3:14:45 AM	536400.000	144.445	21.325	329.234	5286.333	5685.390	3.116
189.167	1.000	14.810					
11/22/2016 3:29:45 AM	537300.000	144.440	21.326	329.223	5286.556	5685.578	3.116
189.159	1.000	14.810					
11/22/2016 3:44:45 AM	538200.000	144.429	21.325	329.197	5286.295	5685.380	3.116
189.168	1.000	14.812					
11/22/2016 3:59:45 AM	539100.000	144.434	21.330	329.211	5288.343	5686.968	3.117
189.095	1.000	14.814					
11/22/2016 4:14:45 AM	540000.000	144.448	21.330	329.242	5288.578	5687.180	3.117
189.087	1.000	14.814					
11/22/2016 4:29:45 AM	540900.000	144.482	21.337	329.318	5290.753	5688.750	3.118
189.009	1.000	14.813					
11/22/2016 4:44:45 AM	541800.000	144.442	21.334	329.228	5289.835	5688.174	3.118
189.042	1.000	14.814					
11/22/2016 4:59:45 AM	542700.000	144.483	21.332	329.321	5288.750	5687.169	3.117
189.061	1.000	14.814					
11/22/2016 5:14:45 AM	543600.000	144.449	21.333	329.244	5289.862	5688.315	3.118
189.041	1.000	14.820					
11/22/2016 5:29:45 AM	544500.000	144.459	21.329	329.266	5289.624	5688.467	3.118
189.049	1.000	14.815					
11/22/2016 5:44:45 AM	545400.000	144.459	21.328	329.266	5289.839	5688.844	3.118
189.042	1.000	14.817					
11/22/2016 5:59:45 AM	546300.000	144.463	21.330	329.275	5291.885	5690.807	3.119
188.969	1.000	14.822					
11/22/2016 6:14:45 AM	547200.000	144.466	21.337	329.282	5293.768	5691.961	3.120
188.901	1.000	14.816					
11/22/2016 6:29:45 AM	548100.000	144.466	21.333	329.282	5295.373	5694.180	3.121
188.844	1.000	14.824					
11/22/2016 6:44:45 AM	549000.000	144.468	21.337	329.287	5295.030	5693.358	3.121
188.856	1.000	14.818					
11/22/2016 6:59:45 AM	549900.000	144.473	21.336	329.297	5294.026	5692.372	3.120
188.892	1.000	14.822					
11/22/2016 7:14:45 AM	550800.000	144.472	21.331	329.297	5295.043	5694.060	3.121
188.856	1.000	14.826					
11/22/2016 7:29:45 AM	551700.000	144.486	21.328	329.328	5294.977	5694.378	3.122
188.858	1.000	14.829					
11/22/2016 7:44:45 AM	552600.000	144.481	21.333	329.316	5295.739	5694.614	3.122
188.831	1.000	14.830					
11/22/2016 7:59:45 AM	553500.000	144.495	21.329	329.348	5295.371	5694.658	3.122
188.844	1.000	14.830					
11/22/2016 8:14:45 AM	554400.000	144.502	21.329	329.364	5296.872	5696.262	3.123
188.791	1.000	14.829					
11/22/2016 8:29:45 AM	555300.000	144.492	21.334	329.342	5298.384	5697.335	3.123
188.737	1.000	14.834					
11/22/2016 8:44:45 AM	556200.000	144.491	21.331	329.339	5299.175	5698.472	3.124
188.709	1.000	14.837					
11/22/2016 8:59:45 AM	557100.000	144.491	21.328	329.340	5298.779	5698.406	3.124
188.723	1.000	14.836					
11/22/2016 9:14:45 AM	558000.000	144.493	21.329	329.345	5299.822	5699.444	3.125
188.686	1.000	14.838					
11/22/2016 9:29:45 AM	558900.000	144.508	21.332	329.378	5300.500	5699.866	3.125
188.661	1.000	14.829					
11/22/2016 9:44:45 AM	559800.000	144.503	21.334	329.367	5302.718	5701.943	3.126
188.583	1.000	14.833					
11/22/2016 9:59:45 AM	560700.000	144.496	21.334	329.350	5303.643	5702.949	3.127
188.550	1.000	14.838					
11/22/2016 10:14:45 AM	561600.000	144.499	21.332	329.358	5303.984	5703.511	3.127
188.538	1.000	14.836					
11/22/2016 10:29:45 AM	562500.000	144.494	21.334	329.346	5304.328	5703.758	3.127
188.525	1.000	14.835					

11/22/2016 10:44:45 AM	563400.000	144.567	21.337	329.513	5304.998	5704.016	3.127	3.879
188.501	1.000	14.830						
11/22/2016 10:59:45 AM	564300.000	144.544	21.337	329.461	5305.897	5705.013	3.128	3.879
188.470	1.000	14.826						
11/22/2016 11:14:45 AM	565200.000	144.493	21.326	329.345	5306.290	5706.761	3.129	3.881
188.456	1.000	14.829						
11/22/2016 11:29:45 AM	566100.000	144.504	21.324	329.369	5305.282	5705.881	3.128	3.880
188.491	1.000	14.818						
11/22/2016 11:44:45 AM	567000.000	144.449	21.333	329.244	5308.124	5707.869	3.129	3.881
188.390	1.000	14.817						
11/22/2016 11:59:45 AM	567900.000	144.491	21.330	329.340	5307.432	5707.455	3.129	3.881
188.415	1.000	14.814						
11/22/2016 12:14:45 PM	568800.000	144.484	21.331	329.325	5307.434	5707.435	3.129	3.881
188.415	1.000	14.807						
11/22/2016 12:29:45 PM	569700.000	144.476	21.332	329.306	5308.403	5708.375	3.130	3.882
188.361	1.000	14.810						
11/22/2016 12:44:45 PM	570600.000	144.464	21.330	329.278	5308.313	5708.422	3.130	3.882
188.384	1.000	14.811						
11/22/2016 12:59:45 PM	571500.000	144.462	21.327	329.274	5308.561	5709.120	3.130	3.882
188.375	1.000	14.810						
11/22/2016 1:14:45 PM	572400.000	144.465	21.335	329.280	5309.015	5708.602	3.130	3.882
188.359	1.000	14.808						
11/22/2016 1:29:45 PM	573300.000	144.485	21.332	329.326	5309.839	5709.817	3.131	3.883
188.330	1.000	14.807						
11/22/2016 1:44:45 PM	574200.000	144.450	21.329	329.245	5309.934	5710.372	3.131	3.883
188.326	1.000	14.802						
11/22/2016 1:59:45 PM	575100.000	144.444	21.330	329.233	5308.622	5708.745	3.130	3.882
188.373	1.000	14.800						
11/22/2016 2:14:45 PM	576000.000	144.434	21.339	329.209	5310.899	5710.176	3.131	3.883
188.292	1.000	14.803						
11/22/2016 2:29:45 PM	576900.000	144.425	21.340	329.189	5310.980	5710.170	3.131	3.883
188.289	1.000	14.809						
11/22/2016 2:44:45 PM	577800.000	144.424	21.334	329.188	5311.486	5711.412	3.132	3.884
188.271	1.000	14.808						
11/22/2016 2:59:45 PM	578700.000	144.458	21.333	329.264	5311.066	5711.013	3.131	3.883
188.286	1.000	14.801						
11/22/2016 3:14:45 PM	579600.000	144.413	21.338	329.163	5312.006	5711.458	3.132	3.884
188.253	1.000	14.809						
11/22/2016 3:29:45 PM	580500.000	144.407	21.340	329.148	5313.147	5712.521	3.132	3.885
188.212	1.000	14.811						
11/22/2016 3:44:45 PM	581400.000	144.411	21.330	329.158	5310.891	5711.267	3.131	3.884
188.292	1.000	14.805						
11/22/2016 3:59:45 PM	582300.000	144.406	21.327	329.146	5311.084	5711.763	3.132	3.884
188.285	1.000	14.807						
11/22/2016 4:14:45 PM	583200.000	144.386	21.339	329.100	5312.217	5711.644	3.132	3.884
188.245	1.000	14.809						
11/22/2016 4:29:45 PM	584100.000	144.384	21.338	329.096	5313.408	5712.976	3.132	3.885
188.203	1.000	14.809						
11/22/2016 4:44:45 PM	585000.000	144.384	21.340	329.095	5313.870	5713.256	3.133	3.885
188.187	1.000	14.813						
11/22/2016 4:59:45 PM	585900.000	144.425	21.339	329.189	5313.706	5713.255	3.133	3.885
188.193	1.000	14.809						
11/22/2016 5:14:45 PM	586800.000	144.380	21.330	329.087	5311.731	5712.190	3.132	3.884
188.263	1.000	14.812						
11/22/2016 5:29:45 PM	587700.000	144.445	21.331	329.234	5313.114	5713.471	3.133	3.885
188.214	1.000	14.810						
11/22/2016 5:44:45 PM	588600.000	144.373	21.334	329.070	5313.615	5713.702	3.133	3.885
188.196	1.000	14.811						
11/22/2016 5:59:45 PM	589500.000	144.369	21.342	329.061	5314.677	5713.887	3.133	3.885
188.158	1.000	14.813						
11/22/2016 6:14:45 PM	590400.000	144.356	21.343	329.033	5314.869	5713.972	3.133	3.886
188.151	1.000	14.813						
11/22/2016 6:29:45 PM	591300.000	144.363	21.343	329.047	5315.756	5714.925	3.134	3.886
188.120	1.000	14.814						
11/22/2016 6:44:45 PM	592200.000	144.371	21.344	329.065	5315.982	5715.076	3.134	3.886
188.112	1.000	14.807						
11/22/2016 6:59:45 PM	593100.000	144.397	21.344	329.125	5315.397	5714.447	3.133	3.886
188.133	1.000	14.809						
11/22/2016 7:14:45 PM	594000.000	144.390	21.346	329.110	5315.413	5714.206	3.133	3.886
188.132	1.000	14.813						
11/22/2016 7:29:45 PM	594900.000	144.394	21.345	329.118	5315.920	5714.854	3.134	3.886
188.114	1.000	14.816						
11/22/2016 7:44:45 PM	595800.000	144.364	21.340	329.049	5315.441	5714.905	3.134	3.886
188.131	1.000	14.810						
11/22/2016 7:59:45 PM	596700.000	144.358	21.339	329.036	5314.631	5714.199	3.133	3.886
188.160	1.000	14.813						
11/22/2016 8:14:45 PM	597600.000	144.357	21.341	329.035	5315.315	5714.698	3.133	3.886
188.136	1.000	14.814						
11/22/2016 8:29:45 PM	598500.000	144.360	21.344	329.040	5315.497	5714.595	3.133	3.886
188.129	1.000	14.808						
11/22/2016 8:44:45 PM	599400.000	144.386	21.345	329.101	5316.001	5714.981	3.134	3.886
188.111	1.000	14.813						
11/22/2016 8:59:45 PM	600300.000	144.355	21.346	329.030	5316.500	5715.344	3.134	3.886
188.094	1.000	14.807						
11/22/2016 9:14:45 PM	601200.000	144.393	21.346	329.117	5317.113	5716.084	3.134	3.887
188.072	1.000	14.812						
11/22/2016 9:29:45 PM	602100.000	144.397	21.348	329.126	5317.615	5716.316	3.134	3.887
188.054	1.000	14.809						
11/22/2016 9:44:45 PM	603000.000	144.358	21.350	329.036	5317.330	5715.804	3.134	3.887
188.064	1.000	14.808						
11/22/2016 9:59:45 PM	603900.000	144.393	21.355	329.115	5317.786	5715.750	3.134	3.887
188.048	1.000	14.809						
11/22/2016 10:14:45 PM	604800.000	144.355	21.355	329.029	5317.811	5715.693	3.134	3.887
188.047	1.000	14.815						
11/22/2016 10:29:45 PM	605700.000	144.393	21.356	329.116	5318.238	5716.040	3.134	3.887
188.032	1.000	14.811						
11/22/2016 10:44:45 PM	606600.000	144.352	21.350	329.024	5317.594	5716.078	3.134	3.887
188.055	1.000	14.814						
11/22/2016 10:59:45 PM	607500.000	144.348	21.339	329.014	5312.926	5712.324	3.132	3.884
188.220	1.000	14.816						
11/22/2016 11:14:45 PM	608400.000	144.361	21.333	329.044	5306.596	5706.288	3.129	3.880
188.445	1.000	14.814						
11/22/2016 11:29:45 PM	609300.000	144.371	21.329	329.067	5299.805	5699.437	3.125	3.876
188.686	1.000	14.810						
11/22/2016 11:44:45 PM	610200.000	144.374	21.320	329.074	5293.349	5693.488	3.121	3.872
188.916	1.000	14.807						
11/22/2016 11:59:45 PM	611100.000	144.344	21.308	329.004	5286.300	5687.320	3.117	3.867
189.168	1.000	14.808						
11/23/2016 12:14:45 AM	612000.000	144.340	21.305	328.995	5278.735	5679.540	3.113	3.862
189.439	1.000	14.818						
11/23/2016 12:29:45 AM	612900.000	144.382	21.305	329.092	5274.142	5674.608	3.110	3.859
189.604	1.000	14.812						
11/23/2016 12:44:45 AM	613800.000	144.381	21.306	329.090	5271.654	5671.777	3.108	3.857
189.694	1.000	14.806						
11/23/2016 12:59:45 AM	614700.000	144.395	21.308	329.120	5271.674	5671.636	3.108	3.857
189.693	1.000	14.801						
11/23/2016 1:14:45 AM	615600.000	144.368	21.309	329.105	5271.390	5671.207	3.108	3.856
189.703	1.000	14.804						
11/23/2016 1:29:45 AM	616500.000	144.382	21.311	329.091	5271.030	5670.534	3.108	3.856
189.716	1.000	14.803						
11/23/2016 1:44:45 AM	617400.000	144.367	21.312	329.103	5269.920	5669.269	3.107	3.855
189.756	1.000	14.810						
11/23/2016 1:59:45 AM	618300.000	144.384	21.312	329.096	5271.195	5670.610	3.108	3.856
189.710	1.000	14.809						
11/23/2016 2:14:45 AM	619200.000	144.382	21.315	329.091	5271.130	5670.213	3.107	3.856
189.713	1.000	14.818						
11/23/2016 2:29:45 AM	620100.000	144.383	21.314	329.093	5271.946	5671.162	3.108	3.856
189.683	1.000	14.818						
11/23/2016 2:44:45 AM	621000.000	144.392	21.317	329.113	5272.479	5671.408	3.108	3.857
189.664	1.000	14.813						
11/23/2016 2:59:45 AM	621900.000	144.395	21.316	329.120	5272.364	5671.468	3.108	3.857
189.668	1.000	14.814						

189.694	1.000	14.814						
11/23/2016 3:29:45 AM	623700.000	144.424	21.316	329.188	5271.567	5670.621	3.108	3.856
189.697	1.000	14.827						
11/23/2016 3:44:45 AM	624600.000	144.387	21.318	329.102	5272.976	5671.893	3.108	3.857
189.646	1.000	14.831						
11/23/2016 3:59:45 AM	625500.000	144.390	21.319	329.109	5273.752	5672.624	3.109	3.857
189.618	1.000	14.837						
11/23/2016 4:14:45 AM	626400.000	144.393	21.317	329.117	5272.825	5671.831	3.108	3.857
189.652	1.000	14.839						
11/23/2016 4:29:45 AM	627300.000	144.390	21.320	329.110	5273.416	5672.090	3.109	3.857
189.630	1.000	14.846						
11/23/2016 4:44:45 AM	628200.000	144.434	21.323	329.209	5274.959	5673.454	3.109	3.858
189.575	1.000	14.845						
11/23/2016 4:59:45 AM	629100.000	144.402	21.319	329.136	5274.506	5673.343	3.109	3.858
189.591	1.000	14.842						
11/23/2016 5:14:45 AM	630000.000	144.434	21.325	329.211	5275.870	5674.198	3.110	3.858
189.542	1.000	14.852						
11/23/2016 5:29:45 AM	630900.000	144.407	21.324	329.148	5276.243	5674.640	3.110	3.859
189.529	1.000	14.851						
11/23/2016 5:44:45 AM	631800.000	144.407	21.328	329.148	5278.131	5676.243	3.111	3.860
189.461	1.000	14.853						
11/23/2016 5:59:45 AM	632700.000	144.403	21.324	329.139	5278.959	5677.643	3.112	3.861
189.431	1.000	14.863						
11/23/2016 6:14:45 AM	633600.000	144.399	21.320	329.130	5277.463	5676.412	3.111	3.860
189.485	1.000	14.859						
11/23/2016 6:29:45 AM	634500.000	144.423	21.322	329.185	5278.124	5676.979	3.111	3.860
189.461	1.000	14.853						
11/23/2016 6:44:45 AM	635400.000	144.418	21.327	329.173	5279.071	5677.364	3.112	3.861
189.427	1.000	14.865						
11/23/2016 6:59:45 AM	636300.000	144.418	21.329	329.174	5279.660	5677.752	3.112	3.861
189.406	1.000	14.866						
11/23/2016 7:14:45 AM	637200.000	144.398	21.324	329.128	5280.049	5678.794	3.112	3.862
189.392	1.000	14.867						
11/23/2016 7:29:45 AM	638100.000	144.426	21.317	329.191	5278.626	5678.021	3.112	3.861
189.443	1.000	14.872						
11/23/2016 7:44:45 AM	639000.000	144.430	21.325	329.201	5280.801	5679.461	3.113	3.862
189.365	1.000	14.872						
11/23/2016 7:59:45 AM	639900.000	144.438	21.325	329.219	5282.069	5680.763	3.114	3.863
189.320	1.000	14.877						
11/23/2016 8:14:45 AM	640800.000	144.436	21.320	329.214	5280.631	5679.901	3.113	3.862
189.371	1.000	14.884						
11/23/2016 8:29:45 AM	641700.000	144.452	21.320	329.251	5282.112	5681.401	3.114	3.863
189.318	1.000	14.878						
11/23/2016 8:44:45 AM	642600.000	144.444	21.323	329.233	5281.097	5680.065	3.113	3.862
189.355	1.000	14.886						
11/23/2016 8:59:45 AM	643500.000	144.447	21.322	329.240	5281.610	5680.627	3.114	3.863
189.336	1.000	14.887						
11/23/2016 9:14:45 AM	644400.000	144.446	21.327	329.237	5283.573	5682.186	3.114	3.864
189.266	1.000	14.891						
11/23/2016 9:29:45 AM	645300.000	144.450	21.330	329.245	5284.425	5682.775	3.115	3.864
189.235	1.000	14.893						
11/23/2016 9:44:45 AM	646200.000	144.465	21.326	329.281	5284.431	5683.241	3.115	3.865
189.235	1.000	14.888						
11/23/2016 9:59:45 AM	647100.000	144.500	21.328	329.360	5284.863	5683.420	3.115	3.865
189.220	1.000	14.893						
11/23/2016 10:14:45 AM	648000.000	144.495	21.323	329.350	5284.552	5683.699	3.115	3.865
189.231	1.000	14.904						
11/23/2016 10:29:45 AM	648900.000	144.470	21.326	329.291	5284.270	5683.119	3.115	3.865
189.241	1.000	14.900						
11/23/2016 10:44:45 AM	649800.000	144.454	21.334	329.256	5285.973	5684.000	3.116	3.865
189.180	1.000	14.901						
11/23/2016 10:59:45 AM	650700.000	144.464	21.329	329.277	5285.267	5683.761	3.115	3.865
189.205	1.000	14.897						
11/23/2016 11:14:45 AM	651600.000	144.462	21.324	329.272	5284.344	5683.403	3.115	3.865
189.238	1.000	14.896						
11/23/2016 11:29:45 AM	652500.000	144.483	21.320	329.320	5284.862	5684.392	3.116	3.865
189.220	1.000	14.891						
11/23/2016 11:44:45 AM	653400.000	144.462	21.330	329.273	5286.611	5685.166	3.116	3.866
189.157	1.000	14.891						
11/23/2016 11:59:45 AM	654300.000	144.460	21.334	329.269	5287.561	5685.697	3.116	3.866
189.123	1.000	14.890						
11/23/2016 12:14:45 PM	655200.000	144.461	21.328	329.271	5286.444	5685.161	3.116	3.866
189.163	1.000	14.886						
11/23/2016 12:29:45 PM	656100.000	144.464	21.323	329.278	5287.694	5687.161	3.117	3.867
189.119	1.000	14.883						
11/23/2016 12:44:45 PM	657000.000	144.462	21.323	329.274	5287.865	5687.292	3.117	3.867
189.112	1.000	14.878						
11/23/2016 12:59:45 PM	657900.000	144.468	21.324	329.288	5287.888	5687.143	3.117	3.867
189.111	1.000	14.873						
11/23/2016 1:14:45 PM	658800.000	144.441	21.338	329.226	5290.148	5688.039	3.118	3.868
189.031	1.000	14.876						
11/23/2016 1:29:45 PM	659700.000	144.455	21.335	329.257	5290.300	5688.540	3.118	3.868
189.025	1.000	14.871						
11/23/2016 1:44:45 PM	660600.000	144.438	21.340	329.219	5291.449	5689.212	3.119	3.869
189.964	1.000	14.873						
11/23/2016 1:59:45 PM	661500.000	144.470	21.341	329.292	5291.712	5689.352	3.119	3.869
189.975	1.000	14.877						
11/23/2016 2:14:45 PM	662400.000	144.437	21.341	329.216	5291.254	5688.819	3.118	3.868
189.961	1.000	14.879						
11/23/2016 2:29:45 PM	663300.000	144.442	21.345	329.227	5291.667	5688.833	3.118	3.868
189.976	1.000	14.875						
11/23/2016 2:44:45 PM	664200.000	144.463	21.338	329.277	5291.227	5689.117	3.119	3.869
189.962	1.000	14.870						
11/23/2016 2:59:45 PM	665100.000	144.469	21.329	329.289	5291.132	5690.069	3.119	3.869
189.995	1.000	14.872						
11/23/2016 3:14:45 PM	666000.000	144.427	21.328	329.194	5292.243	5691.407	3.120	3.870
189.966	1.000	14.873						
11/23/2016 3:29:45 PM	666900.000	144.413	21.331	329.161	5293.446	5692.383	3.120	3.871
189.913	1.000	14.875						
11/23/2016 3:44:45 PM	667800.000	144.454	21.331	329.256	5292.048	5690.871	3.120	3.870
189.963	1.000	14.872						
11/23/2016 3:59:45 PM	668700.000	144.448	21.330	329.242	5292.710	5691.674	3.120	3.870
189.939	1.000	14.871						
11/23/2016 4:14:45 PM	669600.000	144.405	21.341	329.144	5294.877	5692.725	3.121	3.871
189.862	1.000	14.874						
11/23/2016 4:29:45 PM	670500.000	144.392	21.347	329.114	5294.591	5691.689	3.120	3.870
189.872	1.000	14.874						
11/23/2016 4:44:45 PM	671400.000	144.399	21.345	329.130	5295.137	5692.562	3.121	3.871
189.853	1.000	14.866						
11/23/2016 4:59:45 PM	672300.000	144.390	21.347	329.108	5295.315	5692.529	3.121	3.871
189.846	1.000	14.875						
11/23/2016 5:14:45 PM	673200.000	144.378	21.347	329.081	5294.280	5691.396	3.120	3.870
189.863	1.000	14.877						
11/23/2016 5:29:45 PM	674100.000	144.372	21.350	329.069	5295.821	5692.725	3.121	3.871
189.828	1.000	14.877						
11/23/2016 5:44:45 PM	675000.000	144.394	21.348	329.119	5294.775	5691.753	3.120	3.870
189.865	1.000	14.879						
11/23/2016 5:59:45 PM	675900.000	144.355	21.346	329.029	5295.200	5692.518	3.121	3.871
189.850	1.000	14.882						
11/23/2016 6:14:45 PM	676800.000	144.400	21.349	329.131	5295.010	5691.966	3.120	3.871
189.857	1.000	14.881						
11/23/2016 6:29:45 PM	677700.000	144.384	21.343	329.096	5295.702	5693.426	3.121	3.872
189.832	1.000	14.888						
11/23/2016 6:44:45 PM	678600.000	144.385	21.345	329.097	5295.972	5693.481	3.121	3.872
189.823	1.000	14.887						
11/23/2016 6:59:45 PM	679500.000	144.337	21.349	328.989	5296.021	5693.002	3.121	3.871
189.821	1.000	14.888						
11/23/2016 7:14:45 PM	680400.000	144.369	21.348	329.062	5297.203	5694.363	3.122	3.872
189.779	1.000	14.887						
11/23/2016 7:29:45 PM	681300.000	144.350	21.347	329.017	5297.579	5694.901	3.122	3.873
189.765	1.000	14.891						
11/23/2016 7:44:45 PM	682200.000	144.311	21.347	328.930	5297.456	5694.799	3.122	3.872

11/23/2016 7:59:45 PM	683100.000	144.250	21.341	329.017	5297.413	5695.471	3.122	3.873
188.771	1.000	14.891						
11/23/2016 8:14:45 PM	684000.000	144.336	21.343	328.986	5296.983	5694.803	3.122	3.872
188.787	1.000	14.895						
11/23/2016 8:29:45 PM	684900.000	144.339	21.346	328.992	5298.046	5695.557	3.122	3.873
188.749	1.000	14.892						
11/23/2016 8:44:45 PM	685800.000	144.301	21.348	328.905	5298.600	5695.865	3.122	3.873
188.729	1.000	14.895						
11/23/2016 8:59:45 PM	686700.000	144.327	21.348	328.966	5299.499	5696.821	3.123	3.874
188.697	1.000	14.892						
11/23/2016 9:14:45 PM	687600.000	144.284	21.351	328.867	5299.815	5696.904	3.123	3.874
188.686	1.000	14.893						
11/23/2016 9:29:45 PM	688500.000	144.313	21.351	328.934	5300.073	5697.130	3.123	3.874
188.677	1.000	14.898						
11/23/2016 9:44:45 PM	689400.000	144.279	21.353	328.856	5301.441	5698.324	3.124	3.875
188.628	1.000	14.899						
11/23/2016 9:59:45 PM	690300.000	144.243	21.351	328.775	5300.549	5697.693	3.124	3.874
188.660	1.000	14.896						
11/23/2016 10:14:45 PM	691200.000	144.312	21.340	328.931	5295.885	5693.889	3.121	3.872
188.826	1.000	14.903						
11/23/2016 10:29:45 PM	692100.000	144.276	21.337	328.850	5291.812	5689.838	3.119	3.869
188.971	1.000	14.900						
11/23/2016 10:44:45 PM	693000.000	144.272	21.335	328.840	5289.224	5687.403	3.117	3.867
189.064	1.000	14.900						
11/23/2016 10:59:45 PM	693900.000	144.275	21.331	328.848	5286.780	5685.195	3.116	3.866
189.151	1.000	14.905						
11/23/2016 11:14:45 PM	694800.000	144.305	21.329	328.915	5282.314	5680.658	3.114	3.863
189.311	1.000	14.907						
11/23/2016 11:29:45 PM	695700.000	144.310	21.328	328.928	5279.578	5677.799	3.112	3.861
189.409	1.000	14.904						
11/23/2016 11:44:45 PM	696600.000	144.277	21.327	328.852	5276.348	5674.487	3.110	3.859
189.525	1.000	14.906						
11/23/2016 11:59:45 PM	697500.000	144.309	21.327	328.925	5274.141	5672.033	3.109	3.857
189.604	1.000	14.904						

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
11/17/2016	0:00:00	0	88.386	16.4	1227.1
11/17/2016	0:15:00	0	88.384	16.4	1224.7
11/17/2016	0:30:00	0	88.363	16.5	1223.8
11/17/2016	0:45:00	0	88.324	16.4	1225.9
11/17/2016	1:00:00	0	88.413	16.4	1225.9
11/17/2016	1:15:00	0	88.374	16.4	1227.1
11/17/2016	1:30:00	0	88.338	16.4	1225.9
11/17/2016	1:45:00	0	88.393	16.4	1225.9
11/17/2016	2:00:00	0	88.346	16.4	1225.9
11/17/2016	2:15:00	0	88.372	16.4	1228.3
11/17/2016	2:30:00	0	88.367	16.5	1223.8
11/17/2016	2:45:00	0	88.408	16.4	1225.9
11/17/2016	3:00:00	0	88.367	16.5	1222.7
11/17/2016	3:15:00	0	88.368	16.4	1227.1
11/17/2016	3:30:00	0	88.385	16.4	1225.9
11/17/2016	3:45:00	0	88.349	16.4	1227.1
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11/17/2016	17:45:00	0	88.406	16.4	1227.1
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11/18/2016	0:30:00	0	88.378	16.4	1228.3
11/18/2016	0:45:00	0	88.422	16.4	1228.3
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11/18/2016	4:30:00	0	88.414	16.4	1225.9
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11/19/2016	1:15:00	0	88.397	16.4	1225.9
11/19/2016	1:30:00	0	88.398	16.4	1227.1
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11/19/2016	9:00:00	0	88.429	16.4	1228.3
11/19/2016	9:15:00	0	88.471	16.4	1228.3
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11/19/2016	10:45:00	0	88.413	16.4	1228.3
11/19/2016	11:00:00	0	88.427	16.4	1228.3
11/19/2016	11:15:00	0	88.455	16.4	1227.1
11/19/2016	11:30:00	0	88.444	16.4	1228.3
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11/19/2016	14:30:00	0	88.447	16.4	1228.3
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11/19/2016	15:45:00	0	88.459	16.4	1227.1
11/19/2016	16:00:00	0	88.462	16.4	1228.3
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11/19/2016	16:30:00	0	88.493	16.4	1228.3
11/19/2016	16:45:00	0	88.493	16.4	1227.1
11/19/2016	17:00:00	0	88.552	16.4	1228.3
11/19/2016	17:15:00	0	88.533	16.4	1227.1
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11/19/2016	17:45:00	0	88.463	16.4	1227.1
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11/19/2016	20:15:00	0	88.504	16.4	1228.3
11/19/2016	20:30:00	0	88.487	16.4	1229.4
11/19/2016	20:45:00	0	88.472	16.4	1228.3
11/19/2016	21:00:00	0	88.503	16.4	1228.3
11/19/2016	21:15:00	0	88.521	16.4	1227.1
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11/19/2016	22:15:00	0	88.504	16.4	1227.1
11/19/2016	22:30:00	0	88.503	16.4	1228.3
11/19/2016	22:45:00	0	88.56	16.4	1227.1
11/19/2016	23:00:00	0	88.507	16.4	1227.1
11/19/2016	23:15:00	0	88.543	16.4	1227.1
11/19/2016	23:30:00	0	88.532	16.4	1228.3
11/19/2016	23:45:00	0	88.511	16.4	1228.3
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11/20/2016	0:45:00	0	88.533	16.4	1228.3
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11/20/2016	1:45:00	0	88.534	16.4	1227.1
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11/20/2016	2:45:00	0	88.553	16.4	1229.4
11/20/2016	3:00:00	0	88.553	16.4	1228.3
11/20/2016	3:15:00	0	88.515	16.4	1230.6
11/20/2016	3:30:00	0	88.543	16.4	1225.9
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11/20/2016	20:30:00	0	88.68	16.4	1227.1
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11/22/2016	9:45:00	0	88.699	16.4	1228.3
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11/22/2016	17:45:00	0	88.767	16.4	1228.3
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11/22/2016	18:15:00	0	88.763	16.4	1225.9
11/22/2016	18:30:00	0	88.766	16.4	1228.3
11/22/2016	18:45:00	0	88.766	16.4	1227.1
11/22/2016	19:00:00	0	88.769	16.4	1230.6
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11/22/2016	22:45:00	0	88.773	16.4	1228.3
11/22/2016	23:00:00	0	88.772	16.4	1228.3
11/22/2016	23:15:00	0	88.766	16.4	1228.3
11/22/2016	23:30:00	0	88.767	16.4	1228.3
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11/23/2016	0:30:00	0	88.77	16.4	1228.3
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11/23/2016	1:30:00	0	88.775	16.4	1228.3
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11/23/2016	2:00:00	0	88.784	16.4	1228.3
11/23/2016	2:15:00	0	88.759	16.4	1228.3
11/23/2016	2:30:00	0	88.779	16.4	1228.3
11/23/2016	2:45:00	0	88.754	16.4	1228.3
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11/23/2016	3:30:00	0	88.755	16.4	1228.3
11/23/2016	3:45:00	0	88.724	16.4	1228.3
11/23/2016	4:00:00	0	88.754	16.4	1228.3
11/23/2016	4:15:00	0	88.784	16.4	1228.3
11/23/2016	4:30:00	0	88.754	16.4	1228.3

11/23/2016	4:45:00	0	88.748	16.4	1229.4
11/23/2016	5:00:00	0	88.742	16.4	1227.1
11/23/2016	5:15:00	0	88.757	16.4	1227.1
11/23/2016	5:30:00	0	88.751	16.4	1225.9
11/23/2016	5:45:00	0	88.748	16.4	1228.3
11/23/2016	6:00:00	0	88.728	16.4	1228.3
11/23/2016	6:15:00	0	88.746	16.4	1227.1
11/23/2016	6:30:00	0	88.742	16.4	1228.3
11/23/2016	6:45:00	0	88.717	16.4	1228.3
11/23/2016	7:00:00	0	88.75	16.4	1227.1
11/23/2016	7:15:00	0	88.719	16.4	1228.3
11/23/2016	7:30:00	0	88.713	16.4	1229.4
11/23/2016	7:45:00	0	88.709	16.4	1228.3
11/23/2016	8:00:00	0	88.736	16.4	1228.3
11/23/2016	8:15:00	0	88.725	16.4	1228.3
11/23/2016	8:30:00	0	88.738	16.4	1227.1
11/23/2016	8:45:00	0	88.75	16.4	1228.3
11/23/2016	9:00:00	0	88.703	16.4	1227.1
11/23/2016	9:15:00	0	88.726	16.4	1228.3
11/23/2016	9:30:00	0	88.722	16.4	1228.3
11/23/2016	9:45:00	0	88.683	16.4	1228.3
11/23/2016	10:00:00	0	88.748	16.4	1228.3
11/23/2016	10:15:00	0	88.725	16.4	1228.3
11/23/2016	10:30:00	0	88.746	16.4	1228.3
11/23/2016	10:45:00	0	88.725	16.4	1228.3
11/23/2016	11:00:00	0	88.75	16.4	1228.3
11/23/2016	11:15:00	0	88.739	16.4	1229.4
11/23/2016	11:30:00	0	88.701	16.4	1227.1
11/23/2016	11:45:00	0	88.728	16.4	1228.3
11/23/2016	12:00:00	0	88.738	16.4	1227.1
11/23/2016	12:15:00	0	88.744	16.4	1230.6
11/23/2016	12:30:00	0	88.751	16.4	1227.1
11/23/2016	12:45:00	0	88.735	16.4	1229.4
11/23/2016	13:00:00	0	88.723	16.4	1227.1
11/23/2016	13:15:00	0	88.731	16.4	1228.3
11/23/2016	13:30:00	0	88.772	16.4	1229.4
11/23/2016	13:45:00	0	88.756	16.4	1228.3
11/23/2016	14:00:00	0	88.735	16.4	1227.1
11/23/2016	14:15:00	0	88.711	16.4	1228.3
11/23/2016	14:30:00	0	88.715	16.4	1229.4
11/23/2016	14:45:00	0	88.719	16.4	1228.3
11/23/2016	15:00:00	0	88.72	16.4	1229.4
11/23/2016	15:15:00	0	88.721	16.4	1230.6
11/23/2016	15:30:00	0	88.737	16.4	1228.3
11/23/2016	15:45:00	0	88.722	16.4	1227.1
11/23/2016	16:00:00	0	88.742	16.4	1228.3
11/23/2016	16:15:00	0	88.761	16.4	1228.3

11/23/2016	16:30:00	0	88.748	16.4	1228.3
11/23/2016	16:45:00	0	88.745	16.4	1230.6
11/23/2016	17:00:00	0	88.718	16.4	1228.3
11/23/2016	17:15:00	0	88.711	16.4	1228.3
11/23/2016	17:30:00	0	88.727	16.4	1229.4
11/23/2016	17:45:00	0	88.744	16.4	1228.3
11/23/2016	18:00:00	0	88.724	16.4	1228.3
11/23/2016	18:15:00	0	88.7	16.4	1225.9
11/23/2016	18:30:00	0	88.716	16.4	1229.4
11/23/2016	18:45:00	0	88.751	16.4	1228.3
11/23/2016	19:00:00	0	88.745	16.4	1228.3
11/23/2016	19:15:00	0	88.725	16.4	1229.4
11/23/2016	19:30:00	0	88.761	16.4	1227.1
11/23/2016	19:45:00	0	88.741	16.4	1228.3
11/23/2016	20:00:00	0	88.738	16.4	1228.3
11/23/2016	20:15:00	0	88.741	16.4	1227.1
11/23/2016	20:30:00	0	88.736	16.4	1229.4
11/23/2016	20:45:00	0	88.733	16.4	1228.3
11/23/2016	21:00:00	0	88.71	16.4	1228.3
11/23/2016	21:15:00	0	88.772	16.4	1228.3
11/23/2016	21:30:00	0	88.746	16.4	1230.6
11/23/2016	21:45:00	0	88.722	16.4	1228.3
11/23/2016	22:00:00	0	88.704	16.4	1228.3
11/23/2016	22:15:00	0	88.744	16.4	1228.3
11/23/2016	22:30:00	0	88.72	16.4	1227.1
11/23/2016	22:45:00	0	88.704	16.4	1227.1
11/23/2016	23:00:00	0	88.718	16.4	1227.1
11/23/2016	23:15:00	0	88.715	16.4	1228.3
11/23/2016	23:30:00	0	88.735	16.4	1228.3
11/23/2016	23:45:00	0	88.734	16.4	1227.1

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
11/17/2016	0:00:00	0	27.599	16.2	2060.4
11/17/2016	0:15:00	0	27.577	16.2	2058
11/17/2016	0:30:00	0	27.576	16.2	2059.2
11/17/2016	0:45:00	0	27.517	16.2	2059.2
11/17/2016	1:00:00	0	27.586	16.2	2059.2
11/17/2016	1:15:00	0	27.567	16.2	2059.2
11/17/2016	1:30:00	0	27.57	16.2	2059.2
11/17/2016	1:45:00	0	27.566	16.2	2059.2
11/17/2016	2:00:00	0	27.558	16.2	2059.2
11/17/2016	2:15:00	0	27.565	16.2	2059.2
11/17/2016	2:30:00	0	27.6	16.2	2059.2
11/17/2016	2:45:00	0	27.601	16.2	2059.2
11/17/2016	3:00:00	0	27.58	16.2	2059.2
11/17/2016	3:15:00	0	27.601	16.2	2059.2
11/17/2016	3:30:00	0	27.578	16.2	2059.2
11/17/2016	3:45:00	0	27.581	16.2	2058
11/17/2016	4:00:00	0	27.604	16.2	2059.2
11/17/2016	4:15:00	0	27.585	16.2	2059.2
11/17/2016	4:30:00	0	27.58	16.2	2059.2
11/17/2016	4:45:00	0	27.554	16.2	2059.2
11/17/2016	5:00:00	0	27.57	16.2	2059.2
11/17/2016	5:15:00	0	27.564	16.2	2059.2
11/17/2016	5:30:00	0	27.564	16.2	2060.4
11/17/2016	5:45:00	0	27.547	16.2	2060.4
11/17/2016	6:00:00	0	27.59	16.2	2060.4
11/17/2016	6:15:00	0	27.59	16.2	2060.4
11/17/2016	6:30:00	0	27.545	16.2	2059.2
11/17/2016	6:45:00	0	27.579	16.2	2059.2
11/17/2016	7:00:00	0	27.577	16.2	2060.4
11/17/2016	7:15:00	0	27.548	16.2	2062.7
11/17/2016	7:30:00	0	27.598	16.2	2060.4

11/17/2016	7:45:00	0	27.557	16.2	2060.4
11/17/2016	8:00:00	0	27.566	16.2	2060.4
11/17/2016	8:15:00	0	27.538	16.2	2059.2
11/17/2016	8:30:00	0	27.513	16.2	2059.2
11/17/2016	8:45:00	0	27.574	16.2	2059.2
11/17/2016	9:00:00	0	27.593	16.2	2059.2
11/17/2016	9:15:00	0	27.498	16.2	2059.2
11/17/2016	9:30:00	0	27.556	16.2	2060.4
11/17/2016	9:45:00	0	27.519	16.2	2059.2
11/17/2016	10:00:00	0	27.576	16.2	2059.2
11/17/2016	10:15:00	0	27.52	16.2	2060.4
11/17/2016	10:30:00	0	27.551	16.2	2060.4
11/17/2016	10:45:00	0	27.55	16.2	2060.4
11/17/2016	11:00:00	0	27.556	16.2	2060.4
11/17/2016	11:15:00	0	27.536	16.2	2060.4
11/17/2016	11:30:00	0	27.579	16.2	2059.2
11/17/2016	11:45:00	0	27.549	16.2	2060.4
11/17/2016	12:00:00	0	27.559	16.2	2059.2
11/17/2016	12:15:00	0	27.568	16.2	2060.4
11/17/2016	12:30:00	0	27.611	16.2	2060.4
11/17/2016	12:45:00	0	27.575	16.2	2060.4
11/17/2016	13:00:00	0	27.583	16.2	2062.7
11/17/2016	13:15:00	0	27.63	16.2	2060.4
11/17/2016	13:30:00	0	27.6	16.2	2060.4
11/17/2016	13:45:00	0	27.623	16.2	2060.4
11/17/2016	14:00:00	0	27.582	16.2	2059.2
11/17/2016	14:15:00	0	27.576	16.2	2059.2
11/17/2016	14:30:00	0	27.546	16.1	2062.7
11/17/2016	14:45:00	0	27.626	16.2	2060.4
11/17/2016	15:00:00	0	27.548	16.2	2059.2
11/17/2016	15:15:00	0	27.589	16.2	2059.2
11/17/2016	15:30:00	0	27.553	16.2	2060.4
11/17/2016	15:45:00	0	27.554	16.2	2059.2
11/17/2016	16:00:00	0	27.596	16.2	2052.1
11/17/2016	16:15:00	0	27.596	16.2	2054.5
11/17/2016	16:30:00	0	27.636	16.2	2056.8
11/17/2016	16:45:00	0	27.599	16.2	2056.8
11/17/2016	17:00:00	0	27.559	16.2	2058
11/17/2016	17:15:00	0	27.561	16.2	2058
11/17/2016	17:30:00	0	27.578	16.2	2059.2
11/17/2016	17:45:00	0	27.599	16.2	2060.4
11/17/2016	18:00:00	0	27.579	16.2	2060.4
11/17/2016	18:15:00	0	27.596	16.2	2063.9
11/17/2016	18:30:00	0	27.596	16.2	2066.2
11/17/2016	18:45:00	0	27.576	16.2	2066.2
11/17/2016	19:00:00	0	27.552	16.2	2068.6
11/17/2016	19:15:00	0	27.574	16.2	2068.6

11/17/2016	19:30:00	0	27.594	16.2	2070.9
11/17/2016	19:45:00	0	27.613	16.2	2070.9
11/17/2016	20:00:00	0	27.535	16.2	2070.9
11/17/2016	20:15:00	0	27.539	16.2	2070.9
11/17/2016	20:30:00	0	27.577	16.2	2070.9
11/17/2016	20:45:00	0	27.575	16.2	2070.9
11/17/2016	21:00:00	0	27.554	16.2	2070.9
11/17/2016	21:15:00	0	27.556	16.2	2069.8
11/17/2016	21:30:00	0	27.542	16.2	2069.8
11/17/2016	21:45:00	0	27.543	16.2	2069.8
11/17/2016	22:00:00	0	27.565	16.2	2070.9
11/17/2016	22:15:00	0	27.586	16.2	2070.9
11/17/2016	22:30:00	0	27.602	16.2	2069.8
11/17/2016	22:45:00	0	27.566	16.2	2069.8
11/17/2016	23:00:00	0	27.566	16.2	2068.6
11/17/2016	23:15:00	0	27.56	16.2	2069.8
11/17/2016	23:30:00	0	27.623	16.2	2069.8
11/17/2016	23:45:00	0	27.605	16.2	2069.8
11/18/2016	0:00:00	0	27.566	16.2	2068.6
11/18/2016	0:15:00	0	27.568	16.2	2068.6
11/18/2016	0:30:00	0	27.63	16.2	2068.6
11/18/2016	0:45:00	0	27.615	16.2	2068.6
11/18/2016	1:00:00	0	27.581	16.2	2066.2
11/18/2016	1:15:00	0	27.567	16.2	2068.6
11/18/2016	1:30:00	0	27.591	16.2	2066.2
11/18/2016	1:45:00	0	27.589	16.2	2068.6
11/18/2016	2:00:00	0	27.623	16.2	2068.6
11/18/2016	2:15:00	0	27.604	16.2	2066.2
11/18/2016	2:30:00	0	27.603	16.2	2066.2
11/18/2016	2:45:00	0	27.623	16.2	2068.6
11/18/2016	3:00:00	0	27.603	16.2	2068.6
11/18/2016	3:15:00	0	27.585	16.2	2066.2
11/18/2016	3:30:00	0	27.564	16.2	2066.2
11/18/2016	3:45:00	0	27.572	16.2	2068.6
11/18/2016	4:00:00	0	27.592	16.2	2068.6
11/18/2016	4:15:00	0	27.591	16.2	2066.2
11/18/2016	4:30:00	0	27.646	16.2	2066.2
11/18/2016	4:45:00	0	27.546	16.2	2066.2
11/18/2016	5:00:00	0	27.647	16.2	2066.2
11/18/2016	5:15:00	0	27.607	16.2	2066.2
11/18/2016	5:30:00	0	27.612	16.2	2065.1
11/18/2016	5:45:00	0	27.562	16.2	2066.2
11/18/2016	6:00:00	0	27.582	16.2	2066.2
11/18/2016	6:15:00	0	27.626	16.2	2065.1
11/18/2016	6:30:00	0	27.604	16.1	2068.6
11/18/2016	6:45:00	0	27.577	16.2	2063.9
11/18/2016	7:00:00	0	27.612	16.2	2065.1

11/18/2016	7:15:00	0	27.551	16.2	2066.2
11/18/2016	7:30:00	0	27.582	16.2	2065.1
11/18/2016	7:45:00	0	27.535	16.2	2065.1
11/18/2016	8:00:00	0	27.543	16.2	2065.1
11/18/2016	8:15:00	0	27.574	16.2	2065.1
11/18/2016	8:30:00	0	27.584	16.2	2066.2
11/18/2016	8:45:00	0	27.519	16.2	2065.1
11/18/2016	9:00:00	0	27.52	16.2	2065.1
11/18/2016	9:15:00	0	27.575	16.2	2065.1
11/18/2016	9:30:00	0	27.558	16.2	2065.1
11/18/2016	9:45:00	0	27.537	16.2	2065.1
11/18/2016	10:00:00	0	27.558	16.2	2065.1
11/18/2016	10:15:00	0	27.561	16.2	2065.1
11/18/2016	10:30:00	0	27.531	16.2	2065.1
11/18/2016	10:45:00	0	27.575	16.2	2063.9
11/18/2016	11:00:00	0	27.584	16.2	2063.9
11/18/2016	11:15:00	0	27.59	16.2	2065.1
11/18/2016	11:30:00	0	27.6	16.2	2065.1
11/18/2016	11:45:00	0	27.626	16.2	2063.9
11/18/2016	12:00:00	0	27.615	16.2	2063.9
11/18/2016	12:15:00	0	27.582	16.2	2063.9
11/18/2016	12:30:00	0	27.654	16.2	2063.9
11/18/2016	12:45:00	0	27.608	16.2	2063.9
11/18/2016	13:00:00	0	27.612	16.2	2063.9
11/18/2016	13:15:00	0	27.66	16.2	2063.9
11/18/2016	13:30:00	0	27.585	16.2	2065.1
11/18/2016	13:45:00	0	27.569	16.2	2063.9
11/18/2016	14:00:00	0	27.595	16.2	2063.9
11/18/2016	14:15:00	0	27.558	16.2	2065.1
11/18/2016	14:30:00	0	27.622	16.2	2063.9
11/18/2016	14:45:00	0	27.606	16.2	2062.7
11/18/2016	15:00:00	0	27.591	16.2	2062.7
11/18/2016	15:15:00	0	27.63	16.2	2062.7
11/18/2016	15:30:00	0	27.589	16.2	2063.9
11/18/2016	15:45:00	0	27.548	16.2	2062.7
11/18/2016	16:00:00	0	27.609	16.2	2065.1
11/18/2016	16:15:00	0	27.585	16.2	2062.7
11/18/2016	16:30:00	0	27.637	16.2	2062.7
11/18/2016	16:45:00	0	27.598	16.2	2062.7
11/18/2016	17:00:00	0	27.599	16.1	2067.4
11/18/2016	17:15:00	0	27.6	16.1	2063.9
11/18/2016	17:30:00	0	27.552	16.2	2063.9
11/18/2016	17:45:00	0	27.59	16.2	2060.4
11/18/2016	18:00:00	0	27.569	16.2	2060.4
11/18/2016	18:15:00	0	27.548	16.2	2062.7
11/18/2016	18:30:00	0	27.567	16.2	2062.7
11/18/2016	18:45:00	0	27.549	16.2	2063.9

11/18/2016	19:00:00	0	27.546	16.1	2062.7
11/18/2016	19:15:00	0	27.546	16.2	2059.2
11/18/2016	19:30:00	0	27.624	16.2	2063.9
11/18/2016	19:45:00	0	27.563	16.2	2060.4
11/18/2016	20:00:00	0	27.542	16.2	2060.4
11/18/2016	20:15:00	0	27.518	16.2	2060.4
11/18/2016	20:30:00	0	27.516	16.2	2063.9
11/18/2016	20:45:00	0	27.594	16.2	2062.7
11/18/2016	21:00:00	0	27.589	16.2	2062.7
11/18/2016	21:15:00	0	27.53	16.2	2062.7
11/18/2016	21:30:00	0	27.53	16.2	2062.7
11/18/2016	21:45:00	0	27.548	16.2	2060.4
11/18/2016	22:00:00	0	27.627	16.2	2060.4
11/18/2016	22:15:00	0	27.588	16.2	2062.7
11/18/2016	22:30:00	0	27.547	16.2	2062.7
11/18/2016	22:45:00	0	27.573	16.2	2062.7
11/18/2016	23:00:00	0	27.631	16.2	2062.7
11/18/2016	23:15:00	0	27.571	16.2	2063.9
11/18/2016	23:30:00	0	27.607	16.2	2062.7
11/18/2016	23:45:00	0	27.547	16.2	2062.7
11/19/2016	0:00:00	0	27.587	16.2	2063.9
11/19/2016	0:15:00	0	27.591	16.2	2063.9
11/19/2016	0:30:00	0	27.57	16.2	2063.9
11/19/2016	0:45:00	0	27.55	16.2	2065.1
11/19/2016	1:00:00	0	27.589	16.2	2063.9
11/19/2016	1:15:00	0	27.59	16.2	2063.9
11/19/2016	1:30:00	0	27.61	16.2	2063.9
11/19/2016	1:45:00	0	27.594	16.2	2062.7
11/19/2016	2:00:00	0	27.595	16.2	2063.9
11/19/2016	2:15:00	0	27.615	16.2	2063.9
11/19/2016	2:30:00	0	27.595	16.2	2065.1
11/19/2016	2:45:00	0	27.519	16.2	2065.1
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11/22/2016	0:45:00	0	27.548	16.2	2059.2
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11/22/2016	1:30:00	0	27.576	16.1	2062.7
11/22/2016	1:45:00	0	27.577	16.2	2059.2
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11/22/2016	2:15:00	0	27.55	16.2	2059.2
11/22/2016	2:30:00	0	27.572	16.2	2060.4
11/22/2016	2:45:00	0	27.53	16.2	2060.4
11/22/2016	3:00:00	0	27.515	16.2	2060.4
11/22/2016	3:15:00	0	27.554	16.2	2059.2
11/22/2016	3:30:00	0	27.535	16.2	2059.2
11/22/2016	3:45:00	0	27.534	16.2	2059.2
11/22/2016	4:00:00	0	27.551	16.2	2062.7
11/22/2016	4:15:00	0	27.529	16.2	2060.4
11/22/2016	4:30:00	0	27.525	16.2	2060.4
11/22/2016	4:45:00	0	27.565	16.2	2059.2
11/22/2016	5:00:00	0	27.568	16.2	2059.2

11/22/2016	5:15:00	0	27.56	16.2	2059.2
11/22/2016	5:30:00	0	27.558	16.2	2062.7
11/22/2016	5:45:00	0	27.517	16.2	2060.4
11/22/2016	6:00:00	0	27.556	16.2	2060.4
11/22/2016	6:15:00	0	27.559	16.2	2059.2
11/22/2016	6:30:00	0	27.553	16.2	2059.2
11/22/2016	6:45:00	0	27.533	16.2	2059.2
11/22/2016	7:00:00	0	27.565	16.2	2060.4
11/22/2016	7:15:00	0	27.555	16.2	2060.4
11/22/2016	7:30:00	0	27.511	16.2	2060.4
11/22/2016	7:45:00	0	27.506	16.1	2062.7
11/22/2016	8:00:00	0	27.539	16.2	2059.2
11/22/2016	8:15:00	0	27.496	16.2	2059.2
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11/22/2016	8:45:00	0	27.528	16.2	2058
11/22/2016	9:00:00	0	27.506	16.2	2059.2
11/22/2016	9:15:00	0	27.52	16.2	2060.4
11/22/2016	9:30:00	0	27.502	16.2	2059.2
11/22/2016	9:45:00	0	27.479	16.2	2059.2
11/22/2016	10:00:00	0	27.499	16.2	2059.2
11/22/2016	10:15:00	0	27.545	16.2	2059.2
11/22/2016	10:30:00	0	27.542	16.2	2059.2
11/22/2016	10:45:00	0	27.53	16.2	2059.2
11/22/2016	11:00:00	0	27.537	16.2	2059.2
11/22/2016	11:15:00	0	27.544	16.2	2059.2
11/22/2016	11:30:00	0	27.556	16.2	2059.2
11/22/2016	11:45:00	0	27.621	16.2	2059.2
11/22/2016	12:00:00	0	27.592	16.2	2059.2
11/22/2016	12:15:00	0	27.559	16.2	2059.2
11/22/2016	12:30:00	0	27.58	16.2	2059.2
11/22/2016	12:45:00	0	27.602	16.1	2062.7
11/22/2016	13:00:00	0	27.565	16.2	2059.2
11/22/2016	13:15:00	0	27.584	16.2	2060.4
11/22/2016	13:30:00	0	27.565	16.2	2060.4
11/22/2016	13:45:00	0	27.568	16.2	2060.4
11/22/2016	14:00:00	0	27.55	16.2	2059.2
11/22/2016	14:15:00	0	27.532	16.2	2060.4
11/22/2016	14:30:00	0	27.531	16.2	2059.2
11/22/2016	14:45:00	0	27.549	16.2	2059.2
11/22/2016	15:00:00	0	27.53	16.2	2060.4
11/22/2016	15:15:00	0	27.531	16.2	2060.4
11/22/2016	15:30:00	0	27.57	16.2	2060.4
11/22/2016	15:45:00	0	27.549	16.2	2060.4
11/22/2016	16:00:00	0	27.572	16.2	2060.4
11/22/2016	16:15:00	0	27.569	16.2	2060.4
11/22/2016	16:30:00	0	27.567	16.2	2060.4
11/22/2016	16:45:00	0	27.532	16.2	2059.2

11/22/2016	17:00:00	0	27.552	16.2	2060.4
11/22/2016	17:15:00	0	27.532	16.2	2060.4
11/22/2016	17:30:00	0	27.571	16.1	2062.7
11/22/2016	17:45:00	0	27.566	16.2	2059.2
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11/22/2016	19:30:00	0	27.542	16.2	2059.2
11/22/2016	19:45:00	0	27.56	16.2	2059.2
11/22/2016	20:00:00	0	27.555	16.2	2059.2
11/22/2016	20:15:00	0	27.542	16.2	2060.4
11/22/2016	20:30:00	0	27.565	16.2	2059.2
11/22/2016	20:45:00	0	27.588	16.2	2058
11/22/2016	21:00:00	0	27.592	16.2	2059.2
11/22/2016	21:15:00	0	27.59	16.2	2059.2
11/22/2016	21:30:00	0	27.55	16.2	2059.2
11/22/2016	21:45:00	0	27.549	16.2	2059.2
11/22/2016	22:00:00	0	27.61	16.2	2059.2
11/22/2016	22:15:00	0	27.55	16.2	2059.2
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11/22/2016	23:15:00	0	27.545	16.2	2059.2
11/22/2016	23:30:00	0	27.546	16.2	2058
11/22/2016	23:45:00	0	27.509	16.2	2059.2
11/23/2016	0:00:00	0	27.552	16.2	2059.2
11/23/2016	0:15:00	0	27.552	16.2	2059.2
11/23/2016	0:30:00	0	27.549	16.1	2062.7
11/23/2016	0:45:00	0	27.518	16.2	2059.2
11/23/2016	1:00:00	0	27.597	16.2	2059.2
11/23/2016	1:15:00	0	27.581	16.2	2059.2
11/23/2016	1:30:00	0	27.574	16.2	2059.2
11/23/2016	1:45:00	0	27.572	16.2	2059.2
11/23/2016	2:00:00	0	27.564	16.2	2059.2
11/23/2016	2:15:00	0	27.577	16.2	2059.2
11/23/2016	2:30:00	0	27.559	16.1	2062.7
11/23/2016	2:45:00	0	27.572	16.2	2059.2
11/23/2016	3:00:00	0	27.512	16.1	2062.7
11/23/2016	3:15:00	0	27.569	16.2	2059.2
11/23/2016	3:30:00	0	27.535	16.2	2059.2
11/23/2016	3:45:00	0	27.542	16.1	2062.7
11/23/2016	4:00:00	0	27.514	16.2	2059.2
11/23/2016	4:15:00	0	27.524	16.2	2059.2
11/23/2016	4:30:00	0	27.494	16.2	2059.2

11/23/2016	4:45:00	0	27.527	16.2	2058
11/23/2016	5:00:00	0	27.482	16.1	2061.5
11/23/2016	5:15:00	0	27.517	16.2	2058
11/23/2016	5:30:00	0	27.491	16.2	2059.2
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11/23/2016	6:00:00	0	27.527	16.2	2059.2
11/23/2016	6:15:00	0	27.565	16.1	2061.5
11/23/2016	6:30:00	0	27.541	16.2	2059.2
11/23/2016	6:45:00	0	27.516	16.2	2059.2
11/23/2016	7:00:00	0	27.529	16.2	2059.2
11/23/2016	7:15:00	0	27.499	16.2	2059.2
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11/23/2016	8:15:00	0	27.524	16.2	2058
11/23/2016	8:30:00	0	27.478	16.2	2059.2
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11/23/2016	9:00:00	0	27.502	16.2	2059.2
11/23/2016	9:15:00	0	27.486	16.2	2058
11/23/2016	9:30:00	0	27.442	16.1	2061.5
11/23/2016	9:45:00	0	27.442	16.2	2059.2
11/23/2016	10:00:00	0	27.489	16.2	2059.2
11/23/2016	10:15:00	0	27.485	16.1	2063.9
11/23/2016	10:30:00	0	27.506	16.2	2059.2
11/23/2016	10:45:00	0	27.485	16.2	2058
11/23/2016	11:00:00	0	27.451	16.2	2058
11/23/2016	11:15:00	0	27.518	16.2	2059.2
11/23/2016	11:30:00	0	27.481	16.2	2058
11/23/2016	11:45:00	0	27.527	16.2	2059.2
11/23/2016	12:00:00	0	27.596	16.2	2059.2
11/23/2016	12:15:00	0	27.524	16.2	2059.2
11/23/2016	12:30:00	0	27.59	16.2	2059.2
11/23/2016	12:45:00	0	27.515	16.2	2060.4
11/23/2016	13:00:00	0	27.542	16.2	2059.2
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11/23/2016	13:45:00	0	27.575	16.1	2061.5
11/23/2016	14:00:00	0	27.554	16.1	2062.7
11/23/2016	14:15:00	0	27.53	16.2	2059.2
11/23/2016	14:30:00	0	27.534	16.2	2058
11/23/2016	14:45:00	0	27.538	16.2	2058
11/23/2016	15:00:00	0	27.559	16.2	2059.2
11/23/2016	15:15:00	0	27.52	16.2	2059.2
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11/23/2016	15:45:00	0	27.561	16.2	2059.2
11/23/2016	16:00:00	0	27.521	16.2	2059.2
11/23/2016	16:15:00	0	27.541	16.2	2059.2

11/23/2016	16:30:00	0	27.527	16.2	2059.2
11/23/2016	16:45:00	0	27.524	16.1	2061.5
11/23/2016	17:00:00	0	27.557	16.2	2058
11/23/2016	17:15:00	0	27.55	16.2	2059.2
11/23/2016	17:30:00	0	27.546	16.1	2062.7
11/23/2016	17:45:00	0	27.504	16.2	2058
11/23/2016	18:00:00	0	27.543	16.2	2059.2
11/23/2016	18:15:00	0	27.558	16.2	2059.2
11/23/2016	18:30:00	0	27.535	16.2	2059.2
11/23/2016	18:45:00	0	27.511	16.2	2059.2
11/23/2016	19:00:00	0	27.564	16.2	2059.2
11/23/2016	19:15:00	0	27.544	16.2	2058
11/23/2016	19:30:00	0	27.521	16.2	2059.2
11/23/2016	19:45:00	0	27.54	16.2	2059.2
11/23/2016	20:00:00	0	27.518	16.2	2059.2
11/23/2016	20:15:00	0	27.56	16.2	2058
11/23/2016	20:30:00	0	27.575	16.2	2058
11/23/2016	20:45:00	0	27.532	16.2	2058
11/23/2016	21:00:00	0	27.529	16.2	2058
11/23/2016	21:15:00	0	27.552	16.2	2059.2
11/23/2016	21:30:00	0	27.566	16.2	2060.4
11/23/2016	21:45:00	0	27.521	16.2	2059.2
11/23/2016	22:00:00	0	27.523	16.2	2059.2
11/23/2016	22:15:00	0	27.523	16.2	2059.2
11/23/2016	22:30:00	0	27.519	16.2	2058
11/23/2016	22:45:00	0	27.543	16.2	2059.2
11/23/2016	23:00:00	0	27.537	16.2	2059.2
11/23/2016	23:15:00	0	27.495	16.1	2061.5
11/23/2016	23:30:00	0	27.534	16.2	2059.2
11/23/2016	23:45:00	0	27.533	16.2	2059.2

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
11/17/2016	0:00:00	0	152.067	16.1	2590.4
11/17/2016	0:15:00	0	152.046	16.1	2589.2
11/17/2016	0:30:00	0	152.064	16.1	2589.2
11/17/2016	0:45:00	0	152.084	16.1	2589.2
11/17/2016	1:00:00	0	152.114	16.1	2589.2
11/17/2016	1:15:00	0	152.075	16.1	2590.4
11/17/2016	1:30:00	0	152.059	16.1	2589.2
11/17/2016	1:45:00	0	152.094	16.1	2589.2
11/17/2016	2:00:00	0	152.066	16.1	2589.2
11/17/2016	2:15:00	0	152.073	16.1	2589.2
11/17/2016	2:30:00	0	152.029	16.1	2589.2
11/17/2016	2:45:00	0	152.03	16.1	2589.2
11/17/2016	3:00:00	0	152.009	16.1	2589.2
11/17/2016	3:15:00	0	152.01	16.1	2589.2
11/17/2016	3:30:00	0	152.047	16.1	2589.2
11/17/2016	3:45:00	0	152.01	16.1	2589.2
11/17/2016	4:00:00	0	152.013	16.1	2589.2
11/17/2016	4:15:00	0	152.034	16.1	2588.1
11/17/2016	4:30:00	0	152.009	16.1	2588.1
11/17/2016	4:45:00	0	152.023	16.1	2589.2
11/17/2016	5:00:00	0	152.019	16.1	2589.2
11/17/2016	5:15:00	0	152.013	16.1	2588.1
11/17/2016	5:30:00	0	152.092	16.1	2588.1
11/17/2016	5:45:00	0	152.075	16.1	2589.2
11/17/2016	6:00:00	0	152.058	16.1	2589.2
11/17/2016	6:15:00	0	152.078	16.1	2588.1
11/17/2016	6:30:00	0	152.034	16.1	2589.2
11/17/2016	6:45:00	0	152.067	16.1	2589.2
11/17/2016	7:00:00	0	152.045	16.1	2588.1
11/17/2016	7:15:00	0	152.056	16.1	2588.1
11/17/2016	7:30:00	0	152.086	16.1	2588.1

11/17/2016	7:45:00	0	152.025	16.1	2588.1
11/17/2016	8:00:00	0	152.015	16.1	2588.1
11/17/2016	8:15:00	0	151.967	16.1	2588.1
11/17/2016	8:30:00	0	152.002	16.1	2588.1
11/17/2016	8:45:00	0	151.984	16.1	2588.1
11/17/2016	9:00:00	0	151.943	16.1	2588.1
11/17/2016	9:15:00	0	151.927	16.1	2588.1
11/17/2016	9:30:00	0	151.926	16.1	2588.1
11/17/2016	9:45:00	0	151.928	16.1	2588.1
11/17/2016	10:00:00	0	151.907	16.1	2589.2
11/17/2016	10:15:00	0	151.89	16.1	2589.2
11/17/2016	10:30:00	0	151.881	16.1	2589.2
11/17/2016	10:45:00	0	151.821	16.1	2589.2
11/17/2016	11:00:00	0	151.847	16.1	2589.2
11/17/2016	11:15:00	0	151.867	16.1	2589.2
11/17/2016	11:30:00	0	151.871	16.1	2589.2
11/17/2016	11:45:00	0	151.86	16.1	2589.2
11/17/2016	12:00:00	0	151.87	16.1	2589.2
11/17/2016	12:15:00	0	151.918	16.1	2590.4
11/17/2016	12:30:00	0	151.883	16.1	2590.4
11/17/2016	12:45:00	0	151.906	16.1	2590.4
11/17/2016	13:00:00	0	151.914	16.1	2589.2
11/17/2016	13:15:00	0	151.922	16.1	2590.4
11/17/2016	13:30:00	0	151.891	16.1	2603.4
11/17/2016	13:45:00	0	151.894	16.1	2604.6
11/17/2016	14:00:00	0	151.854	16.1	2603.4
11/17/2016	14:15:00	0	151.927	16.1	2604.6
11/17/2016	14:30:00	0	151.936	16.1	2604.6
11/17/2016	14:45:00	0	151.878	16.1	2603.4
11/17/2016	15:00:00	0	151.859	16.1	2603.4
11/17/2016	15:15:00	0	151.881	16.1	2603.4
11/17/2016	15:30:00	0	151.864	16.1	2602.2
11/17/2016	15:45:00	0	151.865	16.1	2602.2
11/17/2016	16:00:00	0	151.868	16.1	2602.2
11/17/2016	16:15:00	0	151.888	16.1	2602.2
11/17/2016	16:30:00	0	151.868	16.1	2601
11/17/2016	16:45:00	0	151.832	16.1	2602.2
11/17/2016	17:00:00	0	151.909	16.1	2601
11/17/2016	17:15:00	0	151.872	16.1	2601
11/17/2016	17:30:00	0	151.908	16.1	2599.8
11/17/2016	17:45:00	0	151.91	16.1	2599.8
11/17/2016	18:00:00	0	151.87	16.1	2599.8
11/17/2016	18:15:00	0	151.907	16.1	2597.5
11/17/2016	18:30:00	0	151.907	16.1	2597.5
11/17/2016	18:45:00	0	151.906	16.1	2599.8
11/17/2016	19:00:00	0	151.942	16.1	2597.5
11/17/2016	19:15:00	0	151.963	16.1	2597.5

11/17/2016	19:30:00	0	151.925	16.1	2597.5
11/17/2016	19:45:00	0	151.983	16.1	2597.5
11/17/2016	20:00:00	0	152.004	16.1	2597.5
11/17/2016	20:15:00	0	151.988	16.1	2597.5
11/17/2016	20:30:00	0	152.006	16.1	2597.5
11/17/2016	20:45:00	0	152.023	16.1	2597.5
11/17/2016	21:00:00	0	152.003	16.1	2596.3
11/17/2016	21:15:00	0	152.005	16.1	2596.3
11/17/2016	21:30:00	0	152.011	16.1	2597.5
11/17/2016	21:45:00	0	152.031	16.1	2596.3
11/17/2016	22:00:00	0	152.014	16.1	2596.3
11/17/2016	22:15:00	0	152.074	16.1	2596.3
11/17/2016	22:30:00	0	152.032	16.1	2596.3
11/17/2016	22:45:00	0	152.054	16.1	2596.3
11/17/2016	23:00:00	0	151.975	16.1	2596.3
11/17/2016	23:15:00	0	152.028	16.1	2595.1
11/17/2016	23:30:00	0	151.993	16.1	2596.3
11/17/2016	23:45:00	0	151.956	16.1	2596.3
11/18/2016	0:00:00	0	151.975	16.1	2595.1
11/18/2016	0:15:00	0	151.938	16.1	2595.1
11/18/2016	0:30:00	0	151.941	16.1	2595.1
11/18/2016	0:45:00	0	151.907	16.1	2595.1
11/18/2016	1:00:00	0	151.892	16.1	2594
11/18/2016	1:15:00	0	151.898	16.1	2594
11/18/2016	1:30:00	0	151.94	16.1	2595.1
11/18/2016	1:45:00	0	151.9	16.1	2594
11/18/2016	2:00:00	0	151.876	16.1	2595.1
11/18/2016	2:15:00	0	151.896	16.1	2595.1
11/18/2016	2:30:00	0	151.855	16.1	2594
11/18/2016	2:45:00	0	151.875	16.1	2594
11/18/2016	3:00:00	0	151.874	16.1	2594
11/18/2016	3:15:00	0	151.916	16.1	2594
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11/18/2016	3:45:00	0	151.824	16.1	2594
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11/20/2016	16:45:00	0	152.5	16.1	2583.4
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11/20/2016	23:45:00	0	152.323	16.1	2584.5
11/21/2016	0:00:00	0	152.332	16.1	2584.5
11/21/2016	0:15:00	0	152.328	16.1	2584.5
11/21/2016	0:30:00	0	152.339	16.1	2584.5
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11/21/2016	1:00:00	0	152.376	16.1	2586.9
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11/21/2016	1:30:00	0	152.409	16.1	2586.9
11/21/2016	1:45:00	0	152.485	16.1	2586.9
11/21/2016	2:00:00	0	152.446	16.1	2586.9
11/21/2016	2:15:00	0	152.464	16.1	2586.9
11/21/2016	2:30:00	0	152.485	16.1	2586.9
11/21/2016	2:45:00	0	152.467	16.1	2586.9
11/21/2016	3:00:00	0	152.464	16.1	2586.9
11/21/2016	3:15:00	0	152.446	16.1	2586.9
11/21/2016	3:30:00	0	152.426	16.1	2586.9
11/21/2016	3:45:00	0	152.462	16.1	2586.9
11/21/2016	4:00:00	0	152.496	16.1	2586.9
11/21/2016	4:15:00	0	152.456	16.1	2584.5
11/21/2016	4:30:00	0	152.492	16.1	2584.5
11/21/2016	4:45:00	0	152.412	16.1	2584.5
11/21/2016	5:00:00	0	152.486	16.1	2586.9
11/21/2016	5:15:00	0	152.461	16.1	2586.9
11/21/2016	5:30:00	0	152.474	16.1	2586.9

11/21/2016	5:45:00	0	152.491	16.1	2588.1
11/21/2016	6:00:00	0	152.462	16.1	2586.9
11/21/2016	6:15:00	0	152.495	16.1	2586.9
11/21/2016	6:30:00	0	152.468	16.1	2586.9
11/21/2016	6:45:00	0	152.481	16.1	2586.9
11/21/2016	7:00:00	0	152.533	16.1	2586.9
11/21/2016	7:15:00	0	152.469	16.1	2586.9
11/21/2016	7:30:00	0	152.485	16.1	2586.9
11/21/2016	7:45:00	0	152.495	16.1	2586.9
11/21/2016	8:00:00	0	152.471	16.1	2586.9
11/21/2016	8:15:00	0	152.462	16.1	2586.9
11/21/2016	8:30:00	0	152.434	16.1	2584.5
11/21/2016	8:45:00	0	152.429	16.1	2584.5
11/21/2016	9:00:00	0	152.445	16.1	2584.5
11/21/2016	9:15:00	0	152.486	16.1	2584.5
11/21/2016	9:30:00	0	152.443	16.1	2583.4
11/21/2016	9:45:00	0	152.473	16.1	2584.5
11/21/2016	10:00:00	0	152.509	16.1	2584.5
11/21/2016	10:15:00	0	152.491	16.1	2583.4
11/21/2016	10:30:00	0	152.488	16.1	2583.4
11/21/2016	10:45:00	0	152.491	16.1	2583.4
11/21/2016	11:00:00	0	152.509	16.1	2583.4
11/21/2016	11:15:00	0	152.474	16.1	2583.4
11/21/2016	11:30:00	0	152.477	16.1	2583.4
11/21/2016	11:45:00	0	152.501	16.1	2583.4
11/21/2016	12:00:00	0	152.478	16.1	2583.4
11/21/2016	12:15:00	0	152.482	16.1	2583.4
11/21/2016	12:30:00	0	152.519	16.1	2583.4
11/21/2016	12:45:00	0	152.543	16.1	2582.2
11/21/2016	13:00:00	0	152.546	16.1	2582.2
11/21/2016	13:15:00	0	152.525	16.1	2582.2
11/21/2016	13:30:00	0	152.546	16.1	2582.2
11/21/2016	13:45:00	0	152.545	16.1	2582.2
11/21/2016	14:00:00	0	152.52	16.1	2582.2
11/21/2016	14:15:00	0	152.562	16.1	2582.2
11/21/2016	14:30:00	0	152.54	16.1	2582.2
11/21/2016	14:45:00	0	152.516	16.1	2582.2
11/21/2016	15:00:00	0	152.516	16.1	2582.2
11/21/2016	15:15:00	0	152.551	16.1	2582.2
11/21/2016	15:30:00	0	152.512	16.1	2582.2
11/21/2016	15:45:00	0	152.551	16.1	2582.2
11/21/2016	16:00:00	0	152.532	16.1	2582.2
11/21/2016	16:15:00	0	152.548	16.1	2582.2
11/21/2016	16:30:00	0	152.583	16.1	2581
11/21/2016	16:45:00	0	152.583	16.1	2582.2
11/21/2016	17:00:00	0	152.599	16.1	2582.2
11/21/2016	17:15:00	0	152.636	16.1	2582.2

11/21/2016	17:30:00	0	152.637	16.1	2581
11/21/2016	17:45:00	0	152.668	16.1	2581
11/21/2016	18:00:00	0	152.64	16.1	2581
11/21/2016	18:15:00	0	152.692	16.1	2581
11/21/2016	18:30:00	0	152.726	16.1	2581
11/21/2016	18:45:00	0	152.778	16.1	2581
11/21/2016	19:00:00	0	152.736	16.1	2581
11/21/2016	19:15:00	0	152.771	16.1	2581
11/21/2016	19:30:00	0	152.729	16.1	2582.2
11/21/2016	19:45:00	0	152.741	16.1	2581
11/21/2016	20:00:00	0	152.716	16.1	2581
11/21/2016	20:15:00	0	152.691	16.1	2581
11/21/2016	20:30:00	0	152.704	16.1	2581
11/21/2016	20:45:00	0	152.695	16.1	2581
11/21/2016	21:00:00	0	152.692	16.1	2581
11/21/2016	21:15:00	0	152.708	16.1	2581
11/21/2016	21:30:00	0	152.724	16.1	2581
11/21/2016	21:45:00	0	152.741	16.1	2581
11/21/2016	22:00:00	0	152.804	16.1	2581
11/21/2016	22:15:00	0	152.745	16.1	2579.8
11/21/2016	22:30:00	0	152.762	16.1	2581
11/21/2016	22:45:00	0	152.721	16.1	2579.8
11/21/2016	23:00:00	0	152.739	16.1	2579.8
11/21/2016	23:15:00	0	152.758	16.1	2579.8
11/21/2016	23:30:00	0	152.76	16.1	2579.8
11/21/2016	23:45:00	0	152.782	16.1	2579.8
11/22/2016	0:00:00	0	152.764	16.1	2579.8
11/22/2016	0:15:00	0	152.765	16.1	2579.8
11/22/2016	0:30:00	0	152.781	16.1	2579.8
11/22/2016	0:45:00	0	152.784	16.1	2579.8
11/22/2016	1:00:00	0	152.787	16.1	2579.8
11/22/2016	1:15:00	0	152.813	16.1	2577.5
11/22/2016	1:30:00	0	152.792	16.1	2577.5
11/22/2016	1:45:00	0	152.813	16.1	2579.8
11/22/2016	2:00:00	0	152.811	16.1	2579.8
11/22/2016	2:15:00	0	152.826	16.1	2581
11/22/2016	2:30:00	0	152.847	16.1	2581
11/22/2016	2:45:00	0	152.826	16.1	2579.8
11/22/2016	3:00:00	0	152.869	16.1	2581
11/22/2016	3:15:00	0	152.87	16.1	2582.2
11/22/2016	3:30:00	0	152.909	16.1	2582.2
11/22/2016	3:45:00	0	152.889	16.1	2582.2
11/22/2016	4:00:00	0	152.945	16.1	2582.2
11/22/2016	4:15:00	0	152.923	16.1	2582.2
11/22/2016	4:30:00	0	152.939	16.1	2582.2
11/22/2016	4:45:00	0	152.978	16.1	2582.2
11/22/2016	5:00:00	0	152.942	16.1	2582.2

11/22/2016	5:15:00	0	152.934	16.1	2582.2
11/22/2016	5:30:00	0	152.951	16.1	2583.4
11/22/2016	5:45:00	0	152.95	16	2587.7
11/22/2016	6:00:00	0	152.969	16.1	2583.4
11/22/2016	6:15:00	0	153.012	16.1	2583.4
11/22/2016	6:30:00	0	152.966	16.1	2583.4
11/22/2016	6:45:00	0	152.986	16.1	2584.5
11/22/2016	7:00:00	0	153.038	16.1	2586.9
11/22/2016	7:15:00	0	153.067	16.1	2584.5
11/22/2016	7:30:00	0	153.003	16.1	2584.5
11/22/2016	7:45:00	0	152.998	16.1	2586.9
11/22/2016	8:00:00	0	152.992	16.1	2584.5
11/22/2016	8:15:00	0	153.047	16.1	2584.5
11/22/2016	8:30:00	0	153.044	16.1	2586.9
11/22/2016	8:45:00	0	153.04	16.1	2586.9
11/22/2016	9:00:00	0	153.057	16.1	2584.5
11/22/2016	9:15:00	0	153.072	16.1	2584.5
11/22/2016	9:30:00	0	153.053	16.1	2583.4
11/22/2016	9:45:00	0	153.07	16.1	2583.4
11/22/2016	10:00:00	0	153.03	16.1	2583.4
11/22/2016	10:15:00	0	153.057	16.1	2583.4
11/22/2016	10:30:00	0	153.074	16.1	2583.4
11/22/2016	10:45:00	0	153.101	16.1	2583.4
11/22/2016	11:00:00	0	153.049	16.1	2582.2
11/22/2016	11:15:00	0	153.096	16.1	2583.4
11/22/2016	11:30:00	0	153.088	16.1	2583.4
11/22/2016	11:45:00	0	153.074	16.1	2583.4
11/22/2016	12:00:00	0	153.045	16.1	2582.2
11/22/2016	12:15:00	0	153.051	16.1	2582.2
11/22/2016	12:30:00	0	153.112	16.1	2582.2
11/22/2016	12:45:00	0	153.094	16.1	2582.2
11/22/2016	13:00:00	0	153.096	16.1	2582.2
11/22/2016	13:15:00	0	153.116	16.1	2582.2
11/22/2016	13:30:00	0	153.116	16.1	2582.2
11/22/2016	13:45:00	0	153.099	16.1	2582.2
11/22/2016	14:00:00	0	153.062	16.1	2582.2
11/22/2016	14:15:00	0	153.025	16.1	2582.2
11/22/2016	14:30:00	0	153.004	16.1	2582.2
11/22/2016	14:45:00	0	152.903	16.1	2582.2
11/22/2016	15:00:00	0	152.826	16.1	2582.2
11/22/2016	15:15:00	0	152.846	16.1	2582.2
11/22/2016	15:30:00	0	152.904	16.1	2582.2
11/22/2016	15:45:00	0	152.903	16.1	2582.2
11/22/2016	16:00:00	0	152.887	16.1	2583.4
11/22/2016	16:15:00	0	152.923	16.1	2582.2
11/22/2016	16:30:00	0	152.921	16.1	2582.2
11/22/2016	16:45:00	0	152.946	16.1	2582.2

11/22/2016	17:00:00	0	152.926	16.1	2582.2
11/22/2016	17:15:00	0	152.946	16.1	2581
11/22/2016	17:30:00	0	152.905	16.1	2582.2
11/22/2016	17:45:00	0	152.959	16.1	2581
11/22/2016	18:00:00	0	152.979	16.1	2581
11/22/2016	18:15:00	0	152.955	16.1	2581
11/22/2016	18:30:00	0	152.978	16.1	2581
11/22/2016	18:45:00	0	152.978	16.1	2581
11/22/2016	19:00:00	0	153.001	16.1	2581
11/22/2016	19:15:00	0	152.94	16.1	2581
11/22/2016	19:30:00	0	152.955	16.1	2581
11/22/2016	19:45:00	0	152.973	16.1	2579.8
11/22/2016	20:00:00	0	152.988	16.1	2581
11/22/2016	20:15:00	0	152.995	16.1	2581
11/22/2016	20:30:00	0	152.978	16.1	2579.8
11/22/2016	20:45:00	0	153.041	16.1	2579.8
11/22/2016	21:00:00	0	153.045	16.1	2579.8
11/22/2016	21:15:00	0	153.043	16.1	2579.8
11/22/2016	21:30:00	0	153.062	16.1	2577.5
11/22/2016	21:45:00	0	153.041	16.1	2577.5
11/22/2016	22:00:00	0	153.024	16.1	2577.5
11/22/2016	22:15:00	0	153.023	16.1	2579.8
11/22/2016	22:30:00	0	153.023	16	2584.2
11/22/2016	22:45:00	0	153.025	16.1	2577.5
11/22/2016	23:00:00	0	152.964	16.1	2577.5
11/22/2016	23:15:00	0	152.939	16.1	2579.8
11/22/2016	23:30:00	0	152.861	16.1	2579.8
11/22/2016	23:45:00	0	152.804	16.1	2579.8
11/23/2016	0:00:00	0	152.769	16.1	2579.8
11/23/2016	0:15:00	0	152.828	16.1	2581
11/23/2016	0:30:00	0	152.844	16	2585.4
11/23/2016	0:45:00	0	152.852	16	2585.4
11/23/2016	1:00:00	0	152.834	16.1	2582.2
11/23/2016	1:15:00	0	152.817	16.1	2582.2
11/23/2016	1:30:00	0	152.731	16.1	2582.2
11/23/2016	1:45:00	0	152.729	16.1	2583.4
11/23/2016	2:00:00	0	152.78	16.1	2583.4
11/23/2016	2:15:00	0	152.814	16.1	2584.5
11/23/2016	2:30:00	0	152.834	16.1	2583.4
11/23/2016	2:45:00	0	152.828	16.1	2583.4
11/23/2016	3:00:00	0	152.847	16.1	2583.4
11/23/2016	3:15:00	0	152.845	16.1	2584.5
11/23/2016	3:30:00	0	152.928	16.1	2583.4
11/23/2016	3:45:00	0	152.857	16.1	2583.4
11/23/2016	4:00:00	0	152.927	16.1	2583.4
11/23/2016	4:15:00	0	152.879	16.1	2583.4
11/23/2016	4:30:00	0	152.947	16.1	2583.4

11/23/2016	4:45:00	0	152.941	16.1	2583.4
11/23/2016	5:00:00	0	152.875	16.1	2583.4
11/23/2016	5:15:00	0	152.832	16.1	2583.4
11/23/2016	5:30:00	0	152.826	16.1	2583.4
11/23/2016	5:45:00	0	152.882	16.1	2582.2
11/23/2016	6:00:00	0	152.901	16.1	2582.2
11/23/2016	6:15:00	0	152.9	16.1	2583.4
11/23/2016	6:30:00	0	152.896	16.1	2582.2
11/23/2016	6:45:00	0	152.91	16.1	2582.2
11/23/2016	7:00:00	0	152.963	16.1	2581
11/23/2016	7:15:00	0	152.932	16.1	2581
11/23/2016	7:30:00	0	152.926	16.1	2582.2
11/23/2016	7:45:00	0	152.981	16.1	2582.2
11/23/2016	8:00:00	0	152.948	16.1	2581
11/23/2016	8:15:00	0	152.937	16.1	2581
11/23/2016	8:30:00	0	152.99	16.1	2581
11/23/2016	8:45:00	0	152.963	16.1	2581
11/23/2016	9:00:00	0	152.994	16.1	2579.8
11/23/2016	9:15:00	0	152.958	16.1	2579.8
11/23/2016	9:30:00	0	152.954	16.1	2579.8
11/23/2016	9:45:00	0	152.974	16.1	2577.5
11/23/2016	10:00:00	0	152.961	16.1	2579.8
11/23/2016	10:15:00	0	152.957	16.1	2579.8
11/23/2016	10:30:00	0	152.959	16.1	2579.8
11/23/2016	10:45:00	0	152.937	16.1	2581
11/23/2016	11:00:00	0	152.924	16.1	2579.8
11/23/2016	11:15:00	0	152.991	16.1	2577.5
11/23/2016	11:30:00	0	152.934	16.1	2579.8
11/23/2016	11:45:00	0	152.901	16.1	2579.8
11/23/2016	12:00:00	0	152.931	16.1	2579.8
11/23/2016	12:15:00	0	152.898	16.1	2579.8
11/23/2016	12:30:00	0	152.964	16.1	2579.8
11/23/2016	12:45:00	0	152.928	16.1	2577.5
11/23/2016	13:00:00	0	152.916	16.1	2577.5
11/23/2016	13:15:00	0	152.884	16.1	2577.5
11/23/2016	13:30:00	0	152.906	16.1	2577.5
11/23/2016	13:45:00	0	152.89	16.1	2577.5
11/23/2016	14:00:00	0	152.888	16.1	2576.3
11/23/2016	14:15:00	0	152.884	16.1	2576.3
11/23/2016	14:30:00	0	152.908	16.1	2576.3
11/23/2016	14:45:00	0	152.873	16.1	2576.3
11/23/2016	15:00:00	0	152.913	16.1	2576.3
11/23/2016	15:15:00	0	152.894	16.1	2576.3
11/23/2016	15:30:00	0	152.89	16.1	2576.3
11/23/2016	15:45:00	0	152.915	16.1	2576.3
11/23/2016	16:00:00	0	152.935	16.1	2576.3
11/23/2016	16:15:00	0	152.895	16.1	2576.3

11/23/2016	16:30:00	0	152.882	16.1	2576.3
11/23/2016	16:45:00	0	152.898	16.1	2576.3
11/23/2016	17:00:00	0	152.872	16.1	2576.3
11/23/2016	17:15:00	0	152.865	16.1	2577.5
11/23/2016	17:30:00	0	152.861	16.1	2576.3
11/23/2016	17:45:00	0	152.839	16.1	2575.1
11/23/2016	18:00:00	0	152.858	16.1	2576.3
11/23/2016	18:15:00	0	152.873	16.1	2575.1
11/23/2016	18:30:00	0	152.81	16.1	2575.1
11/23/2016	18:45:00	0	152.846	16.1	2576.3
11/23/2016	19:00:00	0	152.859	16.1	2575.1
11/23/2016	19:15:00	0	152.84	16.1	2576.3
11/23/2016	19:30:00	0	152.855	16.1	2576.3
11/23/2016	19:45:00	0	152.875	16.1	2575.1
11/23/2016	20:00:00	0	152.833	16.1	2575.1
11/23/2016	20:15:00	0	152.895	16.1	2575.1
11/23/2016	20:30:00	0	152.87	16.1	2576.3
11/23/2016	20:45:00	0	152.887	16.1	2573.9
11/23/2016	21:00:00	0	152.864	16.1	2576.3
11/23/2016	21:15:00	0	152.887	16.1	2573.9
11/23/2016	21:30:00	0	152.94	16.1	2575.1
11/23/2016	21:45:00	0	152.876	16.1	2575.1
11/23/2016	22:00:00	0	152.897	16.1	2575.1
11/23/2016	22:15:00	0	152.937	16.1	2576.3
11/23/2016	22:30:00	0	152.893	16.1	2575.1
11/23/2016	22:45:00	0	152.838	16.1	2575.1
11/23/2016	23:00:00	0	152.813	16.1	2576.3
11/23/2016	23:15:00	0	152.731	16.1	2575.1
11/23/2016	23:30:00	0	152.711	16.1	2576.3
11/23/2016	23:45:00	0	152.71	16.1	2577.5

Report Date: 11/28/2016 8:33:47 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-6M LT Test_2016-11-24_10-43-20-009-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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: 0 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 0.999

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
2/17/2016 5:06:11 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 5:50:59 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 5:53:08 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 12:00:00 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: 6/21/2016 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: 22% 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
11/28/2016 8:32:02 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:

Record Count: 818

Sensors: 2

1 - 440621: 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
SN#:	440621	SN#:	440621	SN#:	440621	SN#:	440621
Elapsed Time	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected
Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)					
11/17/2016 12:00:00 AM	93600.000	58.368	16.900	134.769	1210.681	1432.266	0.725

0.974

825.861	0.999	14.771						
11/17/2016 12:15:00 AM	94500.000	58.380	16.901	134.797	1209.381	1430.710	0.724	0.973
826.869	0.999	14.775						
11/17/2016 12:30:00 AM	95400.000	58.365	16.898	134.764	1208.361	1429.579	0.723	0.972
827.567	0.999	14.775						
11/17/2016 12:45:00 AM	96300.000	58.383	16.900	134.805	1209.352	1430.707	0.724	0.973
826.889	0.999	14.774						
11/17/2016 1:00:00 AM	97200.000	58.371	16.898	134.777	1209.553	1430.992	0.724	0.973
826.752	0.999	14.770						
11/17/2016 1:15:00 AM	98100.000	58.369	16.899	134.773	1209.557	1430.966	0.724	0.973
826.749	0.999	14.772						
11/17/2016 1:30:00 AM	99000.000	58.384	16.900	134.808	1209.731	1431.141	0.724	0.973
826.630	0.999	14.769						
11/17/2016 1:45:00 AM	99900.000	58.370	16.899	134.775	1209.427	1430.821	0.724	0.973
826.838	0.999	14.770						
11/17/2016 2:00:00 AM	100800.000	58.374	16.898	134.785	1209.874	1431.367	0.724	0.973
826.532	0.999	14.774						
11/17/2016 2:15:00 AM	101700.000	58.383	16.900	134.803	1207.895	1428.969	0.723	0.972
827.887	0.999	14.779						
11/17/2016 2:30:00 AM	102600.000	58.389	16.900	134.818	1206.799	1427.660	0.722	0.971
828.639	0.999	14.774						
11/17/2016 2:45:00 AM	103500.000	58.385	16.900	134.808	1207.670	1428.719	0.723	0.972
828.041	0.999	14.766						
11/17/2016 3:00:00 AM	104400.000	58.402	16.899	134.848	1207.651	1428.714	0.723	0.972
828.054	0.999	14.770						
11/17/2016 3:15:00 AM	105300.000	58.397	16.899	134.836	1208.935	1430.227	0.724	0.973
827.174	0.999	14.775						
11/17/2016 3:30:00 AM	106200.000	58.396	16.900	134.834	1209.710	1431.122	0.724	0.973
826.644	0.999	14.776						
11/17/2016 3:45:00 AM	107100.000	58.404	16.900	134.853	1210.141	1431.632	0.724	0.974
826.350	0.999	14.771						
11/17/2016 4:00:00 AM	108000.000	58.403	16.901	134.850	1208.781	1429.994	0.724	0.972
827.280	0.999	14.767						
11/17/2016 4:15:00 AM	108900.000	58.383	16.899	134.804	1209.411	1430.793	0.724	0.973
826.849	0.999	14.773						
11/17/2016 4:30:00 AM	109800.000	58.382	16.899	134.802	1210.042	1431.534	0.724	0.973
826.417	0.999	14.777						
11/17/2016 4:45:00 AM	110700.000	58.400	16.900	134.845	1209.848	1431.274	0.724	0.973
826.550	0.999	14.781						
11/17/2016 5:00:00 AM	111600.000	58.401	16.899	134.847	1208.948	1430.255	0.724	0.973
827.165	0.999	14.780						
11/17/2016 5:15:00 AM	112500.000	58.393	16.899	134.828	1209.078	1430.396	0.724	0.973
827.077	0.999	14.777						
11/17/2016 5:30:00 AM	113400.000	58.391	16.900	134.823	1209.312	1430.657	0.724	0.973
826.916	0.999	14.780						
11/17/2016 5:45:00 AM	114300.000	58.396	16.898	134.834	1208.678	1429.949	0.724	0.972
827.350	0.999	14.781						
11/17/2016 6:00:00 AM	115200.000	58.402	16.899	134.848	1209.647	1431.065	0.724	0.973
826.687	0.999	14.775						
11/17/2016 6:15:00 AM	116100.000	58.402	16.901	134.848	1210.150	1431.613	0.724	0.973
826.344	0.999	14.780						
11/17/2016 6:30:00 AM	117000.000	58.419	16.901	134.889	1209.844	1431.238	0.724	0.973
826.553	0.999	14.781						
11/17/2016 6:45:00 AM	117900.000	58.420	16.900	134.890	1209.643	1431.042	0.724	0.973
826.690	0.999	14.786						
11/17/2016 7:00:00 AM	118800.000	58.413	16.898	134.873	1210.026	1431.544	0.724	0.973
826.428	0.999	14.782						
11/17/2016 7:15:00 AM	119700.000	58.425	16.900	134.902	1209.982	1431.429	0.724	0.973
826.459	0.999	14.790						
11/17/2016 7:30:00 AM	120600.000	58.419	16.900	134.889	1209.520	1430.905	0.724	0.973
826.774	0.999	14.792						
11/17/2016 7:45:00 AM	121500.000	58.431	16.901	134.914	1208.080	1429.145	0.723	0.972
827.760	0.999	14.789						
11/17/2016 8:00:00 AM	122400.000	58.429	16.901	134.912	1208.381	1429.515	0.723	0.972
827.554	0.999	14.795						
11/17/2016 8:15:00 AM	123300.000	58.403	16.900	134.850	1208.335	1429.484	0.723	0.972
827.585	0.999	14.805						
11/17/2016 8:30:00 AM	124200.000	58.408	16.901	134.861	1207.954	1429.024	0.723	0.972
827.846	0.999	14.801						
11/17/2016 8:45:00 AM	125100.000	58.436	16.901	134.927	1207.962	1429.028	0.723	0.972
827.841	0.999	14.790						
11/17/2016 9:00:00 AM	126000.000	58.431	16.900	134.917	1208.348	1429.517	0.723	0.972
827.576	0.999	14.794						
11/17/2016 9:15:00 AM	126900.000	58.406	16.901	134.859	1208.939	1430.165	0.724	0.973
827.171	0.999	14.803						
11/17/2016 9:30:00 AM	127800.000	58.432	16.900	134.918	1208.750	1429.994	0.724	0.972
827.301	0.999	14.793						
11/17/2016 9:45:00 AM	128700.000	58.433	16.902	134.921	1208.682	1429.829	0.723	0.972
827.347	0.999	14.791						
11/17/2016 10:00:00 AM	129600.000	58.428	16.901	134.908	1207.082	1427.993	0.723	0.971
828.444	0.999	14.789						
11/17/2016 10:15:00 AM	130500.000	58.414	16.901	134.875	1206.582	1427.373	0.722	0.971
828.787	0.999	14.788						
11/17/2016 10:30:00 AM	131400.000	58.425	16.901	134.902	1206.860	1427.708	0.722	0.971
828.596	0.999	14.786						
11/17/2016 10:45:00 AM	132300.000	58.408	16.902	134.862	1206.813	1427.623	0.722	0.971
828.629	0.999	14.791						
11/17/2016 11:00:00 AM	133200.000	58.407	16.901	134.860	1206.856	1427.694	0.722	0.971
828.599	0.999	14.791						
11/17/2016 11:15:00 AM	134100.000	58.405	16.903	134.856	1205.567	1426.133	0.722	0.970
828.485	0.999	14.788						
11/17/2016 11:30:00 AM	135000.000	58.402	16.902	134.848	1207.612	1428.563	0.723	0.971
828.061	0.999	14.785						
11/17/2016 11:45:00 AM	135900.000	58.416	16.901	134.881	1207.704	1428.706	0.723	0.972
828.017	0.999	14.783						
11/17/2016 12:00:00 PM	136800.000	58.418	16.903	134.886	1207.391	1428.288	0.723	0.971
828.232	0.999	14.781						
11/17/2016 12:15:00 PM	137700.000	58.419	16.903	134.889	1206.388	1427.087	0.722	0.970
828.921	0.999	14.770						
11/17/2016 12:30:00 PM	138600.000	58.403	16.903	134.851	1206.900	1427.709	0.722	0.971
828.569	0.999	14.770						
11/17/2016 12:45:00 PM	139500.000	58.408	16.903	134.863	1207.643	1428.589	0.723	0.971
828.059	0.999	14.775						
11/17/2016 1:00:00 PM	140400.000	58.410	16.901	134.867	1204.962	1425.468	0.721	0.969
829.902	0.999	14.769						
11/17/2016 1:15:00 PM	141300.000	58.419	16.902	134.889	1205.978	1426.648	0.722	0.970
829.202	0.999	14.759						
11/17/2016 1:30:00 PM	142200.000	58.393	16.902	134.827	1197.710	1416.869	0.717	0.963
834.927	0.999	14.764						
11/17/2016 1:45:00 PM	143100.000	58.396	16.900	134.835	1199.247	1418.739	0.718	0.965
833.856	0.999	14.758						
11/17/2016 2:00:00 PM	144000.000	58.386	16.901	134.811	1201.664	1421.560	0.719	0.967
832.180	0.999	14.763						
11/17/2016 2:15:00 PM	144900.000	58.384	16.901	134.807	1201.931	1421.891	0.719	0.967
831.994	0.999	14.763						
11/17/2016 2:30:00 PM	145800.000	58.392	16.901	134.825	1200.319	1419.970	0.718	0.966
833.112	0.999	14.752						
11/17/2016 2:45:00 PM	146700.000	58.404	16.901	134.853	1200.081	1419.682	0.718	0.965
833.277	0.999	14.752						
11/17/2016 3:00:00 PM	147600.000	58.403	16.902	134.851	1198.602	1417.927	0.717	0.964
834.305	0.999	14.756						
11/17/2016 3:15:00 PM	148500.000	58.400	16.901	134.844	1199.101	1418.526	0.718	0.965
833.958	0.999	14.749						
11/17/2016 3:30:00 PM	149400.000	58.383	16.901	134.805	1197.651	1416.827	0.717	0.963
834.968	0.999	14.751						
11/17/2016 3:45:00 PM	150300.000	58.386	16.901	134.812	1198.531	1417.874	0.717	0.964
834.355	0.999	14.761						
11/17/2016 4:00:00 PM	151200.000	58.374	16.901	134.783	1198.547	1417.884	0.717	0.964
834.344	0.999	14.756						
11/17/2016 4:15:00 PM	152100.000	58.394	16.902	134.829	1197.849	1417.031	0.717	0.964
834.830	0.999	14.750						
11/17/2016 4:30:00 PM	153000.000	58.392	16.900	134.825	1197.978	1417.242	0.717	0.964
834.740	0.999	14.748						

11/17/2016 4:45:00 PM	153900.000	58.377	16.900	134.791	1199.354	1418.870	0.718	0.965
833.782	0.999	14.747						
11/17/2016 5:00:00 PM	154800.000	58.388	16.904	134.816	1200.549	1420.157	0.718	0.966
832.952	0.999	14.751						
11/17/2016 5:15:00 PM	155700.000	58.385	16.904	134.762	1200.788	1420.440	0.719	0.966
832.786	0.999	14.755						
11/17/2016 5:30:00 PM	156600.000	58.364	16.901	134.761	1199.315	1418.787	0.718	0.965
833.809	0.999	14.754						
11/17/2016 5:45:00 PM	157500.000	58.380	16.900	134.751	1200.662	1420.420	0.719	0.966
832.874	0.999	14.754						
11/17/2016 6:00:00 PM	158400.000	58.381	16.901	134.800	1197.982	1417.216	0.717	0.964
834.737	0.999	14.749						
11/17/2016 6:15:00 PM	159300.000	58.355	16.900	134.740	1198.286	1417.618	0.717	0.964
834.525	0.999	14.757						
11/17/2016 6:30:00 PM	160200.000	58.372	16.900	134.780	1199.227	1418.711	0.718	0.965
833.871	0.999	14.756						
11/17/2016 6:45:00 PM	161100.000	58.347	16.900	134.721	1199.329	1418.823	0.718	0.965
833.800	0.999	14.760						
11/17/2016 7:00:00 PM	162000.000	58.355	16.899	134.740	1199.767	1419.378	0.718	0.965
833.495	0.999	14.758						
11/17/2016 7:15:00 PM	162900.000	58.351	16.899	134.731	1202.555	1422.696	0.720	0.967
831.563	0.999	14.756						
11/17/2016 7:30:00 PM	163800.000	58.352	16.899	134.732	1202.307	1422.378	0.720	0.967
831.734	0.999	14.754						
11/17/2016 7:45:00 PM	164700.000	58.361	16.898	134.753	1203.939	1424.345	0.721	0.969
830.607	0.999	14.763						
11/17/2016 8:00:00 PM	165600.000	58.348	16.900	134.723	1202.583	1422.698	0.720	0.967
831.544	0.999	14.760						
11/17/2016 8:15:00 PM	166500.000	58.374	16.897	134.785	1201.518	1421.524	0.719	0.967
832.280	0.999	14.746						
11/17/2016 8:30:00 PM	167400.000	58.364	16.899	134.760	1203.549	1423.856	0.720	0.968
830.876	0.999	14.758						
11/17/2016 8:45:00 PM	168300.000	58.365	16.900	134.764	1204.963	1425.503	0.721	0.969
829.901	0.999	14.755						
11/17/2016 9:00:00 PM	169200.000	58.349	16.898	134.725	1203.894	1424.318	0.721	0.969
830.638	0.999	14.758						
11/17/2016 9:15:00 PM	170100.000	58.350	16.900	134.729	1206.649	1427.500	0.722	0.971
828.741	0.999	14.757						
11/17/2016 9:30:00 PM	171000.000	58.370	16.898	134.774	1207.249	1428.281	0.723	0.971
828.329	0.999	14.753						
11/17/2016 9:45:00 PM	171900.000	58.369	16.899	134.773	1205.525	1426.199	0.722	0.970
829.514	0.999	14.752						
11/17/2016 10:00:00 PM	172800.000	58.354	16.898	134.737	1207.906	1429.052	0.723	0.972
827.879	0.999	14.754						
11/17/2016 10:15:00 PM	173700.000	58.365	16.898	134.763	1208.992	1430.340	0.724	0.973
827.135	0.999	14.760						
11/17/2016 10:30:00 PM	174600.000	58.369	16.899	134.772	1208.771	1430.041	0.724	0.972
827.287	0.999	14.757						
11/17/2016 10:45:00 PM	175500.000	58.356	16.898	134.742	1207.836	1428.961	0.723	0.972
827.927	0.999	14.754						
11/17/2016 11:00:00 PM	176400.000	58.360	16.898	134.752	1207.755	1428.863	0.723	0.972
827.982	0.999	14.754						
11/17/2016 11:15:00 PM	177300.000	58.377	16.900	134.791	1206.900	1427.803	0.722	0.971
828.569	0.999	14.754						
11/17/2016 11:30:00 PM	178200.000	58.356	16.898	134.743	1206.495	1427.383	0.722	0.971
828.847	0.999	14.756						
11/17/2016 11:45:00 PM	179100.000	58.375	16.899	134.787	1206.953	1427.883	0.722	0.971
828.532	0.999	14.753						
11/18/2016 12:00:00 AM	180000.000	58.360	16.900	134.751	1209.282	1430.613	0.724	0.973
826.837	0.999	14.756						
11/18/2016 12:15:00 AM	180900.000	58.377	16.899	134.790	1208.235	1429.413	0.723	0.972
827.654	0.999	14.754						
11/18/2016 12:30:00 AM	181800.000	58.364	16.899	134.762	1207.083	1428.029	0.723	0.971
828.443	0.999	14.750						
11/18/2016 12:45:00 AM	182700.000	58.382	16.899	134.802	1205.326	1425.975	0.721	0.970
829.651	0.999	14.750						
11/18/2016 1:00:00 AM	183600.000	58.368	16.900	134.770	1203.817	1424.152	0.720	0.968
830.691	0.999	14.746						
11/18/2016 1:15:00 AM	184500.000	58.379	16.899	134.796	1204.262	1424.713	0.721	0.969
830.384	0.999	14.745						
11/18/2016 1:30:00 AM	185400.000	58.371	16.901	134.776	1204.400	1424.803	0.721	0.969
830.289	0.999	14.742						
11/18/2016 1:45:00 AM	186300.000	58.367	16.901	134.767	1204.687	1425.153	0.721	0.969
830.091	0.999	14.747						
11/18/2016 2:00:00 AM	187200.000	58.372	16.901	134.779	1203.463	1423.695	0.720	0.968
830.935	0.999	14.746						
11/18/2016 2:15:00 AM	188100.000	58.388	16.900	134.815	1204.114	1424.513	0.721	0.969
830.486	0.999	14.747						
11/18/2016 2:30:00 AM	189000.000	58.390	16.900	134.821	1204.468	1424.903	0.721	0.969
830.242	0.999	14.746						
11/18/2016 2:45:00 AM	189900.000	58.380	16.899	134.797	1203.139	1423.367	0.720	0.968
831.159	0.999	14.740						
11/18/2016 3:00:00 AM	190800.000	58.381	16.899	134.800	1202.496	1422.612	0.720	0.967
831.604	0.999	14.742						
11/18/2016 3:15:00 AM	191700.000	58.377	16.898	134.791	1201.377	1421.314	0.719	0.966
832.378	0.999	14.747						
11/18/2016 3:30:00 AM	192600.000	58.393	16.900	134.828	1203.180	1423.382	0.720	0.968
831.131	0.999	14.750						
11/18/2016 3:45:00 AM	193500.000	58.404	16.900	134.854	1201.304	1421.188	0.719	0.966
832.429	0.999	14.740						
11/18/2016 4:00:00 AM	194400.000	58.396	16.899	134.834	1199.186	1418.691	0.718	0.965
833.899	0.999	14.743						
11/18/2016 4:15:00 AM	195300.000	58.377	16.899	134.792	1199.976	1419.631	0.718	0.965
833.350	0.999	14.750						
11/18/2016 4:30:00 AM	196200.000	58.387	16.899	134.814	1203.254	1423.509	0.720	0.968
831.080	0.999	14.749						
11/18/2016 4:45:00 AM	197100.000	58.408	16.899	134.861	1203.417	1423.691	0.720	0.968
830.967	0.999	14.747						
11/18/2016 5:00:00 AM	198000.000	58.414	16.899	134.876	1202.506	1422.621	0.720	0.967
831.597	0.999	14.740						
11/18/2016 5:15:00 AM	198900.000	58.399	16.900	134.841	1203.458	1423.720	0.720	0.968
830.939	0.999	14.743						
11/18/2016 5:30:00 AM	199800.000	58.399	16.900	134.841	1204.198	1424.601	0.721	0.969
830.428	0.999	14.742						
11/18/2016 5:45:00 AM	200700.000	58.418	16.899	134.886	1203.961	1424.352	0.721	0.969
830.591	0.999	14.740						
11/18/2016 6:00:00 AM	201600.000	58.410	16.900	134.867	1206.265	1427.041	0.722	0.970
829.005	0.999	14.739						
11/18/2016 6:15:00 AM	202500.000	58.408	16.901	134.863	1206.200	1426.926	0.722	0.970
829.050	0.999	14.739						
11/18/2016 6:30:00 AM	203400.000	58.426	16.900	134.904	1207.105	1428.051	0.723	0.971
828.429	0.999	14.741						
11/18/2016 6:45:00 AM	204300.000	58.414	16.898	134.875	1207.139	1428.140	0.723	0.971
828.405	0.999	14.740						
11/18/2016 7:00:00 AM	205200.000	58.430	16.900	134.913	1207.161	1428.106	0.723	0.971
828.390	0.999	14.745						
11/18/2016 7:15:00 AM	206100.000	58.416	16.897	134.881	1206.565	1427.489	0.722	0.971
828.799	0.999	14.748						
11/18/2016 7:30:00 AM	207000.000	58.437	16.899	134.928	1207.228	1428.222	0.723	0.971
828.344	0.999	14.749						
11/18/2016 7:45:00 AM	207900.000	58.446	16.899	134.950	1208.290	1429.461	0.723	0.972
827.616	0.999	14.748						
11/18/2016 8:00:00 AM	208800.000	58.426	16.897	134.904	1206.742	1427.690	0.722	0.971
828.677	0.999	14.752						
11/18/2016 8:15:00 AM	209700.000	58.428	16.897	134.909	1208.242	1429.475	0.723	0.972
827.649	0.999	14.757						
11/18/2016 8:30:00 AM	210600.000	58.451	16.899	134.960	1209.228	1430.576	0.724	0.973
826.974	0.999	14.757						
11/18/2016 8:45:00 AM	211500.000	58.454	16.900	134.968	1209.250	1430.585	0.724	0.973
826.959	0.999	14.758						
11/18/2016 9:00:00 AM	212400.000	58.454	16.899	134.969	1207.098	1428.074	0.723	0.971
828.433	0.999	14.756						
11/18/2016 9:15:00 AM	213300.000	58.436	16.898	134				

828.683	0.999	14.763						
11/18/2016 9:30:00 AM	214200.000	58.442	16.898	134.940	1206.938	1427.910	0.722	0.971
828.543	0.999	14.757						
11/18/2016 9:45:00 AM	215100.000	58.440	16.898	134.936	1207.438	1428.484	0.723	0.971
828.200	0.999	14.759						
11/18/2016 10:00:00 AM	216000.000	58.467	16.898	134.999	1208.892	1430.231	0.724	0.973
827.204	0.999	14.752						
11/18/2016 10:15:00 AM	216900.000	58.445	16.897	134.947	1208.523	1429.808	0.723	0.972
827.456	0.999	14.759						
11/18/2016 10:30:00 AM	217800.000	58.449	16.898	134.956	1207.877	1429.016	0.723	0.972
827.899	0.999	14.750						
11/18/2016 10:45:00 AM	218700.000	58.460	16.897	134.982	1209.167	1430.579	0.724	0.973
827.015	0.999	14.755						
11/18/2016 11:00:00 AM	219600.000	58.446	16.897	134.949	1208.111	1429.335	0.723	0.972
827.739	0.999	14.750						
11/18/2016 11:15:00 AM	220500.000	58.455	16.898	134.971	1208.175	1429.382	0.723	0.972
827.695	0.999	14.752						
11/18/2016 11:30:00 AM	221400.000	58.445	16.896	134.948	1208.053	1429.278	0.723	0.972
827.778	0.999	14.741						
11/18/2016 11:45:00 AM	222300.000	58.428	16.897	134.909	1207.529	1428.629	0.723	0.971
828.138	0.999	14.746						
11/18/2016 12:00:00 PM	223200.000	58.447	16.897	134.952	1207.589	1428.700	0.723	0.972
828.097	0.999	14.740						
11/18/2016 12:15:00 PM	224100.000	58.441	16.897	134.939	1208.444	1429.706	0.723	0.972
827.510	0.999	14.740						
11/18/2016 12:30:00 PM	225000.000	58.437	16.899	134.930	1208.719	1429.981	0.724	0.972
827.322	0.999	14.732						
11/18/2016 12:45:00 PM	225900.000	58.435	16.895	134.925	1204.196	1424.751	0.721	0.969
830.429	0.999	14.729						
11/18/2016 1:00:00 PM	226800.000	58.422	16.898	134.895	1205.939	1426.731	0.722	0.970
829.229	0.999	14.720						
11/18/2016 1:15:00 PM	227700.000	58.436	16.897	134.927	1206.011	1426.839	0.722	0.970
829.180	0.999	14.716						
11/18/2016 1:30:00 PM	228600.000	58.415	16.899	134.879	1207.061	1428.021	0.723	0.971
828.459	0.999	14.715						
11/18/2016 1:45:00 PM	229500.000	58.411	16.899	134.870	1205.428	1426.100	0.722	0.970
829.581	0.999	14.715						
11/18/2016 2:00:00 PM	230400.000	58.411	16.897	134.869	1204.116	1424.591	0.721	0.969
830.485	0.999	14.715						
11/18/2016 2:15:00 PM	231300.000	58.425	16.897	134.900	1204.722	1425.300	0.721	0.969
830.067	0.999	14.708						
11/18/2016 2:30:00 PM	232200.000	58.409	16.900	134.864	1203.095	1423.285	0.720	0.968
831.190	0.999	14.702						
11/18/2016 2:45:00 PM	233100.000	58.421	16.899	134.892	1204.083	1424.490	0.721	0.969
830.507	0.999	14.699						
11/18/2016 3:00:00 PM	234000.000	58.398	16.897	134.840	1202.958	1423.219	0.720	0.968
831.284	0.999	14.700						
11/18/2016 3:15:00 PM	234900.000	58.392	16.899	134.824	1200.649	1420.447	0.719	0.966
832.883	0.999	14.701						
11/18/2016 3:30:00 PM	235800.000	58.403	16.901	134.851	1198.904	1418.313	0.717	0.964
834.095	0.999	14.698						
11/18/2016 3:45:00 PM	236700.000	58.384	16.900	134.807	1198.379	1417.722	0.717	0.964
834.461	0.999	14.701						
11/18/2016 4:00:00 PM	237600.000	58.395	16.899	134.833	1199.979	1419.646	0.718	0.965
833.348	0.999	14.698						
11/18/2016 4:15:00 PM	238500.000	58.384	16.901	134.806	1196.711	1415.704	0.716	0.963
835.624	0.999	14.708						
11/18/2016 4:30:00 PM	239400.000	58.365	16.901	134.762	1197.876	1417.091	0.717	0.964
834.811	0.999	14.710						
11/18/2016 4:45:00 PM	240300.000	58.382	16.901	134.755	1195.817	1414.641	0.715	0.962
836.249	0.999	14.712						
11/18/2016 5:00:00 PM	241200.000	58.387	16.901	134.814	1194.992	1413.690	0.715	0.961
836.826	0.999	14.707						
11/18/2016 5:15:00 PM	242100.000	58.386	16.901	134.812	1197.669	1416.840	0.717	0.963
834.955	0.999	14.708						
11/18/2016 5:30:00 PM	243000.000	58.362	16.902	134.757	1196.179	1415.052	0.716	0.962
835.995	0.999	14.714						
11/18/2016 5:45:00 PM	243900.000	58.367	16.901	134.769	1197.614	1416.786	0.717	0.963
834.994	0.999	14.711						
11/18/2016 6:00:00 PM	244800.000	58.371	16.902	134.776	1196.436	1415.340	0.716	0.962
835.816	0.999	14.712						
11/18/2016 6:15:00 PM	245700.000	58.379	16.902	134.795	1197.020	1416.052	0.716	0.963
835.408	0.999	14.718						
11/18/2016 6:30:00 PM	246600.000	58.377	16.902	134.791	1199.344	1418.803	0.718	0.965
833.789	0.999	14.720						
11/18/2016 6:45:00 PM	247500.000	58.382	16.900	134.802	1194.696	1413.342	0.715	0.961
837.033	0.999	14.714						
11/18/2016 7:00:00 PM	248400.000	58.361	16.902	134.755	1199.164	1418.564	0.718	0.965
833.914	0.999	14.719						
11/18/2016 7:15:00 PM	249300.000	58.377	16.901	134.791	1198.852	1418.237	0.717	0.964
834.131	0.999	14.718						
11/18/2016 7:30:00 PM	250200.000	58.376	16.901	134.788	1197.876	1417.099	0.717	0.964
834.811	0.999	14.716						
11/18/2016 7:45:00 PM	251100.000	58.357	16.902	134.745	1198.928	1418.287	0.717	0.964
834.079	0.999	14.719						
11/18/2016 8:00:00 PM	252000.000	58.358	16.900	134.747	1198.672	1418.052	0.717	0.964
834.256	0.999	14.720						
11/18/2016 8:15:00 PM	252900.000	58.379	16.900	134.795	1198.221	1417.513	0.717	0.964
834.570	0.999	14.718						
11/18/2016 8:30:00 PM	253800.000	58.373	16.901	134.781	1198.450	1417.781	0.717	0.964
834.411	0.999	14.723						
11/18/2016 8:45:00 PM	254700.000	58.376	16.898	134.789	1200.524	1420.310	0.718	0.966
832.970	0.999	14.719						
11/18/2016 9:00:00 PM	255600.000	58.375	16.899	134.787	1199.407	1418.946	0.718	0.965
833.746	0.999	14.726						
11/18/2016 9:15:00 PM	256500.000	58.373	16.899	134.780	1202.793	1422.955	0.720	0.968
831.398	0.999	14.726						
11/18/2016 9:30:00 PM	257400.000	58.377	16.898	134.792	1200.921	1420.772	0.719	0.966
832.694	0.999	14.726						
11/18/2016 9:45:00 PM	258300.000	58.374	16.899	134.785	1201.847	1421.848	0.719	0.967
832.052	0.999	14.727						
11/18/2016 10:00:00 PM	259200.000	58.377	16.900	134.790	1203.862	1424.203	0.721	0.968
830.660	0.999	14.730						
11/18/2016 10:15:00 PM	260100.000	58.371	16.899	134.777	1202.129	1422.178	0.719	0.967
831.857	0.999	14.733						
11/18/2016 10:30:00 PM	261000.000	58.378	16.900	134.792	1205.130	1425.703	0.721	0.969
829.786	0.999	14.726						
11/18/2016 10:45:00 PM	261900.000	58.362	16.900	134.756	1205.307	1425.924	0.721	0.970
829.664	0.999	14.731						
11/18/2016 11:00:00 PM	262800.000	58.376	16.900	134.789	1205.993	1426.726	0.722	0.970
829.193	0.999	14.719						
11/18/2016 11:15:00 PM	263700.000	58.372	16.898	134.779	1203.963	1424.391	0.721	0.969
830.590	0.999	14.725						
11/18/2016 11:30:00 PM	264600.000	58.384	16.899	134.807	1204.986	1425.576	0.721	0.969
829.885	0.999	14.731						
11/18/2016 11:45:00 PM	265500.000	58.378	16.898	134.794	1203.732	1424.114	0.720	0.968
830.750	0.999	14.722						
11/19/2016 12:00:00 AM	266400.000	58.369	16.899	134.773	1204.566	1425.055	0.721	0.969
830.175	0.999	14.735						
11/19/2016 12:15:00 AM	267300.000	58.389	16.899	134.818	1204.958	1425.545	0.721	0.969
829.904	0.999	14.728						
11/19/2016 12:30:00 AM	268200.000	58.378	16.898	134.794	1201.419	1421.383	0.719	0.967
832.349	0.999	14.725						
11/19/2016 12:45:00 AM	269100.000	58.400	16.897	134.843	1201.112	1421.034	0.719	0.966
832.562	0.999	14.726						
11/19/2016 1:00:00 AM	270000.000	58.378	16.899	134.792	1203.059	1423.268	0.720	0.968
831.214	0.999	14.728						
11/19/2016 1:15:00 AM	270900.000	58.402	16.899	134.848	1204.378	1424.839	0.721	0.969
830.304	0.999	14.724						
11/19/2016 1:30:00 AM	271800.000	58.404	16.899	134.853	1204.110	1424.534	0.721	0.969
830.489	0.999	14.722						
11/19/2016 1:45:00 AM	272700.000	58.412	16.900	134.873	1204.489	1424.953	0.721	0.969
830.228	0.999	14.717						

11/19/2016 2:00:00 AM	273600.000	58.395	16.899	134.832	1204.681	1425.187	0.721	0.969
830.095	0.999	14.724						
11/19/2016 2:15:00 AM	274500.000	58.411	16.899	134.869	1198.938	1418.392	0.717	0.965
834.072	0.999	14.722						
11/19/2016 2:30:00 AM	275400.000	58.401	16.900	134.847	1202.563	1422.664	0.720	0.967
831.557	0.999	14.718						
11/19/2016 2:45:00 AM	276300.000	58.421	16.899	134.893	1201.082	1420.950	0.719	0.966
832.583	0.999	14.717						
11/19/2016 3:00:00 AM	277200.000	58.399	16.900	134.841	1202.791	1422.947	0.720	0.968
831.400	0.999	14.722						
11/19/2016 3:15:00 AM	278100.000	58.421	16.900	134.893	1203.815	1424.145	0.720	0.968
830.692	0.999	14.716						
11/19/2016 3:30:00 AM	279000.000	58.399	16.899	134.840	1202.933	1423.147	0.720	0.968
831.301	0.999	14.724						
11/19/2016 3:45:00 AM	279900.000	58.428	16.898	134.908	1203.478	1423.823	0.720	0.968
830.925	0.999	14.716						
11/19/2016 4:00:00 AM	280800.000	58.414	16.898	134.876	1202.409	1422.538	0.720	0.967
831.663	0.999	14.714						
11/19/2016 4:15:00 AM	281700.000	58.418	16.897	134.884	1205.934	1426.734	0.722	0.970
829.233	0.999	14.709						
11/19/2016 4:30:00 AM	282600.000	58.418	16.900	134.885	1204.454	1424.904	0.721	0.969
830.252	0.999	14.713						
11/19/2016 4:45:00 AM	283500.000	58.419	16.900	134.889	1203.721	1424.042	0.720	0.968
830.757	0.999	14.714						
11/19/2016 5:00:00 AM	284400.000	58.425	16.899	134.901	1202.390	1422.493	0.720	0.967
831.677	0.999	14.709						
11/19/2016 5:15:00 AM	285300.000	58.440	16.900	134.935	1202.219	1422.268	0.719	0.967
831.795	0.999	14.716						
11/19/2016 5:30:00 AM	286200.000	58.428	16.901	134.908	1201.389	1421.250	0.719	0.966
832.370	0.999	14.711						
11/19/2016 5:45:00 AM	287100.000	58.433	16.899	134.920	1203.036	1423.240	0.720	0.968
831.230	0.999	14.707						
11/19/2016 6:00:00 AM	288000.000	58.439	16.900	134.935	1202.030	1422.022	0.719	0.967
831.926	0.999	14.705						
11/19/2016 6:15:00 AM	288900.000	58.457	16.899	134.975	1201.387	1421.306	0.719	0.966
832.371	0.999	14.706						
11/19/2016 6:30:00 AM	289800.000	58.443	16.899	134.944	1201.064	1420.936	0.719	0.966
832.595	0.999	14.704						
11/19/2016 6:45:00 AM	290700.000	58.444	16.899	134.946	1206.405	1427.229	0.722	0.971
828.909	0.999	14.713						
11/19/2016 7:00:00 AM	291600.000	58.458	16.899	134.978	1205.478	1426.157	0.722	0.970
829.547	0.999	14.708						
11/19/2016 7:15:00 AM	292500.000	58.447	16.900	134.952	1205.269	1425.854	0.721	0.970
829.690	0.999	14.706						
11/19/2016 7:30:00 AM	293400.000	58.456	16.899	134.972	1205.956	1426.706	0.722	0.970
829.218	0.999	14.703						
11/19/2016 7:45:00 AM	294300.000	58.473	16.899	135.012	1204.565	1425.066	0.721	0.969
830.175	0.999	14.710						
11/19/2016 8:00:00 AM	295200.000	58.463	16.897	134.988	1202.484	1422.669	0.720	0.967
831.612	0.999	14.708						
11/19/2016 8:15:00 AM	296100.000	58.465	16.898	134.993	1202.110	1422.207	0.719	0.967
831.871	0.999	14.709						
11/19/2016 8:30:00 AM	297000.000	58.487	16.900	135.046	1204.036	1424.398	0.721	0.969
830.540	0.999	14.705						
11/19/2016 8:45:00 AM	297900.000	58.468	16.898	135.002	1203.086	1423.358	0.720	0.968
831.196	0.999	14.707						
11/19/2016 9:00:00 AM	298800.000	58.491	16.897	135.053	1204.937	1425.573	0.721	0.969
829.919	0.999	14.709						
11/19/2016 9:15:00 AM	299700.000	58.469	16.898	135.003	1206.250	1427.080	0.722	0.970
829.015	0.999	14.716						
11/19/2016 9:30:00 AM	300600.000	58.468	16.898	135.000	1205.250	1425.901	0.721	0.970
829.703	0.999	14.714						
11/19/2016 9:45:00 AM	301500.000	58.475	16.899	135.016	1205.992	1426.746	0.722	0.970
829.193	0.999	14.710						
11/19/2016 10:00:00 AM	302400.000	58.494	16.898	135.061	1204.347	1424.853	0.721	0.969
830.325	0.999	14.712						
11/19/2016 10:15:00 AM	303300.000	58.467	16.898	135.044	1205.881	1426.645	0.722	0.970
829.269	0.999	14.706						
11/19/2016 10:30:00 AM	304200.000	58.484	16.897	135.039	1206.833	1427.799	0.722	0.971
828.615	0.999	14.710						
11/19/2016 10:45:00 AM	305100.000	58.488	16.896	135.046	1206.215	1427.111	0.722	0.970
829.039	0.999	14.711						
11/19/2016 11:00:00 AM	306000.000	58.484	16.897	135.037	1206.315	1427.193	0.722	0.970
828.971	0.999	14.714						
11/19/2016 11:15:00 AM	306900.000	58.489	16.897	135.050	1207.020	1428.047	0.723	0.971
828.487	0.999	14.709						
11/19/2016 11:30:00 AM	307800.000	58.509	16.896	135.095	1205.152	1425.859	0.721	0.970
829.771	0.999	14.709						
11/19/2016 11:45:00 AM	308700.000	58.488	16.899	135.047	1205.851	1426.584	0.722	0.970
829.290	0.999	14.713						
11/19/2016 12:00:00 PM	309600.000	58.495	16.898	135.063	1206.486	1427.367	0.722	0.971
828.853	0.999	14.702						
11/19/2016 12:15:00 PM	310500.000	58.500	16.896	135.074	1206.506	1427.441	0.722	0.971
828.840	0.999	14.702						
11/19/2016 12:30:00 PM	311400.000	58.515	16.898	135.110	1206.914	1427.882	0.722	0.971
828.559	0.999	14.704						
11/19/2016 12:45:00 PM	312300.000	58.495	16.897	135.063	1207.104	1428.123	0.723	0.971
828.429	0.999	14.704						
11/19/2016 1:00:00 PM	313200.000	58.500	16.898	135.075	1207.494	1428.559	0.723	0.971
828.162	0.999	14.710						
11/19/2016 1:15:00 PM	314100.000	58.507	16.899	135.090	1206.195	1426.999	0.722	0.970
829.054	0.999	14.697						
11/19/2016 1:30:00 PM	315000.000	58.505	16.898	135.087	1206.601	1427.495	0.722	0.971
828.774	0.999	14.699						
11/19/2016 1:45:00 PM	315900.000	58.506	16.897	135.089	1206.127	1426.976	0.722	0.970
829.100	0.999	14.699						
11/19/2016 2:00:00 PM	316800.000	58.507	16.897	135.090	1204.808	1425.421	0.721	0.969
830.008	0.999	14.696						
11/19/2016 2:15:00 PM	317700.000	58.516	16.896	135.111	1204.460	1425.035	0.721	0.969
830.248	0.999	14.700						
11/19/2016 2:30:00 PM	318600.000	58.505	16.896	135.087	1203.993	1424.488	0.721	0.969
830.570	0.999	14.698						
11/19/2016 2:45:00 PM	319500.000	58.523	16.896	135.129	1204.242	1424.777	0.721	0.969
830.398	0.999	14.694						
11/19/2016 3:00:00 PM	320400.000	58.519	16.898	135.120	1204.475	1424.987	0.721	0.969
830.237	0.999	14.699						
11/19/2016 3:15:00 PM	321300.000	58.526	16.896	135.134	1202.831	1423.122	0.720	0.968
831.372	0.999	14.698						
11/19/2016 3:30:00 PM	322200.000	58.511	16.898	135.099	1203.921	1424.349	0.721	0.969
830.620	0.999	14.699						
11/19/2016 3:45:00 PM	323100.000	58.526	16.897	135.135	1205.573	1426.323	0.722	0.970
829.481	0.999	14.699						
11/19/2016 4:00:00 PM	324000.000	58.521	16.899	135.122	1205.630	1426.331	0.722	0.970
829.442	0.999	14.702						
11/19/2016 4:15:00 PM	324900.000	58.508	16.900	135.094	1202.738	1422.876	0.720	0.968
831.436	0.999	14.700						
11/19/2016 4:30:00 PM	325800.000	58.507	16.897	135.091	1204.438	1424.970	0.721	0.969
830.262	0.999	14.696						
11/19/2016 4:45:00 PM	326700.000	58.528	16.899	135.140	1205.469	1426.133	0.722	0.970
829.553	0.999	14.694						
11/19/2016 5:00:00 PM	327600.000	58.507	16.897	135.091	1204.403	1424.950	0.721	0.969
830.287	0.999	14.698						
11/19/2016 5:15:00 PM	328500.000	58.527	16.900	135.137	1203.592	1423.878	0.720	0.968
830.847	0.999	14.693						
11/19/2016 5:30:00 PM	329400.000	58.530	16.899	135.145	1203.698	1424.042	0.720	0.968
830.773	0.999	14.696						
11/19/2016 5:45:00 PM	330300.000	58.513	16.897	135.104	1201.400	1421.395	0.719	0.967
832.362	0.999	14.700						
11/19/2016 6:00:00 PM	331200.000	58.504	16.899	135.085	1200.920	1420.765	0.719	0.966
832.695	0.999	14.699						
11/19/2016 6:15:00 PM	332100.000	58.512	16.899	135.104	1200.459	1420.200	0.718	0.966
833.015	0.999	14.700						
11/19/2016 6:30:00 PM	333000.000	58.511	16.899	135				

832.620	0.999	14.697					
11/19/2016 6:45:00 PM	333900.000	58.509	16.899	135.095	1202.225	1422.298	0.720
831.791	0.999	14.706					0.967
11/19/2016 7:00:00 PM	334800.000	58.521		16.900	1203.944	1424.297	0.721
830.604	0.999	14.705					0.969
11/19/2016 7:15:00 PM	335700.000	58.505	16.898	135.087	1201.775	1421.808	0.719
832.102	0.999	14.708					0.967
11/19/2016 7:30:00 PM	336600.000	58.520	16.899	135.121	1201.703	1421.694	0.719
832.152	0.999	14.706					0.967
11/19/2016 7:45:00 PM	337500.000	58.527	16.899	135.137	1200.727	1420.515	0.719
832.829	0.999	14.709					0.966
11/19/2016 8:00:00 PM	338400.000	58.507	16.899	135.091	1201.229	1421.123	0.719
832.480	0.999	14.711					0.966
11/19/2016 8:15:00 PM	339300.000	58.525	16.899	135.133	1203.155	1423.396	0.720
831.148	0.999	14.710					0.968
11/19/2016 8:30:00 PM	340200.000	58.514	16.899	135.108	1202.966	1423.166	0.720
831.279	0.999	14.704					0.968
11/19/2016 8:45:00 PM	341100.000	58.509	16.899	135.094	1201.558	1421.514	0.719
832.253	0.999	14.709					0.967
11/19/2016 9:00:00 PM	342000.000	58.532	16.897	135.148	1200.286	1420.054	0.718
833.135	0.999	14.708					0.966
11/19/2016 9:15:00 PM	342900.000	58.511	16.898	135.099	1201.488	1421.443	0.719
832.301	0.999	14.714					0.967
11/19/2016 9:30:00 PM	343800.000	58.532	16.898	135.149	1200.914	1420.769	0.719
832.699	0.999	14.713					0.966
11/19/2016 9:45:00 PM	344700.000	58.532	16.899	135.148	1197.774	1417.017	0.717
834.882	0.999	14.710					0.964
11/19/2016 10:00:00 PM	345600.000	58.519	16.898	135.118	1203.333	1423.648	0.720
831.025	0.999	14.711					0.968
11/19/2016 10:15:00 PM	346500.000	58.532	16.897	135.148	1204.064	1424.543	0.721
830.521	0.999	14.710					0.969
11/19/2016 10:30:00 PM	347400.000	58.517	16.897	135.114	1203.035	1423.310	0.720
831.231	0.999	14.714					0.968
11/19/2016 10:45:00 PM	348300.000	58.516	16.898	135.112	1200.432	1420.199	0.718
833.034	0.999	14.716					0.966
11/19/2016 11:00:00 PM	349200.000	58.543	16.900	135.175	1198.905	1418.331	0.717
834.094	0.999	14.711					0.964
11/19/2016 11:15:00 PM	350100.000	58.524	16.899	135.129	1202.714	1422.876	0.720
831.453	0.999	14.712					0.968
11/19/2016 11:30:00 PM	351000.000	58.534	16.898	135.152	1202.311	1422.425	0.720
831.731	0.999	14.706					0.967
11/19/2016 11:45:00 PM	351900.000	58.529	16.899	135.142	1202.858	1423.041	0.720
831.353	0.999	14.705					0.968
11/20/2016 12:00:00 AM	352800.000	58.550	16.899	135.191	1202.022	1422.072	0.719
831.931	0.999	14.708					0.967
11/20/2016 12:15:00 AM	353700.000	58.558	16.897	135.209	1200.973	1420.864	0.719
832.658	0.999	14.705					0.966
11/20/2016 12:30:00 AM	354600.000	58.537	16.899	135.161	1200.455	1420.218	0.718
833.017	0.999	14.709					0.966
11/20/2016 12:45:00 AM	355500.000	58.561	16.899	135.215	1199.217	1418.736	0.718
833.878	0.999	14.702					0.965
11/20/2016 1:00:00 AM	356400.000	58.564	16.898	135.221	1201.651	1421.649	0.719
832.188	0.999	14.701					0.967
11/20/2016 1:15:00 AM	357300.000	58.543	16.898	135.175	1200.975	1420.838	0.721
832.657	0.999	14.706					0.966
11/20/2016 1:30:00 AM	358200.000	58.548	16.899	135.185	1201.639	1421.613	0.719
832.196	0.999	14.705					0.967
11/20/2016 1:45:00 AM	359100.000	58.557	16.897	135.207	1201.773	1421.813	0.719
832.104	0.999	14.702					0.967
11/20/2016 2:00:00 AM	360000.000	58.572	16.898	135.240	1201.844	1421.874	0.719
832.055	0.999	14.708					0.967
11/20/2016 2:15:00 AM	360900.000	58.557	16.898	135.205	1203.593	1423.959	0.720
830.846	0.999	14.707					0.968
11/20/2016 2:30:00 AM	361800.000	58.559	16.898	135.212	1203.977	1424.404	0.721
830.581	0.999	14.706					0.969
11/20/2016 2:45:00 AM	362700.000	58.581	16.897	135.262	1204.877	1425.511	0.721
829.960	0.999	14.705					0.969
11/20/2016 3:00:00 AM	363600.000	58.586	16.899	135.274	1204.139	1424.570	0.721
830.469	0.999	14.704					0.969
11/20/2016 3:15:00 AM	364500.000	58.571	16.898	135.239	1203.791	1424.170	0.720
830.709	0.999	14.703					0.968
11/20/2016 3:30:00 AM	365400.000	58.592	16.899	135.287	1205.019	1425.611	0.721
829.862	0.999	14.698					0.969
11/20/2016 3:45:00 AM	366300.000	58.594	16.898	135.293	1205.257	1425.907	0.721
829.699	0.999	14.700					0.970
11/20/2016 4:00:00 AM	367200.000	58.600	16.898	135.306	1206.302	1427.161	0.722
828.980	0.999	14.697					0.970
11/20/2016 4:15:00 AM	368100.000	58.582	16.896	135.264	1205.514	1426.284	0.722
829.522	0.999	14.697					0.970
11/20/2016 4:30:00 AM	369000.000	58.599	16.898	135.303	1205.400	1426.090	0.722
829.600	0.999	14.702					0.970
11/20/2016 4:45:00 AM	369900.000	58.590	16.898	135.282	1205.996	1426.795	0.722
829.190	0.999	14.697					0.970
11/20/2016 5:00:00 AM	370800.000	58.598	16.897	135.301	1206.727	1427.692	0.722
828.688	0.999	14.698					0.971
11/20/2016 5:15:00 AM	371700.000	58.615	16.895	135.340	1207.060	1428.139	0.723
828.459	0.999	14.698					0.971
11/20/2016 5:30:00 AM	372600.000	58.602	16.898	135.310	1208.426	1429.673	0.723
827.523	0.999	14.697					0.972
11/20/2016 5:45:00 AM	373500.000	58.603	16.897	135.312	1208.379	1429.644	0.723
827.555	0.999	14.700					0.972
11/20/2016 6:00:00 AM	374400.000	58.630	16.896	135.375	1207.929	1429.139	0.723
827.864	0.999	14.700					0.972
11/20/2016 6:15:00 AM	375300.000	58.605	16.897	135.316	1207.527	1428.641	0.723
828.139	0.999	14.707					0.971
11/20/2016 6:30:00 AM	376200.000	58.617	16.897	135.346	1209.071	1430.473	0.724
827.082	0.999	14.701					0.973
11/20/2016 6:45:00 AM	377100.000	58.612	16.897	135.334	1208.486	1429.759	0.723
827.482	0.999	14.705					0.972
11/20/2016 7:00:00 AM	378000.000	58.622	16.896	135.357	1209.362	1430.840	0.724
826.883	0.999	14.703					0.973
11/20/2016 7:15:00 AM	378900.000	58.631	16.895	135.378	1209.508	1431.047	0.724
826.782	0.999	14.710					0.973
11/20/2016 7:30:00 AM	379800.000	58.617	16.898	135.346	1209.258	1430.661	0.724
826.953	0.999	14.709					0.973
11/20/2016 7:45:00 AM	380700.000	58.642	16.897	135.402	1209.264	1430.702	0.724
826.949	0.999	14.704					0.973
11/20/2016 8:00:00 AM	381600.000	58.626	16.896	135.366	1209.885	1431.450	0.724
826.525	0.999	14.702					0.973
11/20/2016 8:15:00 AM	382500.000	58.631	16.897	135.377	1209.504	1430.982	0.724
826.785	0.999	14.706					0.973
11/20/2016 8:30:00 AM	383400.000	58.628	16.896	135.371	1210.212	1431.855	0.725
826.301	0.999	14.711					0.974
11/20/2016 8:45:00 AM	384300.000	58.639	16.896	135.396	1209.041	1430.440	0.724
827.102	0.999	14.707					0.973
11/20/2016 9:00:00 AM	385200.000	58.634	16.895	135.384	1208.750	1430.156	0.724
827.301	0.999	14.713					0.973
11/20/2016 9:15:00 AM	386100.000	58.638	16.896	135.396	1207.200	1428.271	0.723
828.363	0.999	14.710					0.971
11/20/2016 9:30:00 AM	387000.000	58.642	16.896	135.404	1207.083	1428.125	0.723
828.443	0.999	14.706					0.971
11/20/2016 9:45:00 AM	387900.000	58.644	16.897	135.407	1207.932	1429.114	0.723
827.861	0.999	14.708					0.972
11/20/2016 10:00:00 AM	388800.000	58.647	16.897	135.414	1209.451	1430.897	0.724
826.821	0.999	14.711					0.973
11/20/2016 10:15:00 AM	389700.000	58.668	16.895	135.462	1208.757	1430.142	0.724
827.296	0.999	14.702					0.972
11/20/2016 10:30:00 AM	390600.000	58.672	16.896	135.472	1208.958	1430.370	0.724
827.159	0.999	14.705					0.973
11/20/2016 10:45:00 AM	391500.000	58.649	16.894	135.418	1206.445	1427.435	0.722
828.881	0.999	14.713					0.971
11/20/2016 11:00:00 AM	392400.000	58.652	16.896	135.425	1207.697	1428.873	0.723
828.022	0.999	14.710					0.972

11/20/2016 11:15:00 AM	393300.000	58.657	16.895	135.438	1207.655	1428.843	0.723	0.972
828.051	0.999	14.708						
11/20/2016 11:30:00 AM	394200.000	58.662	16.895	135.448	1207.774	1428.984	0.723	0.972
827.969	0.999	14.704						
11/20/2016 11:45:00 AM	395100.000	58.669	16.894	135.464	1207.531	1428.744	0.723	0.972
828.136	0.999	14.696						
11/20/2016 12:00:00 PM	396000.000	58.670	16.896	135.466	1207.493	1428.629	0.723	0.971
828.162	0.999	14.697						
11/20/2016 12:15:00 PM	396900.000	58.670	16.896	135.466	1207.679	1428.851	0.723	0.972
828.035	0.999	14.700						
11/20/2016 12:30:00 PM	397800.000	58.672	16.895	135.472	1207.580	1428.772	0.723	0.972
828.102	0.999	14.696						
11/20/2016 12:45:00 PM	398700.000	58.690	16.895	135.514	1208.140	1429.414	0.723	0.972
827.719	0.999	14.695						
11/20/2016 1:00:00 PM	399600.000	58.680	16.895	135.491	1206.950	1428.017	0.723	0.971
828.535	0.999	14.691						
11/20/2016 1:15:00 PM	400500.000	58.688	16.895	135.509	1208.746	1430.125	0.724	0.972
827.304	0.999	14.697						
11/20/2016 1:30:00 PM	401400.000	58.701	16.897	135.538	1208.600	1429.916	0.724	0.972
827.404	0.999	14.685						
11/20/2016 1:45:00 PM	402300.000	58.685	16.895	135.503	1209.493	1431.026	0.724	0.973
826.793	0.999	14.684						
11/20/2016 2:00:00 PM	403200.000	58.688	16.894	135.510	1209.426	1430.990	0.724	0.973
826.838	0.999	14.680						
11/20/2016 2:15:00 PM	404100.000	58.694	16.895	135.522	1209.670	1431.233	0.724	0.973
826.672	0.999	14.676						
11/20/2016 2:30:00 PM	405000.000	58.703	16.895	135.543	1209.618	1431.158	0.724	0.973
826.707	0.999	14.680						
11/20/2016 2:45:00 PM	405900.000	58.693	16.896	135.519	1209.295	1430.755	0.724	0.973
826.928	0.999	14.679						
11/20/2016 3:00:00 PM	406800.000	58.698	16.896	135.533	1207.795	1428.969	0.723	0.972
827.955	0.999	14.674						
11/20/2016 3:15:00 PM	407700.000	58.687	16.897	135.507	1207.591	1428.720	0.723	0.972
828.095	0.999	14.683						
11/20/2016 3:30:00 PM	408600.000	58.714	16.897	135.568	1206.977	1427.985	0.723	0.971
828.516	0.999	14.681						
11/20/2016 3:45:00 PM	409500.000	58.692	16.897	135.518	1204.204	1424.687	0.721	0.969
830.424	0.999	14.682						
11/20/2016 4:00:00 PM	410400.000	58.691	16.897	135.516	1202.541	1422.725	0.720	0.967
831.573	0.999	14.681						
11/20/2016 4:15:00 PM	411300.000	58.707	16.899	135.552	1203.970	1424.376	0.721	0.969
830.585	0.999	14.680						
11/20/2016 4:30:00 PM	412200.000	58.710	16.897	135.559	1202.517	1422.708	0.720	0.967
831.589	0.999	14.682						
11/20/2016 4:45:00 PM	413100.000	58.702	16.896	135.542	1199.457	1419.108	0.718	0.965
833.710	0.999	14.674						
11/20/2016 5:00:00 PM	414000.000	58.694	16.897	135.522	1198.209	1417.597	0.717	0.964
834.579	0.999	14.677						
11/20/2016 5:15:00 PM	414900.000	58.715	16.897	135.572	1199.950	1419.673	0.718	0.965
833.368	0.999	14.678						
11/20/2016 5:30:00 PM	415800.000	58.697	16.898	135.530	1200.844	1420.684	0.719	0.966
832.748	0.999	14.680						
11/20/2016 5:45:00 PM	416700.000	58.712	16.898	135.564	1200.904	1420.752	0.719	0.966
832.706	0.999	14.684						
11/20/2016 6:00:00 PM	417600.000	58.714	16.898	135.568	1197.959	1417.271	0.717	0.964
834.753	0.999	14.685						
11/20/2016 6:15:00 PM	418500.000	58.715	16.899	135.571	1196.806	1415.895	0.716	0.963
835.558	0.999	14.689						
11/20/2016 6:30:00 PM	419400.000	58.697	16.899	135.529	1197.987	1417.287	0.717	0.964
834.734	0.999	14.684						
11/20/2016 6:45:00 PM	420300.000	58.694	16.899	135.523	1197.228	1416.380	0.716	0.963
835.263	0.999	14.685						
11/20/2016 7:00:00 PM	421200.000	58.709	16.899	135.558	1197.384	1416.574	0.716	0.963
835.154	0.999	14.689						
11/20/2016 7:15:00 PM	422100.000	58.694	16.898	135.522	1193.190	1411.648	0.714	0.960
838.069	0.999	14.689						
11/20/2016 7:30:00 PM	423000.000	58.695	16.900	135.526	1195.312	1414.088	0.715	0.962
836.602	0.999	14.686						
11/20/2016 7:45:00 PM	423900.000	58.702	16.900	135.542	1194.259	1412.832	0.715	0.961
837.339	0.999	14.683						
11/20/2016 8:00:00 PM	424800.000	58.693	16.901	135.519	1194.385	1412.961	0.715	0.961
837.251	0.999	14.695						
11/20/2016 8:15:00 PM	425700.000	58.713	16.901	135.568	1196.067	1414.947	0.716	0.962
836.074	0.999	14.691						
11/20/2016 8:30:00 PM	426600.000	58.715	16.900	135.572	1194.771	1413.445	0.715	0.961
836.981	0.999	14.691						
11/20/2016 8:45:00 PM	427500.000	58.715	16.901	135.571	1194.482	1413.076	0.715	0.961
837.183	0.999	14.693						
11/20/2016 9:00:00 PM	428400.000	58.714	16.901	135.568	1194.373	1412.933	0.715	0.961
837.259	0.999	14.694						
11/20/2016 9:15:00 PM	429300.000	58.714	16.901	135.568	1194.320	1412.864	0.715	0.961
837.297	0.999	14.693						
11/20/2016 9:30:00 PM	430200.000	58.704	16.901	135.546	1192.656	1410.921	0.713	0.959
838.465	0.999	14.687						
11/20/2016 9:45:00 PM	431100.000	58.714	16.901	135.568	1191.292	1409.288	0.713	0.958
839.425	0.999	14.693						
11/20/2016 10:00:00 PM	432000.000	58.717	16.902	135.575	1192.268	1410.421	0.713	0.959
838.737	0.999	14.691						
11/20/2016 10:15:00 PM	432900.000	58.711	16.903	135.563	1192.489	1410.646	0.713	0.959
838.582	0.999	14.696						
11/20/2016 10:30:00 PM	433800.000	58.712	16.901	135.565	1191.164	1409.161	0.713	0.958
839.515	0.999	14.696						
11/20/2016 10:45:00 PM	434700.000	58.716	16.900	135.574	1193.168	1411.538	0.714	0.960
838.105	0.999	14.696						
11/20/2016 11:00:00 PM	435600.000	58.698	16.902	135.532	1193.379	1411.720	0.714	0.960
837.957	0.999	14.703						
11/20/2016 11:15:00 PM	436500.000	58.712	16.900	135.564	1194.431	1413.046	0.715	0.961
837.218	0.999	14.708						
11/20/2016 11:30:00 PM	437400.000	58.713	16.900	135.567	1191.449	1409.518	0.713	0.958
839.314	0.999	14.705						
11/20/2016 11:45:00 PM	438300.000	58.718	16.903	135.578	1192.336	1410.455	0.713	0.959
836.690	0.999	14.701						
11/21/2016 12:00:00 AM	439200.000	58.714	16.902	135.569	1192.765	1411.008	0.714	0.959
838.388	0.999	14.701						
11/21/2016 12:15:00 AM	440100.000	58.718	16.900	135.578	1193.125	1411.496	0.714	0.960
838.135	0.999	14.701						
11/21/2016 12:30:00 AM	441000.000	58.715	16.899	135.571	1194.901	1413.619	0.715	0.961
836.890	0.999	14.707						
11/21/2016 12:45:00 AM	441900.000	58.720	16.902	135.584	1192.717	1410.951	0.714	0.959
838.422	0.999	14.704						
11/21/2016 1:00:00 AM	442800.000	58.710	16.900	135.561	1193.107	1411.471	0.714	0.960
838.148	0.999	14.699						
11/21/2016 1:15:00 AM	443700.000	58.721	16.899	135.586	1195.068	1413.813	0.715	0.961
836.773	0.999	14.707						
11/21/2016 1:30:00 AM	444600.000	58.719	16.899	135.579	1196.134	1415.077	0.716	0.962
836.027	0.999	14.711						
11/21/2016 1:45:00 AM	445500.000	58.734	16.900	135.614	1195.530	1414.355	0.715	0.962
836.449	0.999	14.706						
11/21/2016 2:00:00 AM	446400.000	58.710	16.898	135.559	1196.463	1415.506	0.716	0.963
835.797	0.999	14.711						
11/21/2016 2:15:00 AM	447300.000	58.732	16.899	135.611	1198.735	1418.167	0.717	0.964
834.212	0.999	14.706						
11/21/2016 2:30:00 AM	448200.000	58.711	16.900	135.562	1195.947	1414.831	0.716	0.962
836.157	0.999	14.711						
11/21/2016 2:45:00 AM	449100.000	58.714	16.900	135.570	1194.994	1413.698	0.715	0.961
836.824	0.999	14.711						
11/21/2016 3:00:00 AM	450000.000	58.718	16.901	135.578	1195.445	1414.218	0.715	0.962
836.509	0.999	14.722						
11/21/2016 3:15:00 AM	450900.000	58.731	16.898	135.608	1197.730	1417.003	0.717	0.964
834.912	0.999	14.710						
11/21/2016 3:30:00 AM	451800.000	58.712	16.899	135.565	1197.907	1417.201	0.717	0.964
834.789	0.999	14.713						
11/21/2016 3:45:00 AM	452700.000	58.737	16.900</					

835.441	0.999	14.711					
11/21/2016 4:00:00 AM	453600.000	58.739	16.901	135.626	1198.541	1417.883	0.717
834.348	0.999	14.712					0.964
11/21/2016 4:15:00 AM	454500.000	58.717		135.575	1199.901	1419.539	0.718
833.402	0.999	14.721					0.965
11/21/2016 4:30:00 AM	455400.000	58.720	16.901	135.584	1199.455	1418.961	0.718
833.712	0.999	14.718					
11/21/2016 4:45:00 AM	456300.000	58.721	16.902	135.584	1196.844	1415.825	0.716
835.531	0.999	14.718					0.963
11/21/2016 5:00:00 AM	457200.000	58.741	16.899	135.630	1195.730	1414.608	0.715
836.309	0.999	14.716					0.962
11/21/2016 5:15:00 AM	458100.000	58.735	16.902	135.617	1198.313	1417.585	0.717
834.507	0.999	14.725					0.964
11/21/2016 5:30:00 AM	459000.000	58.741	16.899	135.631	1194.763	1413.475	0.715
836.986	0.999	14.724					
11/21/2016 5:45:00 AM	459900.000	58.729	16.900	135.602	1197.232	1416.343	0.716
835.260	0.999	14.722					0.963
11/21/2016 6:00:00 AM	460800.000	58.740	16.899	135.629	1196.731	1415.795	0.716
835.610	0.999	14.731					0.963
11/21/2016 6:15:00 AM	461700.000	58.729	16.901	135.604	1197.881	1417.108	0.717
834.807	0.999	14.730					0.964
11/21/2016 6:30:00 AM	462600.000	58.743	16.899	135.636	1197.654	1416.890	0.717
834.966	0.999	14.733					
11/21/2016 6:45:00 AM	463500.000	58.727	16.899	135.598	1197.364	1416.541	0.716
835.168	0.999	14.738					0.963
11/21/2016 7:00:00 AM	464400.000	58.731	16.900	135.608	1196.233	1415.188	0.716
835.958	0.999	14.742					0.962
11/21/2016 7:15:00 AM	465300.000	58.741	16.900	135.631	1198.717	1418.119	0.717
834.225	0.999	14.746					0.964
11/21/2016 7:30:00 AM	466200.000	58.746	16.899	135.643	1200.374	1420.116	0.718
833.074	0.999	14.746					
11/21/2016 7:45:00 AM	467100.000	58.730	16.898	135.605	1197.926	1417.229	0.717
834.776	0.999	14.745					0.964
11/21/2016 8:00:00 AM	468000.000	58.744	16.899	135.639	1195.045	1413.801	0.715
836.788	0.999	14.752					0.961
11/21/2016 8:15:00 AM	468900.000	58.733	16.899	135.612	1196.585	1415.628	0.716
835.711	0.999	14.755					0.963
11/21/2016 8:30:00 AM	469800.000	58.746	16.899	135.643	1195.393	1414.209	0.715
836.545	0.999	14.756					
11/21/2016 8:45:00 AM	470700.000	58.733	16.899	135.614	1197.900	1417.195	0.717
834.794	0.999	14.758					0.964
11/21/2016 9:00:00 AM	471600.000	58.742	16.900	135.634	1196.571	1415.570	0.716
835.721	0.999	14.763					0.963
11/21/2016 9:15:00 AM	472500.000	58.736	16.899	135.620	1197.679	1416.928	0.717
834.948	0.999	14.756					0.964
11/21/2016 9:30:00 AM	473400.000	58.734	16.899	135.616	1196.506	1415.546	0.716
835.767	0.999	14.760					0.963
11/21/2016 9:45:00 AM	474300.000	58.723	16.898	135.612	1195.782	1414.700	0.715
836.273	0.999	14.764					0.962
11/21/2016 10:00:00 AM	475200.000	58.754	16.900	135.662	1195.951	1414.844	0.716
836.155	0.999	14.761					0.962
11/21/2016 10:15:00 AM	476100.000	58.751	16.898	135.654	1196.819	1415.930	0.716
835.548	0.999	14.764					0.963
11/21/2016 10:30:00 AM	477000.000	58.737	16.897	135.621	1195.030	1413.839	0.715
836.799	0.999	14.764					0.961
11/21/2016 10:45:00 AM	477900.000	58.738	16.900	135.619	1196.950	1416.026	0.716
835.456	0.999	14.766					0.963
11/21/2016 11:00:00 AM	478800.000	58.737	16.899	135.623	1196.267	1415.235	0.716
835.934	0.999	14.765					0.962
11/21/2016 11:15:00 AM	479700.000	58.755	16.898	135.665	1197.335	1416.532	0.716
835.188	0.999	14.764					0.963
11/21/2016 11:30:00 AM	480600.000	58.737	16.901	135.623	1197.462	1416.603	0.716
835.100	0.999	14.766					0.963
11/21/2016 11:45:00 AM	481500.000	58.756	16.899	135.666	1197.356	1416.542	0.716
835.174	0.999	14.761					0.963
11/21/2016 12:00:00 PM	482400.000	58.745	16.899	135.640	1198.825	1418.289	0.717
834.150	0.999	14.760					0.964
11/21/2016 12:15:00 PM	483300.000	58.742	16.899	135.633	1198.322	1417.691	0.717
834.500	0.999	14.759					
11/21/2016 12:30:00 PM	484200.000	58.746	16.900	135.644	1196.909	1415.983	0.716
835.486	0.999	14.759					0.963
11/21/2016 12:45:00 PM	485100.000	58.743	16.897	135.635	1196.375	1415.427	0.716
835.858	0.999	14.762					0.962
11/21/2016 1:00:00 PM	486000.000	58.761	16.897	135.678	1196.229	1415.254	0.716
835.960	0.999	14.757					0.962
11/21/2016 1:15:00 PM	486900.000	58.746	16.899	135.643	1195.792	1414.698	0.715
836.266	0.999	14.758					
11/21/2016 1:30:00 PM	487800.000	58.763	16.898	135.681	1195.932	1414.880	0.716
836.168	0.999	14.755					0.962
11/21/2016 1:45:00 PM	488700.000	58.750	16.899	135.651	1197.860	1417.125	0.717
834.822	0.999	14.759					0.964
11/21/2016 2:00:00 PM	489600.000	58.765	16.897	135.687	1197.784	1417.111	0.717
834.875	0.999	14.761					0.964
11/21/2016 2:15:00 PM	490500.000	58.772	16.899	135.703	1198.840	1418.290	0.717
834.140	0.999	14.756					
11/21/2016 2:30:00 PM	491400.000	58.768	16.897	135.694	1198.958	1418.486	0.717
834.057	0.999	14.759					0.965
11/21/2016 2:45:00 PM	492300.000	58.771	16.897	135.701	1195.793	1414.738	0.716
836.265	0.999	14.759					0.962
11/21/2016 3:00:00 PM	493200.000	58.754	16.899	135.662	1198.320	1417.669	0.717
834.502	0.999	14.763					0.964
11/21/2016 3:15:00 PM	494100.000	58.754	16.897	135.661	1198.989	1418.537	0.718
834.036	0.999	14.760					
11/21/2016 3:30:00 PM	495000.000	58.771	16.896	135.699	1199.546	1419.218	0.718
833.649	0.999	14.762					0.965
11/21/2016 3:45:00 PM	495900.000	58.749	16.898	135.649	1199.072	1418.585	0.718
833.978	0.999	14.769					0.965
11/21/2016 4:00:00 PM	496800.000	58.766	16.897	135.690	1193.326	1411.834	0.714
837.994	0.999	14.766					0.960
11/21/2016 4:15:00 PM	497700.000	58.755	16.899	135.664	1198.042	1417.335	0.717
834.695	0.999	14.766					
11/21/2016 4:30:00 PM	498600.000	58.749	16.898	135.649	1197.920	1417.230	0.717
834.780	0.999	14.771					0.964
11/21/2016 4:45:00 PM	499500.000	58.769	16.899	135.696	1198.132	1417.449	0.717
834.633	0.999	14.765					0.964
11/21/2016 5:00:00 PM	500400.000	58.780	16.897	135.721	1198.836	1418.358	0.717
834.143	0.999	14.762					0.964
11/21/2016 5:15:00 PM	501300.000	58.753	16.899	135.659	1198.948	1418.429	0.717
834.065	0.999	14.768					0.965
11/21/2016 5:30:00 PM	502200.000	58.765	16.898	135.686	1198.859	1418.336	0.717
834.126	0.999	14.775					0.964
11/21/2016 5:45:00 PM	503100.000	58.748	16.898	135.646	1199.370	1418.943	0.718
833.771	0.999	14.775					0.965
11/21/2016 6:00:00 PM	504000.000	58.748	16.896	135.646	1199.383	1419.034	0.718
833.762	0.999	14.781					0.965
11/21/2016 6:15:00 PM	504900.000	58.755	16.898	135.663	1200.431	1420.200	0.718
833.034	0.999	14.783					0.966
11/21/2016 6:30:00 PM	505800.000	58.749	16.897	135.649	1199.372	1418.979	0.718
833.769	0.999	14.787					0.965
11/21/2016 6:45:00 PM	506700.000	58.758	16.897	135.669	1199.808	1419.505	0.718
833.467	0.999	14.786					0.965
11/21/2016 7:00:00 PM	507600.000	58.767	16.897	135.690	1199.120	1418.686	0.718
833.945	0.999	14.788					
11/21/2016 7:15:00 PM	508500.000	58.750	16.895	135.653	1198.317	1417.801	0.717
834.504	0.999	14.789					0.964
11/21/2016 7:30:00 PM	509400.000	58.753	16.896	135.659	1200.401	1420.238	0.718
833.055	0.999	14.791					0.966
11/21/2016 7:45:00 PM	510300.000	58.767	16.897	135.691	1203.252	1423.572	0.720
831.061	0.999	14.799					0.968
11/21/2016 8:00:00 PM	511200.000	58.760	16.896	135.676	1201.350	1421.344	0.719
832.397	0.999	14.789					
11/21/2016 8:15:00 PM	512100.000	58.772	16.896	135.703	1199.932	1419.664	0.718
833.380	0.999	14.799					0.965

11/21/2016 8:30:00 PM	513000.000	58.760	16.895	135.676	1201.065	1421.057	0.719	0.966
832.594	0.999	14.798						
11/21/2016 8:45:00 PM	513900.000	58.768	16.896	135.693	1199.455	1419.113	0.718	0.965
833.712	0.999	14.807						
11/21/2016 9:00:00 PM	514800.000	58.770	16.895	135.697	1200.637	1420.532	0.719	0.966
832.891	0.999	14.805						
11/21/2016 9:15:00 PM	515700.000	58.761	16.897	135.678	1202.871	1423.125	0.720	0.968
831.344	0.999	14.804						
11/21/2016 9:30:00 PM	516600.000	58.754	16.896	135.661	1201.709	1421.774	0.719	0.967
832.148	0.999	14.810						
11/21/2016 9:45:00 PM	517500.000	58.773	16.898	135.705	1203.126	1423.403	0.720	0.968
831.168	0.999	14.810						
11/21/2016 10:00:00 PM	518400.000	58.758	16.896	135.671	1203.208	1423.540	0.720	0.968
831.111	0.999	14.809						
11/21/2016 10:15:00 PM	519300.000	58.772	16.898	135.702	1203.313	1423.627	0.720	0.968
831.039	0.999	14.817						
11/21/2016 10:30:00 PM	520200.000	58.760	16.897	135.676	1203.097	1423.402	0.720	0.968
831.188	0.999	14.809						
11/21/2016 10:45:00 PM	521100.000	58.754	16.896	135.661	1204.059	1424.557	0.721	0.969
830.524	0.999	14.818						
11/21/2016 11:00:00 PM	522000.000	58.765	16.897	135.686	1205.122	1425.801	0.721	0.970
829.792	0.999	14.812						
11/21/2016 11:15:00 PM	522900.000	58.783	16.895	135.728	1204.284	1424.857	0.721	0.969
830.369	0.999	14.811						
11/21/2016 11:30:00 PM	523800.000	58.779	16.899	135.720	1204.519	1425.023	0.721	0.969
830.207	0.999	14.814						
11/21/2016 11:45:00 PM	524700.000	58.769	16.897	135.695	1204.161	1424.656	0.721	0.969
830.453	0.999	14.809						
11/22/2016 12:00:00 AM	525600.000	58.773	16.897	135.704	1203.547	1423.935	0.720	0.968
830.878	0.999	14.809						
11/22/2016 12:15:00 AM	526500.000	58.760	16.896	135.675	1204.271	1424.809	0.721	0.969
830.378	0.999	14.815						
11/22/2016 12:30:00 AM	527400.000	58.777	16.897	135.715	1203.799	1424.224	0.721	0.968
830.703	0.999	14.819						
11/22/2016 12:45:00 AM	528300.000	58.766	16.896	135.689	1203.231	1423.583	0.720	0.968
831.096	0.999	14.815						
11/22/2016 1:00:00 AM	529200.000	58.770	16.894	135.698	1204.209	1424.800	0.721	0.969
830.421	0.999	14.812						
11/22/2016 1:15:00 AM	530100.000	58.774	16.895	135.707	1204.321	1424.890	0.721	0.969
830.343	0.999	14.810						
11/22/2016 1:30:00 AM	531000.000	58.798	16.896	135.763	1201.816	1421.904	0.719	0.967
832.074	0.999	14.800						
11/22/2016 1:45:00 AM	531900.000	58.778	16.896	135.716	1202.973	1423.273	0.720	0.968
831.274	0.999	14.809						
11/22/2016 2:00:00 AM	532800.000	58.766	16.898	135.689	1204.069	1424.524	0.721	0.969
830.517	0.999	14.819						
11/22/2016 2:15:00 AM	533700.000	58.774	16.897	135.708	1204.054	1424.509	0.721	0.969
830.528	0.999	14.816						
11/22/2016 2:30:00 AM	534600.000	58.785	16.894	135.733	1203.397	1423.842	0.720	0.968
830.981	0.999	14.808						
11/22/2016 2:45:00 AM	535500.000	58.793	16.896	135.752	1204.136	1424.646	0.721	0.969
830.471	0.999	14.817						
11/22/2016 3:00:00 AM	536400.000	58.773	16.897	135.704	1205.179	1425.841	0.721	0.970
829.752	0.999	14.817						
11/22/2016 3:15:00 AM	537300.000	58.788	16.896	135.739	1204.571	1425.155	0.721	0.969
830.171	0.999	14.809						
11/22/2016 3:30:00 AM	538200.000	58.787	16.896	135.738	1204.979	1425.637	0.721	0.969
829.890	0.999	14.810						
11/22/2016 3:45:00 AM	539100.000	58.788	16.896	135.740	1205.101	1425.810	0.721	0.970
829.896	0.999	14.812						
11/22/2016 4:00:00 AM	540000.000	58.788	16.895	135.740	1205.680	1426.504	0.722	0.970
829.407	0.999	14.814						
11/22/2016 4:15:00 AM	540900.000	58.789	16.896	135.743	1205.433	1426.203	0.722	0.970
829.577	0.999	14.814						
11/22/2016 4:30:00 AM	541800.000	58.795	16.897	135.756	1205.106	1425.759	0.721	0.970
829.803	0.999	14.813						
11/22/2016 4:45:00 AM	542700.000	58.796	16.895	135.758	1205.079	1425.796	0.721	0.970
829.821	0.999	14.814						
11/22/2016 5:00:00 AM	543600.000	58.797	16.895	135.760	1203.959	1424.482	0.721	0.969
830.593	0.999	14.814						
11/22/2016 5:15:00 AM	544500.000	58.797	16.896	135.760	1204.122	1424.635	0.721	0.969
830.481	0.999	14.820						
11/22/2016 5:30:00 AM	545400.000	58.805	16.895	135.778	1204.044	1424.591	0.721	0.969
830.534	0.999	14.815						
11/22/2016 5:45:00 AM	546300.000	58.803	16.895	135.775	1202.748	1423.032	0.720	0.968
831.430	0.999	14.817						
11/22/2016 6:00:00 AM	547200.000	58.817	16.895	135.806	1202.210	1422.407	0.720	0.967
831.801	0.999	14.822						
11/22/2016 6:15:00 AM	548100.000	58.806	16.895	135.785	1203.221	1423.614	0.720	0.968
831.103	0.999	14.816						
11/22/2016 6:30:00 AM	549000.000	58.819	16.896	135.811	1203.606	1424.031	0.720	0.968
830.836	0.999	14.824						
11/22/2016 6:45:00 AM	549900.000	58.812	16.895	135.795	1203.750	1424.220	0.721	0.968
830.737	0.999	14.818						
11/22/2016 7:00:00 AM	550800.000	58.826	16.896	135.827	1203.524	1423.936	0.720	0.968
830.893	0.999	14.822						
11/22/2016 7:15:00 AM	551700.000	58.826	16.894	135.832	1203.494	1423.959	0.720	0.968
830.914	0.999	14.826						
11/22/2016 7:30:00 AM	552600.000	58.827	16.894	135.831	1203.859	1424.394	0.721	0.969
830.662	0.999	14.829						
11/22/2016 7:45:00 AM	553500.000	58.827	16.894	135.830	1204.601	1425.252	0.721	0.969
830.151	0.999	14.830						
11/22/2016 8:00:00 AM	554400.000	58.833	16.895	135.843	1204.775	1425.436	0.721	0.969
830.030	0.999	14.830						
11/22/2016 8:15:00 AM	555300.000	58.819	16.895	135.812	1205.235	1425.991	0.721	0.970
829.714	0.999	14.829						
11/22/2016 8:30:00 AM	556200.000	58.815	16.895	135.802	1204.717	1425.387	0.721	0.969
830.070	0.999	14.834						
11/22/2016 8:45:00 AM	557100.000	58.817	16.895	135.807	1204.953	1425.647	0.721	0.969
829.908	0.999	14.837						
11/22/2016 9:00:00 AM	558000.000	58.834	16.894	135.846	1205.609	1426.468	0.722	0.970
829.456	0.999	14.836						
11/22/2016 9:15:00 AM	558900.000	58.818	16.894	135.808	1205.561	1426.394	0.722	0.970
829.489	0.999	14.838						
11/22/2016 9:30:00 AM	559800.000	58.842	16.895	135.865	1203.030	1423.380	0.720	0.968
831.235	0.999	14.829						
11/22/2016 9:45:00 AM	560700.000	58.825	16.894	135.824	1203.594	1424.084	0.720	0.968
830.845	0.999	14.833						
11/22/2016 10:00:00 AM	561600.000	58.834	16.894	135.846	1203.869	1424.397	0.721	0.969
830.655	0.999	14.838						
11/22/2016 10:15:00 AM	562500.000	58.820	16.894	135.813	1203.574	1424.049	0.720	0.968
830.859	0.999	14.836						
11/22/2016 10:30:00 AM	563400.000	58.820	16.894	135.813	1203.275	1423.686	0.720	0.968
831.066	0.999	14.835						
11/22/2016 10:45:00 AM	564300.000	58.826	16.895	135.828	1203.904	1424.410	0.721	0.969
830.631	0.999	14.830						
11/22/2016 11:00:00 AM	565200.000	58.842	16.895	135.865	1205.064	1425.786	0.721	0.970
829.832	0.999	14.826						
11/22/2016 11:15:00 AM	566100.000	58.821	16.895	135.815	1205.597	1426.422	0.722	0.970
829.465	0.999	14.829						
11/22/2016 11:30:00 AM	567000.000	58.826	16.894	135.828	1204.980	1425.721	0.721	0.969
829.889	0.999	14.818						
11/22/2016 11:45:00 AM	567900.000	58.843	16.891	135.867	1203.979	1424.624	0.721	0.969
830.579	0.999	14.817						
11/22/2016 12:00:00 PM	568800.000	58.827	16.893	135.830	1204.751	1425.490	0.721	0.969
830.047	0.999	14.814						
11/22/2016 12:15:00 PM	569700.000	58.831	16.895	135.840	1204.541	1425.164	0.721	0.969
830.192	0.999	14.807						
11/22/2016 12:30:00 PM	570600.000	58.826	16.894	135.827	1204.493	1425.131	0.721	0.969
830.225	0.999	14.810						
11/22/2016 12:45:00 PM	571500.000	58.840	16.894	135.860	1204.609	1425.276	0.721	0.969
830.145	0.999	14.811						
11/22/2016 1:00:00 PM	572400.000	58.823	16					

829.606	0.999	14.810					
11/22/2016 1:15:00 PM	573300.000	58.820	16.893	135.814	1205.344	1426.188	0.722
829.638	0.999	14.808					0.970
11/22/2016 1:30:00 PM	574200.000	58.823	16.894	135.820	1205.118	1425.872	0.721
829.795	0.999	14.807					0.970
11/22/2016 1:45:00 PM	575100.000	58.845	16.892	135.870	1204.652	1425.386	0.721
830.115	0.999	14.802					0.969
11/22/2016 2:00:00 PM	576000.000	58.831	16.892	135.839	1204.685	1425.437	0.721
830.092	0.999	14.800					0.969
11/22/2016 2:15:00 PM	576900.000	58.822	16.893	135.818	1205.282	1426.106	0.722
829.681	0.999	14.803					0.970
11/22/2016 2:30:00 PM	577800.000	58.814	16.895	135.800	1204.928	1425.625	0.721
829.925	0.999	14.809					0.969
11/22/2016 2:45:00 PM	578700.000	58.808	16.895	135.786	1205.079	1425.804	0.721
829.821	0.999	14.808					0.970
11/22/2016 3:00:00 PM	579600.000	58.818	16.895	135.810	1204.829	1425.500	0.721
829.993	0.999	14.801					0.969
11/22/2016 3:15:00 PM	580500.000	58.808	16.894	135.786	1202.876	1423.214	0.720
831.341	0.999	14.809					0.968
11/22/2016 3:30:00 PM	581400.000	58.804	16.897	135.776	1202.803	1423.055	0.720
831.391	0.999	14.811					0.968
11/22/2016 3:45:00 PM	582300.000	58.825	16.894	135.825	1202.477	1422.742	0.720
831.617	0.999	14.805					0.967
11/22/2016 4:00:00 PM	583200.000	58.805	16.894	135.778	1202.345	1422.592	0.720
831.708	0.999	14.807					0.967
11/22/2016 4:15:00 PM	584100.000	58.800	16.894	135.768	1202.182	1422.390	0.720
831.821	0.999	14.809					0.967
11/22/2016 4:30:00 PM	585000.000	58.799	16.895	135.764	1202.738	1423.028	0.720
831.437	0.999	14.809					0.968
11/22/2016 4:45:00 PM	585900.000	58.806	16.894	135.780	1203.388	1423.828	0.720
830.987	0.999	14.813					0.968
11/22/2016 5:00:00 PM	586800.000	58.791	16.896	135.747	1204.051	1424.562	0.721
830.529	0.999	14.809					0.969
11/22/2016 5:15:00 PM	587700.000	58.809	16.893	135.788	1204.136	1424.765	0.721
830.471	0.999	14.812					0.969
11/22/2016 5:30:00 PM	588600.000	58.793	16.894	135.750	1203.979	1424.523	0.721
830.579	0.999	14.809					0.969
11/22/2016 5:45:00 PM	589500.000	58.806	16.896	135.782	1203.556	1423.960	0.720
830.871	0.999	14.811					0.968
11/22/2016 6:00:00 PM	590400.000	58.784	16.895	135.731	1202.629	1422.897	0.720
831.511	0.999	14.814					0.968
11/22/2016 6:15:00 PM	591300.000	58.794	16.893	135.753	1202.022	1422.233	0.719
831.931	0.999	14.813					0.967
11/22/2016 6:30:00 PM	592200.000	58.806	16.894	135.781	1203.039	1423.404	0.720
831.228	0.999	14.814					0.968
11/22/2016 6:45:00 PM	593100.000	58.793	16.893	135.751	1202.725	1423.066	0.720
831.445	0.999	14.807					0.968
11/22/2016 7:00:00 PM	594000.000	58.796	16.894	135.758	1202.913	1423.278	0.720
831.315	0.999	14.809					0.968
11/22/2016 7:15:00 PM	594900.000	58.790	16.895	135.744	1203.111	1423.478	0.720
831.178	0.999	14.813					0.968
11/22/2016 7:30:00 PM	595800.000	58.787	16.894	135.738	1202.859	1423.194	0.720
831.353	0.999	14.816					0.968
11/22/2016 7:45:00 PM	596700.000	58.794	16.895	135.752	1202.904	1423.234	0.720
831.321	0.999	14.810					0.968
11/22/2016 8:00:00 PM	597600.000	58.810	16.894	135.790	1203.422	1423.860	0.720
830.964	0.999	14.814					0.968
11/22/2016 8:15:00 PM	598500.000	58.802	16.894	135.773	1203.672	1424.161	0.720
830.791	0.999	14.814					0.968
11/22/2016 8:30:00 PM	599400.000	58.811	16.893	135.794	1203.431	1423.916	0.720
830.957	0.999	14.808					0.968
11/22/2016 8:45:00 PM	600300.000	58.787	16.892	135.736	1203.484	1423.996	0.720
830.921	0.999	14.813					0.968
11/22/2016 9:00:00 PM	601200.000	58.809	16.894	135.788	1202.970	1423.334	0.720
831.276	0.999	14.807					0.968
11/22/2016 9:15:00 PM	602100.000	58.789	16.894	135.743	1203.037	1423.430	0.720
831.230	0.999	14.812					0.968
11/22/2016 9:30:00 PM	603000.000	58.794	16.893	135.754	1203.492	1423.974	0.720
830.915	0.999	14.809					0.968
11/22/2016 9:45:00 PM	603900.000	58.798	16.895	135.762	1203.553	1423.984	0.720
830.873	0.999	14.807					0.968
11/22/2016 10:00:00 PM	604800.000	58.811	16.895	135.793	1203.061	1423.419	0.720
831.213	0.999	14.809					0.968
11/22/2016 10:15:00 PM	605700.000	58.791	16.894	135.747	1203.075	1423.469	0.720
831.204	0.999	14.815					0.968
11/22/2016 10:30:00 PM	606600.000	58.796	16.894	135.757	1203.191	1423.603	0.720
831.124	0.999	14.811					0.968
11/22/2016 10:45:00 PM	607500.000	58.796	16.894	135.757	1203.419	1423.871	0.720
830.966	0.999	14.814					0.968
11/22/2016 11:00:00 PM	608400.000	58.787	16.895	135.737	1203.004	1423.349	0.720
831.253	0.999	14.816					0.968
11/22/2016 11:15:00 PM	609300.000	58.795	16.894	135.755	1201.257	1421.311	0.719
832.461	0.999	14.814					0.966
11/22/2016 11:30:00 PM	610200.000	58.801	16.894	135.769	1200.022	1419.855	0.718
833.318	0.999	14.810					0.966
11/22/2016 11:45:00 PM	611100.000	58.803	16.893	135.774	1201.141	1421.195	0.719
832.542	0.999	14.807					0.966
11/23/2016 12:00:00 AM	612000.000	58.811	16.895	135.793	1200.630	1420.523	0.719
832.896	0.999	14.808					0.966
11/23/2016 12:15:00 AM	612900.000	58.801	16.896	135.769	1200.654	1420.540	0.719
832.880	0.999	14.818					0.966
11/23/2016 12:30:00 AM	613800.000	58.793	16.895	135.752	1200.863	1420.824	0.719
832.734	0.999	14.812					0.966
11/23/2016 12:45:00 AM	614700.000	58.816	16.896	135.803	1201.794	1421.874	0.719
832.090	0.999	14.805					0.967
11/23/2016 1:00:00 AM	615600.000	58.807	16.895	135.784	1200.877	1420.835	0.719
832.725	0.999	14.801					0.966
11/23/2016 1:15:00 AM	616500.000	58.818	16.895	135.810	1200.798	1420.750	0.719
832.780	0.999	14.804					0.966
11/23/2016 1:30:00 AM	617400.000	58.823	16.895	135.820	1201.362	1421.403	0.719
832.389	0.999	14.803					0.967
11/23/2016 1:45:00 AM	618300.000	58.804	16.895	135.776	1203.028	1423.360	0.720
831.236	0.999	14.810					0.968
11/23/2016 2:00:00 AM	619200.000	58.809	16.895	135.789	1202.974	1423.314	0.720
831.273	0.999	14.809					0.968
11/23/2016 2:15:00 AM	620100.000	58.802	16.895	135.772	1202.632	1422.900	0.720
831.510	0.999	14.818					0.968
11/23/2016 2:30:00 AM	621000.000	58.806	16.895	135.781	1202.066	1422.222	0.719
831.901	0.999	14.818					0.967
11/23/2016 2:45:00 AM	621900.000	58.830	16.894	135.836	1201.977	1422.159	0.719
831.963	0.999	14.812					0.967
11/23/2016 3:00:00 AM	622800.000	58.813	16.894	135.798	1202.491	1422.756	0.720
831.607	0.999	14.814					0.967
11/23/2016 3:15:00 AM	623700.000	58.835	16.895	135.848	1203.052	1423.394	0.720
831.219	0.999	14.814					0.968
11/23/2016 3:30:00 AM	624600.000	58.820	16.894	135.814	1202.034	1422.218	0.719
831.923	0.999	14.827					0.967
11/23/2016 3:45:00 AM	625500.000	58.809	16.895	135.788	1201.644	1421.743	0.719
832.193	0.999	14.831					0.967
11/23/2016 4:00:00 AM	626400.000	58.806	16.895	135.781	1201.260	1421.288	0.719
832.459	0.999	14.837					0.966
11/23/2016 4:15:00 AM	627300.000	58.826	16.895	135.827	1201.108	1421.112	0.719
832.564	0.999	14.839					0.966
11/23/2016 4:30:00 AM	628200.000	58.809	16.893	135.787	1201.144	1421.198	0.719
832.540	0.999	14.846					0.966
11/23/2016 4:45:00 AM	629100.000	58.815	16.894	135.802	1202.238	1422.457	0.720
831.782	0.999	14.845					0.967
11/23/2016 5:00:00 AM	630000.000	58.834	16.895	135.847	1202.506	1422.749	0.720
831.596	0.999	14.842					0.967
11/23/2016 5:15:00 AM	630900.000	58.828	16.897	135.833	1203.013	1423.297	0.720
831.246	0.999	14.852					0.968
11/23/2016 5:30:00 AM	631800.000	58.815	16.895	135.801	1202.430	1422.653	0.720
831.649	0.999	14.851					0.967

11/23/2016 5:45:00 AM	632700.000	58.830	16.894	135.836	1201.019	1421.029	0.719	0.966
832.626	0.999	14.853						
11/23/2016 6:00:00 AM	633600.000	58.808	16.893	135.785	1201.160	1421.243	0.719	0.966
832.529	0.999	14.863						
11/23/2016 6:15:00 AM	634500.000	58.815	16.895	135.802	1201.011	1420.980	0.719	0.966
832.632	0.999	14.859						
11/23/2016 6:30:00 AM	635400.000	58.837	16.893	135.853	1200.485	1420.425	0.719	0.966
832.997	0.999	14.853						
11/23/2016 6:45:00 AM	636300.000	58.828	16.895	135.833	1198.421	1417.913	0.717	0.964
834.431	0.999	14.865						
11/23/2016 7:00:00 AM	637200.000	58.836	16.893	135.850	1199.750	1419.550	0.718	0.965
833.507	0.999	14.866						
11/23/2016 7:15:00 AM	638100.000	58.837	16.893	135.854	1200.484	1420.418	0.719	0.966
832.997	0.999	14.867						
11/23/2016 7:30:00 AM	639000.000	58.822	16.894	135.818	1201.245	1421.299	0.719	0.966
832.469	0.999	14.872						
11/23/2016 7:45:00 AM	639900.000	58.840	16.896	135.859	1201.474	1421.518	0.719	0.967
832.311	0.999	14.872						
11/23/2016 8:00:00 AM	640800.000	58.817	16.894	135.808	1202.074	1422.271	0.719	0.967
831.895	0.999	14.877						
11/23/2016 8:15:00 AM	641700.000	58.819	16.893	135.811	1202.170	1422.418	0.720	0.967
831.829	0.999	14.884						
11/23/2016 8:30:00 AM	642600.000	58.824	16.894	135.823	1201.586	1421.699	0.719	0.967
832.234	0.999	14.878						
11/23/2016 8:45:00 AM	643500.000	58.819	16.894	135.811	1201.250	1421.293	0.719	0.966
832.466	0.999	14.886						
11/23/2016 9:00:00 AM	644400.000	58.831	16.894	135.839	1201.667	1421.806	0.719	0.967
832.177	0.999	14.887						
11/23/2016 9:15:00 AM	645300.000	58.837	16.895	135.853	1201.657	1421.746	0.719	0.967
832.185	0.999	14.892						
11/23/2016 9:30:00 AM	646200.000	58.815	16.894	135.802	1200.998	1421.001	0.719	0.966
832.641	0.999	14.893						
11/23/2016 9:45:00 AM	647100.000	58.814	16.895	135.800	1200.995	1420.980	0.719	0.966
832.643	0.999	14.888						
11/23/2016 10:00:00 AM	648000.000	58.812	16.894	135.796	1201.444	1421.534	0.719	0.967
832.332	0.999	14.894						
11/23/2016 10:15:00 AM	648900.000	58.808	16.894	135.786	1201.085	1421.115	0.719	0.966
832.580	0.999	14.905						
11/23/2016 10:30:00 AM	649800.000	58.786	16.892	135.736	1201.012	1421.074	0.719	0.966
832.631	0.999	14.900						
11/23/2016 10:45:00 AM	650700.000	58.777	16.890	135.715	1201.205	1421.373	0.719	0.967
832.497	0.999	14.901						
11/23/2016 11:00:00 AM	651600.000	58.773	16.893	135.706	1201.297	1421.380	0.719	0.967
832.434	0.999	14.897						
11/23/2016 11:15:00 AM	652500.000	58.777	16.893	135.714	1201.473	1421.588	0.719	0.967
832.312	0.999	14.896						
11/23/2016 11:30:00 AM	653400.000	58.760	16.891	135.676	1202.836	1423.269	0.720	0.968
831.368	0.999	14.891						
11/23/2016 11:45:00 AM	654300.000	58.749	16.895	135.650	1203.141	1423.506	0.720	0.968
831.157	0.999	14.891						
11/23/2016 12:00:00 PM	655200.000	58.748	16.893	135.647	1203.207	1423.648	0.720	0.968
831.112	0.999	14.890						
11/23/2016 12:15:00 PM	656100.000	58.745	16.893	135.639	1203.151	1423.579	0.720	0.968
831.151	0.999	14.886						
11/23/2016 12:30:00 PM	657000.000	58.748	16.893	135.648	1202.648	1422.998	0.720	0.968
831.498	0.999	14.883						
11/23/2016 12:45:00 PM	657900.000	58.754	16.894	135.661	1202.413	1422.674	0.720	0.967
831.661	0.999	14.878						
11/23/2016 1:00:00 PM	658800.000	58.755	16.895	135.663	1201.193	1421.207	0.719	0.966
832.505	0.999	14.873						
11/23/2016 1:15:00 PM	659700.000	58.763	16.896	135.682	1200.489	1420.345	0.718	0.966
832.994	0.999	14.876						
11/23/2016 1:30:00 PM	660600.000	58.753	16.894	135.659	1200.197	1420.042	0.718	0.966
833.196	0.999	14.871						
11/23/2016 1:45:00 PM	661500.000	58.752	16.893	135.657	1199.861	1419.697	0.718	0.965
833.430	0.999	14.873						
11/23/2016 2:00:00 PM	662400.000	58.763	16.894	135.682	1200.167	1420.026	0.718	0.966
833.217	0.999	14.877						
11/23/2016 2:15:00 PM	663300.000	58.761	16.893	135.677	1201.734	1421.894	0.719	0.967
832.131	0.999	14.879						
11/23/2016 2:30:00 PM	664200.000	58.750	16.893	135.652	1201.861	1422.042	0.719	0.967
832.043	0.999	14.874						
11/23/2016 2:45:00 PM	665100.000	58.774	16.894	135.707	1201.632	1421.762	0.719	0.967
832.202	0.999	14.870						
11/23/2016 3:00:00 PM	666000.000	58.753	16.894	135.658	1201.046	1421.066	0.719	0.966
832.608	0.999	14.872						
11/23/2016 3:15:00 PM	666900.000	58.769	16.894	135.696	1200.612	1420.561	0.719	0.966
832.909	0.999	14.874						
11/23/2016 3:30:00 PM	667800.000	58.766	16.892	135.689	1201.365	1421.496	0.719	0.967
832.387	0.999	14.875						
11/23/2016 3:45:00 PM	668700.000	58.769	16.893	135.695	1201.777	1421.945	0.719	0.967
832.101	0.999	14.872						
11/23/2016 4:00:00 PM	669600.000	58.752	16.893	135.656	1201.620	1421.782	0.719	0.967
832.210	0.999	14.871						
11/23/2016 4:15:00 PM	670500.000	58.749	16.894	135.651	1201.578	1421.678	0.719	0.967
832.239	0.999	14.874						
11/23/2016 4:30:00 PM	671400.000	58.746	16.893	135.643	1201.151	1421.202	0.719	0.966
832.535	0.999	14.874						
11/23/2016 4:45:00 PM	672300.000	58.754	16.893	135.661	1201.833	1422.026	0.719	0.967
832.062	0.999	14.866						
11/23/2016 5:00:00 PM	673200.000	58.742	16.893	135.634	1201.664	1421.817	0.719	0.967
832.179	0.999	14.875						
11/23/2016 5:15:00 PM	674100.000	58.743	16.893	135.635	1201.770	1421.951	0.719	0.967
832.106	0.999	14.877						
11/23/2016 5:30:00 PM	675000.000	58.743	16.892	135.635	1203.211	1423.676	0.720	0.968
831.109	0.999	14.877						
11/23/2016 5:45:00 PM	675900.000	58.756	16.895	135.666	1203.639	1424.086	0.720	0.968
830.814	0.999	14.879						
11/23/2016 6:00:00 PM	676800.000	58.739	16.894	135.625	1203.289	1423.728	0.720	0.968
831.056	0.999	14.882						
11/23/2016 6:15:00 PM	677700.000	58.754	16.895	135.662	1201.641	1421.747	0.719	0.967
832.196	0.999	14.881						
11/23/2016 6:30:00 PM	678600.000	58.732	16.896	135.609	1201.443	1421.473	0.719	0.967
832.333	0.999	14.888						
11/23/2016 6:45:00 PM	679500.000	58.737	16.895	135.623	1201.304	1421.324	0.719	0.967
832.429	0.999	14.886						
11/23/2016 7:00:00 PM	680400.000	58.735	16.895	135.618	1200.731	1420.669	0.719	0.966
832.826	0.999	14.889						
11/23/2016 7:15:00 PM	681300.000	58.734	16.895	135.616	1200.846	1420.793	0.719	0.966
832.746	0.999	14.886						
11/23/2016 7:30:00 PM	682200.000	58.732	16.894	135.610	1201.022	1421.035	0.719	0.966
832.624	0.999	14.891						
11/23/2016 7:45:00 PM	683100.000	58.747	16.895	135.644	1199.621	1419.352	0.718	0.965
833.596	0.999	14.892						
11/23/2016 8:00:00 PM	684000.000	58.733	16.893	135.614	1199.547	1419.323	0.718	0.965
833.648	0.999	14.891						
11/23/2016 8:15:00 PM	684900.000	58.747	16.895	135.646	1199.476	1419.172	0.718	0.965
833.697	0.999	14.896						
11/23/2016 8:30:00 PM	685800.000	58.737	16.894	135.621	1201.844	1422.015	0.719	0.967
832.065	0.999	14.891						
11/23/2016 8:45:00 PM	686700.000	58.746	16.893	135.648	1202.525	1422.832	0.720	0.968
831.584	0.999	14.895						
11/23/2016 9:00:00 PM	687600.000	58.734	16.894	135.615	1202.040	1422.229	0.719	0.967
831.919	0.999	14.892						
11/23/2016 9:15:00 PM	688500.000	58.741	16.893	135.631	1201.737	1421.901	0.719	0.967
832.129	0.999	14.893						
11/23/2016 9:30:00 PM	689400.000	58.736	16.892	135.620	1200.983	1421.039	0.719	0.966
832.651	0.999	14.898						
11/23/2016 9:45:00 PM	690300.000	58.755	16.893	135.664	1201.095	1421.155	0.719	0.966
832.574	0.999	14.899						
11/23/2016 10:00:00 PM	691200.000	58.741	16.893	135.632	1200.933	1420.946	0.719	0.966
832.686	0.999	14.896						
11/23/2016 10:15:00 PM	692100.000	58.751	16.894	1				

832.266	0.999	14.903							
11/23/2016 10:30:00 PM	693000.000	58.741	16.894	135.631	1200.970	1420.982	0.719	0.966	
832.660	0.999	14.900							
11/23/2016 10:45:00 PM	693900.000	58.740	16.893	135.628	1200.383	1420.301	0.718	0.966	
833.068	0.999	14.900							
11/23/2016 11:00:00 PM	694800.000	58.736	16.895	135.620	1199.966	1419.763	0.718	0.965	
833.357	0.999	14.905							
11/23/2016 11:15:00 PM	695700.000	58.755	16.895	135.662	1200.149	1419.983	0.718	0.966	
833.230	0.999	14.907							
11/23/2016 11:30:00 PM	696600.000	58.746	16.893	135.643	1200.223	1420.124	0.718	0.966	
833.178	0.999	14.904							
11/23/2016 11:45:00 PM	697500.000	58.740	16.893	135.630	1200.724	1420.697	0.719	0.966	
832.831	0.999	14.906							

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: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/17/2016	0:00:00	0	33.347	16	2072.1
11/17/2016	0:15:00	0	33.325	16	2072.1
11/17/2016	0:30:00	0	33.344	16	2072.1
11/17/2016	0:45:00	0	33.363	16	2072.1
11/17/2016	1:00:00	0	33.373	16	2072.1
11/17/2016	1:15:00	0	33.315	16	2072.1
11/17/2016	1:30:00	0	33.338	16	2072.1
11/17/2016	1:45:00	0	33.334	16	2070.9
11/17/2016	2:00:00	0	33.365	16	2072.1
11/17/2016	2:15:00	0	33.333	16	2070.9
11/17/2016	2:30:00	0	33.387	16	2070.9
11/17/2016	2:45:00	0	33.329	16	2070.9
11/17/2016	3:00:00	0	33.367	16	2072.1
11/17/2016	3:15:00	0	33.408	16	2070.9
11/17/2016	3:30:00	0	33.326	16	2072.1
11/17/2016	3:45:00	0	33.368	16	2070.9
11/17/2016	4:00:00	0	33.371	16	2072.1
11/17/2016	4:15:00	0	33.372	16	2072.1
11/17/2016	4:30:00	0	33.348	16	2072.1
11/17/2016	4:45:00	0	33.381	16	2070.9
11/17/2016	5:00:00	0	33.377	16	2070.9
11/17/2016	5:15:00	0	33.351	16	2070.9
11/17/2016	5:30:00	0	33.332	16	2070.9
11/17/2016	5:45:00	0	33.374	16	2072.1
11/17/2016	6:00:00	0	33.377	16	2072.1
11/17/2016	6:15:00	0	33.338	16	2070.9
11/17/2016	6:30:00	0	33.372	16	2072.1
11/17/2016	6:45:00	0	33.366	16	2072.1
11/17/2016	7:00:00	0	33.423	16	2072.1
11/17/2016	7:15:00	0	33.355	16	2070.9
11/17/2016	7:30:00	0	33.386	16	2072.1

11/17/2016	7:45:00	0	33.344	16	2070.9
11/17/2016	8:00:00	0	33.314	16	2072.1
11/17/2016	8:15:00	0	33.325	16	2070.9
11/17/2016	8:30:00	0	33.32	16	2070.9
11/17/2016	8:45:00	0	33.362	16	2072.1
11/17/2016	9:00:00	0	33.341	16	2072.1
11/17/2016	9:15:00	0	33.345	16	2070.9
11/17/2016	9:30:00	0	33.344	16	2072.1
11/17/2016	9:45:00	0	33.326	16	2072.1
11/17/2016	10:00:00	0	33.304	16	2072.1
11/17/2016	10:15:00	0	33.327	16	2072.1
11/17/2016	10:30:00	0	33.378	16	2070.9
11/17/2016	10:45:00	0	33.416	16	2070.9
11/17/2016	11:00:00	0	33.323	16	2070.9
11/17/2016	11:15:00	0	33.343	16	2072.1
11/17/2016	11:30:00	0	33.308	16	2072.1
11/17/2016	11:45:00	0	33.376	16	2072.1
11/17/2016	12:00:00	0	33.327	16	2072.1
11/17/2016	12:15:00	0	33.375	16	2070.9
11/17/2016	12:30:00	0	33.399	16	2070.9
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Report Date: 11/28/2016 8:33:52 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-7D LT Test_2016-11-24_11-14-22-733-BaroMerge.wsl
Create Date: 11/28/2016 8:32:02 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: 0 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: 16.6378 (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: KMaker
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: KMaker 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: KMaker 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: KMaker 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: 8/1/2016 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: 25% 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
11/28/2016 8:32:02 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:

Record Count: 821

Sensors:

1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

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)

SN#: 441205 SN#: 441205 SN#: 441205 SN#: 441205 SN#: 441205 SN#: 441205 SN#: 441205

Elapsed Time Corrected Corrected Corrected Corrected

Seconds Pressure (PSI) Temperature (C) Depth (ft)

Resistivity (ohm-cm) Water Density (g/cm3) Barometric Pressure (PSI)

Actual Conductivity (µS/cm) Specific Conductivity (µS/cm) Salinity (PSU) Total Dissolved Solids

11/17/2016 12:00:00 AM 93600.000 116.662 19.237 265.909 34533.531 38805.285 24.924 26.388

28.957	1.017	14.771					
11/17/2016 12:15:00 AM	94500.000	116.666	19.236	265.917	34531.184	38802.793	24.923
28.959	1.017	14.775					26.386
11/17/2016 12:30:00 AM	95400.000	116.668	19.236	265.922	34532.875	38804.770	24.924
28.958	1.017	14.775					26.387
11/17/2016 12:45:00 AM	96300.000	116.688	19.236	265.969	34553.930	38828.430	24.941
28.940	1.017	14.774					26.403
11/17/2016 1:00:00 AM	97200.000	116.682	19.237	265.953	34535.207	38807.168	24.926
28.956	1.017	14.770					26.389
11/17/2016 1:15:00 AM	98100.000	116.698	19.237	265.991	34531.664	38802.977	24.923
28.959	1.017	14.772					26.386
11/17/2016 1:30:00 AM	99000.000	116.702	19.236	266.001	34524.332	38795.023	24.917
28.965	1.017	14.769					26.381
11/17/2016 1:45:00 AM	99900.000	116.706	19.237	266.010	34520.191	38790.148	24.914
28.969	1.017	14.770					26.377
11/17/2016 2:00:00 AM	100800.000	116.712	19.237	266.022	34526.531	38797.059	24.918
28.963	1.017	14.774					26.382
11/17/2016 2:15:00 AM	101700.000	116.705	19.236	266.008	34498.410	38766.402	24.897
28.987	1.017	14.779					26.361
11/17/2016 2:30:00 AM	102600.000	116.721	19.237	266.043	34564.633	38840.086	24.949
28.931	1.017	14.774					26.411
11/17/2016 2:45:00 AM	103500.000	116.729	19.236	266.061	34536.516	38809.008	24.927
28.955	1.017	14.766					26.390
11/17/2016 3:00:00 AM	104400.000	116.733	19.236	266.071	34533.902	38806.355	24.925
28.957	1.017	14.770					26.388
11/17/2016 3:15:00 AM	105300.000	116.722	19.236	266.045	34519.082	38789.418	24.913
28.969	1.017	14.775					26.377
11/17/2016 3:30:00 AM	106200.000	116.768	19.237	266.150	34512.086	38781.109	24.907
28.975	1.017	14.776					26.371
11/17/2016 3:45:00 AM	107100.000	116.746	19.236	266.101	34537.344	38809.715	24.927
28.954	1.017	14.771					26.391
11/17/2016 4:00:00 AM	108000.000	116.734	19.237	266.073	34535.559	38807.488	24.926
28.956	1.017	14.767					26.389
11/17/2016 4:15:00 AM	108900.000	116.738	19.237	266.082	34534.352	38805.773	24.925
28.957	1.017	14.773					26.388
11/17/2016 4:30:00 AM	109800.000	116.730	19.236	266.064	34536.691	38809.203	24.927
28.955	1.017	14.777					26.390
11/17/2016 4:45:00 AM	110700.000	116.729	19.236	266.061	34522.316	38793.191	24.916
28.967	1.017	14.781					26.379
11/17/2016 5:00:00 AM	111600.000	116.736	19.236	266.076	34527.078	38798.109	24.919
28.963	1.017	14.780					26.383
11/17/2016 5:15:00 AM	112500.000	116.741	19.236	266.089	34542.441	38815.445	24.931
28.950	1.017	14.777					26.395
11/17/2016 5:30:00 AM	113400.000	116.743	19.237	266.093	34495.586	38762.645	24.894
28.989	1.017	14.780					26.359
11/17/2016 5:45:00 AM	114300.000	116.743	19.236	266.092	34518.422	38788.676	24.912
28.970	1.017	14.781					26.376
11/17/2016 6:00:00 AM	115200.000	116.744	19.237	266.096	34527.430	38798.141	24.919
28.962	1.017	14.775					26.383
11/17/2016 6:15:00 AM	116100.000	116.741	19.237	266.089	34548.305	38821.523	24.936
28.945	1.017	14.780					26.399
11/17/2016 6:30:00 AM	117000.000	116.740	19.237	266.087	34536.027	38808.012	24.926
28.955	1.017	14.781					26.389
11/17/2016 6:45:00 AM	117900.000	116.739	19.236	266.085	34521.605	38792.609	24.915
28.967	1.017	14.786					26.379
11/17/2016 7:00:00 AM	118800.000	116.752	19.236	266.113	34517.828	38788.293	24.912
28.971	1.017	14.782					26.376
11/17/2016 7:15:00 AM	119700.000	116.752	19.237	266.113	34518.602	38788.363	24.912
28.970	1.017	14.790					26.376
11/17/2016 7:30:00 AM	120600.000	116.758	19.237	266.127	34512.781	38781.461	24.907
28.975	1.017	14.792					26.371
11/17/2016 7:45:00 AM	121500.000	116.754	19.236	266.118	34519.926	38790.145	24.914
28.969	1.017	14.789					26.377
11/17/2016 8:00:00 AM	122400.000	116.755	19.236	266.120	34535.273	38807.539	24.926
28.956	1.017	14.795					26.389
11/17/2016 8:15:00 AM	123300.000	116.745	19.236	266.097	34522.355	38793.094	24.916
28.967	1.017	14.805					26.379
11/17/2016 8:30:00 AM	124200.000	116.754	19.237	266.119	34532.453	38803.785	24.923
28.958	1.017	14.801					26.387
11/17/2016 8:45:00 AM	125100.000	116.785	19.237	266.188	34516.945	38786.359	24.911
28.971	1.017	14.790					26.375
11/17/2016 9:00:00 AM	126000.000	116.781	19.237	266.180	34540.910	38813.145	24.930
28.951	1.017	14.794					26.393
11/17/2016 9:15:00 AM	126900.000	116.769	19.236	266.152	34521.879	38792.340	24.915
28.967	1.017	14.803					26.379
11/17/2016 9:30:00 AM	127800.000	116.775	19.237	266.166	34523.699	38794.090	24.916
28.966	1.017	14.793					24.915
11/17/2016 9:45:00 AM	128700.000	116.798	19.237	266.218	34545.836	38819.035	24.934
28.947	1.017	14.791					26.397
11/17/2016 10:00:00 AM	129600.000	116.806	19.237	266.237	34515.070	38784.180	24.909
28.973	1.017	14.789					26.373
11/17/2016 10:15:00 AM	130500.000	116.807	19.237	266.239	34543.164	38816.031	24.932
28.949	1.017	14.788					26.395
11/17/2016 10:30:00 AM	131400.000	116.826	19.237	266.283	34547.652	38821.078	24.936
28.946	1.017	14.786					24.936
11/17/2016 10:45:00 AM	132300.000	116.825	19.237	266.281	34535.824	38807.785	24.926
28.955	1.017	14.791					26.389
11/17/2016 11:00:00 AM	133200.000	116.826	19.237	266.282	34544.246	38816.895	24.933
28.948	1.017	14.791					26.395
11/17/2016 11:15:00 AM	134100.000	116.848	19.237	266.332	34532.148	38803.730	24.923
28.959	1.017	14.788					26.387
11/17/2016 11:30:00 AM	135000.000	116.853	19.237	266.343	34531.922	38803.191	24.923
28.959	1.017	14.785					24.923
11/17/2016 11:45:00 AM	135900.000	116.865	19.237	266.370	34521.461	38791.434	24.914
28.967	1.017	14.783					26.378
11/17/2016 12:00:00 PM	136800.000	116.866	19.236	266.374	34547.789	38821.738	24.936
28.945	1.017	14.781					26.399
11/17/2016 12:15:00 PM	137700.000	116.876	19.237	266.397	34535.750	38807.633	24.926
28.956	1.017	14.770					26.389
11/17/2016 12:30:00 PM	138600.000	116.889	19.236	266.426	34537.188	38809.469	24.927
28.954	1.017	14.770					26.390
11/17/2016 12:45:00 PM	139500.000	116.890	19.236	266.429	34540.516	38813.355	24.930
28.952	1.017	14.775					26.393
11/17/2016 1:00:00 PM	140400.000	116.901	19.237	266.453	34552.754	38826.453	24.939
28.941	1.017	14.769					26.402
11/17/2016 1:15:00 PM	141300.000	116.900	19.237	266.451	34525.535	38795.715	24.918
28.964	1.017	14.759					26.381
11/17/2016 1:30:00 PM	142200.000	116.902	19.236	266.455	34531.797	38803.414	24.923
28.959	1.017	14.764					26.386
11/17/2016 1:45:00 PM	143100.000	116.918	19.236	266.492	34523.336	38794.195	24.916
28.966	1.017	14.758					26.380
11/17/2016 2:00:00 PM	144000.000	116.904	19.237	266.460	34510.805	38779.316	24.906
28.976	1.017	14.763					26.370
11/17/2016 2:15:00 PM	144900.000	116.906	19.237	266.464	34516.551	38786.203	24.911
28.972	1.017	14.763					26.375
11/17/2016 2:30:00 PM	145800.000	116.904	19.236	266.460	34525.094	38796.102	24.918
28.964	1.017	14.752					26.381
11/17/2016 2:45:00 PM	146700.000	116.899	19.237	266.450	34552.395	38826.406	24.939
28.942	1.017	14.752					26.402
11/17/2016 3:00:00 PM	147600.000	116.893	19.237	266.435	34543.039	38815.762	24.932
28.949	1.017	14.756					26.395
11/17/2016 3:15:00 PM	148500.000	116.909	19.236	266.471	34532.836	38805.156	24.924
28.958	1.017	14.749					26.388
11/17/2016 3:30:00 PM	149400.000	116.891	19.236	266.431	34513.316	38783.152	24.909
28.974	1.017	14.751					26.373
11/17/2016 3:45:00 PM	150300.000	116.888	19.236	266.378	34508.223	38776.992	24.904
28.979	1.017	14.761					26.368
11/17/2016 4:00:00 PM	151200.000	116.870	19.237	266.382	34530.527	38801.699	24.922
28.960	1.017	14.756					26.385
11/17/2016 4:15:00 PM	152100.000	116.864	19.236	266.369	34533.516	38805.488	24.924
28.957	1.017	14.750					26.388
11/17/2016 4:30:00 PM	153000.000	116.863	19.237	266.367	34554.559	38828.551	24.941
28.940	1.017	14.748					26.403

11/17/2016 4:45:00 PM	153900.000	116.845	19.236	266.326	34496.957	38765.063	24.896	26.360
28.988	1.017	116.747						
11/17/2016 5:00:00 PM	154800.000	116.841	19.236	266.317	34530.371	38802.242	24.922	26.386
28.960	1.017	14.751						
11/17/2016 5:15:00 PM	155700.000	116.809	19.236	266.245	34529.613	38801.535	24.922	26.385
28.961	1.017	14.755						
11/17/2016 5:30:00 PM	156600.000	116.800	19.236	266.224	34524.203	38795.457	24.917	26.381
28.965	1.017	14.754						
11/17/2016 5:45:00 PM	157500.000	116.799	19.236	266.220	34546.035	38820.059	24.935	26.398
28.947	1.017	14.754						
11/17/2016 6:00:00 PM	158400.000	116.784	19.236	266.187	34544.270	38817.938	24.933	26.396
28.948	1.017	14.749						
11/17/2016 6:15:00 PM	159300.000	116.765	19.235	266.143	34527.273	38799.637	24.920	26.384
28.963	1.017	14.757						
11/17/2016 6:30:00 PM	160200.000	116.751	19.236	266.111	34537.539	38810.297	24.928	26.391
28.954	1.017	14.756						
11/17/2016 6:45:00 PM	161100.000	116.744	19.236	266.095	34544.305	38817.898	24.933	26.396
28.948	1.017	14.760						
11/17/2016 7:00:00 PM	162000.000	116.726	19.236	266.054	34519.293	38789.582	24.913	26.377
28.969	1.017	14.758						
11/17/2016 7:15:00 PM	162900.000	116.704	19.236	266.006	34498.363	38766.273	24.897	26.361
28.987	1.017	14.756						
11/17/2016 7:30:00 PM	163800.000	116.709	19.236	266.017	34533.750	38805.754	24.925	26.388
28.957	1.017	14.754						
11/17/2016 7:45:00 PM	164700.000	116.687	19.236	265.965	34527.941	38799.813	24.920	26.384
28.962	1.017	14.763						
11/17/2016 8:00:00 PM	165600.000	116.664	19.235	265.913	34539.035	38812.703	24.930	26.393
28.963	1.017	14.760						
11/17/2016 8:15:00 PM	166500.000	116.667	19.236	265.921	34517.035	38786.895	24.911	26.375
28.971	1.017	14.746						
11/17/2016 8:30:00 PM	167400.000	116.643	19.236	265.865	34484.000	38749.773	24.885	26.350
28.999	1.017	14.758						
11/17/2016 8:45:00 PM	168300.000	116.646	19.235	265.872	34512.672	38782.934	24.908	26.372
28.975	1.017	14.755						
11/17/2016 9:00:00 PM	169200.000	116.636	19.235	265.849	34499.664	38768.461	24.898	26.363
28.966	1.017	14.758						
11/17/2016 9:15:00 PM	170100.000	116.627	19.236	265.828	34487.949	38754.434	24.888	26.353
28.996	1.017	14.757						
11/17/2016 9:30:00 PM	171000.000	116.624	19.235	265.821	34515.211	38785.707	24.910	26.374
28.973	1.017	14.753						
11/17/2016 9:45:00 PM	171900.000	116.628	19.236	265.831	34506.938	38775.770	24.903	26.368
28.980	1.017	14.752						
11/17/2016 10:00:00 PM	172800.000	116.623	19.236	265.820	34498.727	38766.758	24.897	26.361
28.987	1.017	14.754						
11/17/2016 10:15:00 PM	173700.000	116.604	19.235	265.777	34504.996	38774.828	24.903	26.367
28.981	1.017	14.760						
11/17/2016 10:30:00 PM	174600.000	116.602	19.236	265.772	34492.418	38759.961	24.892	26.357
28.992	1.017	14.757						
11/17/2016 10:45:00 PM	175500.000	116.605	19.235	265.779	34502.367	38771.574	24.900	26.365
28.984	1.017	14.754						
11/17/2016 11:00:00 PM	176400.000	116.613	19.236	265.797	34503.906	38772.871	24.901	26.366
28.982	1.017	14.754						
11/17/2016 11:15:00 PM	177300.000	116.610	19.236	265.790	34510.809	38780.051	24.906	26.370
28.976	1.017	14.754						
11/17/2016 11:30:00 PM	178200.000	116.603	19.235	265.774	34503.570	38772.566	24.901	26.365
28.983	1.017	14.756						
11/17/2016 11:45:00 PM	179100.000	116.611	19.235	265.793	34484.895	38751.578	24.886	26.351
28.998	1.017	14.753						
11/18/2016 12:00:00 AM	180000.000	116.612	19.236	265.795	34515.980	38786.070	24.911	26.375
28.972	1.017	14.756						
11/18/2016 12:15:00 AM	180900.000	116.618	19.236	265.809	34498.426	38766.422	24.897	26.361
28.987	1.017	14.754						
11/18/2016 12:30:00 AM	181800.000	116.632	19.236	265.840	34532.984	38805.039	24.924	26.387
28.958	1.017	14.750						
11/18/2016 12:45:00 AM	182700.000	116.651	19.236	265.884	34519.789	38790.277	24.914	26.377
28.969	1.017	14.750						
11/18/2016 1:00:00 AM	183600.000	116.633	19.236	265.842	34507.973	38776.711	24.904	26.368
28.979	1.017	14.746						
11/18/2016 1:15:00 AM	184500.000	116.642	19.236	265.863	34522.359	38793.457	24.916	26.380
28.967	1.017	14.745						
11/18/2016 1:30:00 AM	185400.000	116.655	19.236	265.893	34527.457	38798.891	24.920	26.383
28.962	1.017	14.742						
11/18/2016 1:45:00 AM	186300.000	116.637	19.236	265.852	34528.383	38799.797	24.920	26.384
28.962	1.017	14.747						
11/18/2016 2:00:00 AM	187200.000	116.655	19.236	265.893	34529.625	38801.266	24.921	26.385
28.961	1.017	14.746						
11/18/2016 2:15:00 AM	188100.000	116.664	19.236	265.912	34534.574	38807.266	24.926	26.389
28.956	1.017	14.747						
11/18/2016 2:30:00 AM	189000.000	116.668	19.237	265.922	34525.895	38796.629	24.918	26.382
28.964	1.017	14.746						
11/18/2016 2:45:00 AM	189900.000	116.679	19.236	265.946	34536.910	38809.734	24.927	26.391
28.955	1.017	14.740						
11/18/2016 3:00:00 AM	190800.000	116.691	19.237	265.974	34531.402	38802.891	24.923	26.386
28.959	1.017	14.742						
11/18/2016 3:15:00 AM	191700.000	116.683	19.236	265.956	34512.871	38782.215	24.908	26.372
28.975	1.017	14.747						
11/18/2016 3:30:00 AM	192600.000	116.683	19.237	265.957	34523.516	38793.820	24.916	26.380
28.966	1.017	14.750						
11/18/2016 3:45:00 AM	193500.000	116.698	19.236	265.991	34524.832	38795.879	24.918	26.381
28.965	1.017	14.740						
11/18/2016 4:00:00 AM	194400.000	116.692	19.236	265.977	34536.344	38808.668	24.927	26.390
28.955	1.017	14.743						
11/18/2016 4:15:00 AM	195300.000	116.693	19.236	265.980	34531.430	38803.293	24.923	26.386
28.959	1.017	14.750						
11/18/2016 4:30:00 AM	196200.000	116.686	19.236	265.963	34522.051	38792.969	24.916	26.379
28.967	1.017	14.749						
11/18/2016 4:45:00 AM	197100.000	116.702	19.236	266.001	34502.977	38771.172	24.900	26.364
28.983	1.017	14.747						
11/18/2016 5:00:00 AM	198000.000	116.701	19.236	265.997	34512.238	38781.941	24.908	26.372
28.975	1.017	14.740						
11/18/2016 5:15:00 AM	198900.000	116.708	19.236	266.014	34520.340	38791.047	24.914	26.378
28.968	1.017	14.743						
11/18/2016 5:30:00 AM	199800.000	116.697	19.236	265.988	34530.910	38802.563	24.922	26.386
28.960	1.017	14.742						
11/18/2016 5:45:00 AM	200700.000	116.698	19.236	265.991	34517.961	38788.664	24.912	26.376
28.970	1.017	14.740						
11/18/2016 6:00:00 AM	201600.000	116.704	19.236	266.004	34517.996	38788.410	24.912	26.376
28.970	1.017	14.739						
11/18/2016 6:15:00 AM	202500.000	116.702	19.236	266.000	34521.477	38792.035	24.915	26.379
28.987	1.017	14.739						
11/18/2016 6:30:00 AM	203400.000	116.706	19.236	266.009	34514.391	38783.855	24.909	26.373
28.973	1.017	14.741						
11/18/2016 6:45:00 AM	204300.000	116.712	19.236	266.022	34533.852	38805.941	24.925	26.388
28.957	1.017	14.740						
11/18/2016 7:00:00 AM	205200.000	116.717	19.236	266.034	34518.000	38788.555	24.912	26.376
28.970	1.017	14.745						
11/18/2016 7:15:00 AM	206100.000	116.711	19.236	266.021	34524.102	38794.766	24.917	26.380
28.965	1.017	14.748						
11/18/2016 7:30:00 AM	207000.000	116.714	19.236	266.027	34542.508	38815.957	24.932	26.395
28.950	1.017	14.749						
11/18/2016 7:45:00 AM	207900.000	116.714	19.236	266.027	34487.113	38753.707	24.888	26.353
28.996	1.017	14.748						
11/18/2016 8:00:00 AM	208800.000	116.714	19.236	266.027	34541.012	38814.059	24.931	26.394
28.951	1.017	14.752						
11/18/2016 8:15:00 AM	209700.000	116.714	19.236	266.026	34530.383	38802.254	24.922	26.386
28.960	1.017	14.757						
11/18/2016 8:30:00 AM	210600.000	116.743	19.237	266.094	34525.102	38795.813	24.918	26.381
28.964	1.017	14.757						
11/18/2016 8:45:00 AM	211500.000	116.718	19.236	266.037	34535.605	38808.422	24.926	26.390
28.956	1.017	14.758						

28.981	1.017	14.763					
11/18/2016 9:30:00 AM	214200.000	116.723	19.237	266.048	34522.523	38792.914	24.915
28.967	1.017	14.757					26.379
11/18/2016 9:45:00 AM	215100.000	116.733	19.236	266.072	34519.723	38790.066	24.913
28.969	1.017	14.759					26.377
11/18/2016 10:00:00 AM	216000.000	116.739	19.236	266.083	34533.633	38806.055	24.925
28.957	1.017	14.752					26.388
11/18/2016 10:15:00 AM	216900.000	116.746	19.237	266.101	34499.301	38766.742	24.897
28.986	1.017	14.759					26.361
11/18/2016 10:30:00 AM	217800.000	116.752	19.236	266.114	34534.215	38806.277	24.925
28.957	1.017	14.750					26.388
11/18/2016 10:45:00 AM	218700.000	116.763	19.236	266.139	34529.781	38801.219	24.921
28.961	1.017	14.755					26.385
11/18/2016 11:00:00 AM	219600.000	116.766	19.237	266.146	34520.379	38790.430	24.914
28.968	1.017	14.750					26.377
11/18/2016 11:15:00 AM	220500.000	116.764	19.237	266.140	34519.262	38788.816	24.913
28.969	1.017	14.752					26.376
11/18/2016 11:30:00 AM	221400.000	116.778	19.236	266.174	34543.125	38816.289	24.932
28.949	1.017	14.741					26.395
11/18/2016 11:45:00 AM	222300.000	116.783	19.237	266.185	34546.043	38819.137	24.934
28.947	1.017	14.746					26.397
11/18/2016 12:00:00 PM	223200.000	116.785	19.236	266.189	34526.141	38797.348	24.919
28.964	1.017	14.740					26.382
11/18/2016 12:15:00 PM	224100.000	116.797	19.237	266.217	34539.742	38811.902	24.929
28.952	1.017	14.740					26.392
11/18/2016 12:30:00 PM	225000.000	116.800	19.238	266.224	34511.949	38780.094	24.906
28.975	1.017	14.732					26.370
11/18/2016 12:45:00 PM	225900.000	116.812	19.237	266.251	34531.656	38802.969	24.923
28.959	1.017	14.728					26.386
11/18/2016 1:00:00 PM	226800.000	116.825	19.237	266.281	34513.844	38783.016	24.908
28.974	1.017	14.720					26.372
11/18/2016 1:15:00 PM	227700.000	116.831	19.236	266.293	34536.449	38808.711	24.927
28.955	1.017	14.716					26.390
11/18/2016 1:30:00 PM	228600.000	116.848	19.236	266.333	34536.102	38808.250	24.926
28.955	1.017	14.715					26.390
11/18/2016 1:45:00 PM	229500.000	116.844	19.237	266.324	34534.691	38806.301	24.925
28.956	1.017	14.715					26.388
11/18/2016 2:00:00 PM	230400.000	116.852	19.236	266.342	34533.902	38805.777	24.925
28.957	1.017	14.715					26.388
11/18/2016 2:15:00 PM	231300.000	116.858	19.237	266.357	34538.805	38811.000	24.928
28.953	1.017	14.708					26.391
11/18/2016 2:30:00 PM	232200.000	116.865	19.237	266.372	34519.719	38789.332	24.913
28.969	1.017	14.702					26.377
11/18/2016 2:45:00 PM	233100.000	116.864	19.237	266.368	34514.926	38784.230	24.909
28.973	1.017	14.699					26.373
11/18/2016 3:00:00 PM	234000.000	116.864	19.237	266.369	34532.070	38803.641	24.923
28.959	1.017	14.700					26.386
11/18/2016 3:15:00 PM	234900.000	116.860	19.238	266.359	34538.074	38809.590	24.923
28.954	1.017	14.701					24.927
11/18/2016 3:30:00 PM	235800.000	116.861	19.237	266.363	34545.379	38818.523	24.934
28.947	1.017	14.698					26.397
11/18/2016 3:45:00 PM	236700.000	116.869	19.237	266.380	34535.480	38807.473	24.926
28.956	1.017	14.701					26.389
11/18/2016 4:00:00 PM	237600.000	116.863	19.236	266.366	34517.875	38788.125	24.912
28.970	1.017	14.698					26.376
11/18/2016 4:15:00 PM	238500.000	116.854	19.235	266.347	34535.738	38809.000	24.927
28.956	1.017	14.708					26.390
11/18/2016 4:30:00 PM	239400.000	116.844	19.237	266.324	34534.727	38806.340	24.925
28.956	1.017	14.710					26.388
11/18/2016 4:45:00 PM	240300.000	116.838	19.236	266.310	34529.543	38801.027	24.921
28.961	1.017	14.712					26.385
11/18/2016 5:00:00 PM	241200.000	116.833	19.236	266.299	34531.066	38803.168	24.923
28.959	1.017	14.707					26.386
11/18/2016 5:15:00 PM	242100.000	116.834	19.236	266.300	34530.984	38802.723	24.922
28.959	1.017	14.708					26.386
11/18/2016 5:30:00 PM	243000.000	116.815	19.236	266.257	34522.352	38793.305	24.916
28.967	1.017	14.714					26.379
11/18/2016 5:45:00 PM	243900.000	116.818	19.237	266.264	34512.414	38781.480	24.907
28.975	1.017	14.711					26.371
11/18/2016 6:00:00 PM	244800.000	116.809	19.236	266.245	34495.070	38762.941	24.894
28.990	1.017	14.712					26.359
11/18/2016 6:15:00 PM	245700.000	116.788	19.236	266.196	34528.285	38799.688	24.920
28.962	1.017	14.718					26.384
11/18/2016 6:30:00 PM	246600.000	116.775	19.236	266.165	34506.535	38775.316	24.903
28.980	1.017	14.720					26.367
11/18/2016 6:45:00 PM	247500.000	116.772	19.236	266.160	34536.898	38809.875	24.928
28.955	1.017	14.714					26.391
11/18/2016 7:00:00 PM	248400.000	116.758	19.237	266.129	34540.668	38813.305	24.930
28.951	1.017	14.719					26.393
11/18/2016 7:15:00 PM	249300.000	116.751	19.235	266.112	34527.594	38799.777	24.920
28.962	1.017	14.718					26.384
11/18/2016 7:30:00 PM	250200.000	116.735	19.235	266.076	34518.344	38789.383	24.913
28.970	1.017	14.716					26.377
11/18/2016 7:45:00 PM	251100.000	116.732	19.235	266.069	34516.266	38786.832	24.911
28.972	1.017	14.719					26.375
11/18/2016 8:00:00 PM	252000.000	116.720	19.235	266.042	34514.730	38785.105	24.910
28.973	1.017	14.720					26.374
11/18/2016 8:15:00 PM	252900.000	116.705	19.236	266.007	34524.023	38795.477	24.917
28.965	1.017	14.718					26.381
11/18/2016 8:30:00 PM	253800.000	116.698	19.236	265.992	34523.352	38794.500	24.917
28.966	1.017	14.723					26.380
11/18/2016 8:45:00 PM	254700.000	116.691	19.236	265.975	34521.738	38792.758	24.915
28.967	1.017	14.719					26.379
11/18/2016 9:00:00 PM	255600.000	116.675	19.236	265.939	34553.496	38828.152	24.941
28.941	1.017	14.726					26.403
11/18/2016 9:15:00 PM	256500.000	116.671	19.235	265.930	34542.898	38816.898	24.932
28.950	1.017	14.726					26.395
11/18/2016 9:30:00 PM	257400.000	116.675	19.235	265.939	34515.477	38786.160	24.911
28.973	1.017	14.726					26.375
11/18/2016 9:45:00 PM	258300.000	116.653	19.236	265.889	34519.914	38790.207	24.914
28.969	1.017	14.727					26.377
11/18/2016 10:00:00 PM	259200.000	116.643	19.236	265.865	34510.438	38779.988	24.906
28.977	1.017	14.730					26.370
11/18/2016 10:15:00 PM	260100.000	116.644	19.236	265.867	34516.043	38785.930	24.911
28.972	1.017	14.733					26.374
11/18/2016 10:30:00 PM	261000.000	116.640	19.235	265.859	34520.039	38791.211	24.914
28.969	1.017	14.726					26.378
11/18/2016 10:45:00 PM	261900.000	116.642	19.236	265.862	34492.207	38758.926	24.891
28.992	1.017	14.731					26.356
11/18/2016 11:00:00 PM	262800.000	116.654	19.236	265.889	34487.789	38754.539	24.888
28.996	1.017	14.719					26.353
11/18/2016 11:15:00 PM	263700.000	116.638	19.236	265.855	34501.855	38770.566	24.900
28.984	1.017	14.725					26.364
11/18/2016 11:30:00 AM	264600.000	116.636	19.236	265.849	34516.816	38787.012	24.911
28.971	1.017	14.731					26.375
11/18/2016 11:45:00 PM	265500.000	116.646	19.235	265.873	34514.996	38785.543	24.910
28.973	1.017	14.722					26.374
11/19/2016 12:00:00 AM	266400.000	116.629	19.236	265.833	34516.422	38786.426	24.911
28.972	1.017	14.735					26.375
11/19/2016 12:15:00 AM	267300.000	116.651	19.236	265.884	34519.414	38789.500	24.913
28.969	1.017	14.729					26.377
11/19/2016 12:30:00 AM	268200.000	116.654	19.237	265.890	34488.590	38754.422	24.888
28.995	1.017	14.725					26.353
11/19/2016 12:45:00 AM	269100.000	116.662	19.236	265.908	34506.473	38775.246	24.903
28.980	1.017	14.725					26.367
11/19/2016 1:00:00 AM	270000.000	116.664	19.236	265.913	34539.402	38812.250	24.929
28.952	1.017	14.728					26.392
11/19/2016 1:15:00 AM	270900.000	116.668	19.237	265.922	34520.789	38790.383	24.914
28.968	1.017	14.724					26.377
11/19/2016 1:30:00 AM	271800.000	116.675	19.236	265.938	34532.805	38804.547	24.924
28.958	1.017	14.722					26.387
11/19/2016 1:45:00 AM	272700.000	116.684	19.237	265.960	34530.676	38801.492	24.922
28.960	1.017	14.717					26.385

11/19/2016 2:00:00 AM	273600.000	116.690	19.238	265.972	34525.121	38795.035	24.917	26.381
28.964	1.017	14.724						
11/19/2016 2:15:00 AM	274500.000	116.689	19.236	265.970	34526.004	38797.410	24.919	26.382
28.964	1.017	14.722						
11/19/2016 2:30:00 AM	275400.000	116.714	19.236	266.028	34512.664	38782.270	24.908	26.372
28.975	1.017	14.718						
11/19/2016 2:45:00 AM	276300.000	116.706	19.237	266.010	34511.137	38779.758	24.906	26.370
28.976	1.017	14.717						
11/19/2016 3:00:00 AM	277200.000	116.725	19.236	266.053	34547.594	38821.457	24.936	26.399
28.946	1.017	14.722						
11/19/2016 3:15:00 AM	278100.000	116.736	19.236	266.076	34525.273	38796.227	24.918	26.381
28.964	1.017	14.716						
11/19/2016 3:30:00 AM	279000.000	116.727	19.236	266.057	34529.918	38801.371	24.921	26.385
28.960	1.017	14.724						
11/19/2016 3:45:00 AM	279900.000	116.747	19.238	266.103	34519.270	38788.457	24.912	26.376
28.969	1.017	14.716						
11/19/2016 4:00:00 AM	280800.000	116.752	19.237	266.115	34517.453	38787.219	24.911	26.375
28.971	1.017	14.714						
11/19/2016 4:15:00 AM	281700.000	116.767	19.236	266.148	34508.828	38777.750	24.905	26.369
28.978	1.017	14.709						
11/19/2016 4:30:00 AM	282600.000	116.753	19.236	266.117	34537.414	38809.727	24.927	26.391
28.954	1.017	14.713						
11/19/2016 4:45:00 AM	283500.000	116.764	19.237	266.141	34558.000	38832.055	24.943	26.406
28.937	1.017	14.714						
11/19/2016 5:00:00 AM	284400.000	116.774	19.236	266.164	34520.953	38791.375	24.914	26.378
28.968	1.017	14.709						
11/19/2016 5:15:00 AM	285300.000	116.774	19.236	266.165	34536.422	38808.609	24.927	26.390
28.955	1.017	14.716						
11/19/2016 5:30:00 AM	286200.000	116.775	19.237	266.166	34532.484	38804.109	24.923	26.387
28.958	1.017	14.711						
11/19/2016 5:45:00 AM	287100.000	116.779	19.237	266.174	34519.492	38789.078	24.913	26.377
28.969	1.017	14.707						
11/19/2016 6:00:00 AM	288000.000	116.786	19.236	266.190	34542.359	38815.574	24.932	26.395
28.950	1.017	14.705						
11/19/2016 6:15:00 AM	288900.000	116.791	19.237	266.202	34531.230	38802.699	24.922	26.386
28.959	1.017	14.706						
11/19/2016 6:30:00 AM	289800.000	116.793	19.237	266.208	34531.609	38803.051	24.923	26.386
28.959	1.017	14.704						
11/19/2016 6:45:00 AM	290700.000	116.791	19.237	266.202	34512.426	38781.492	24.907	26.371
28.975	1.017	14.713						
11/19/2016 7:00:00 AM	291600.000	116.798	19.236	266.220	34533.793	38805.727	24.925	26.388
28.957	1.017	14.708						
11/19/2016 7:15:00 AM	292500.000	116.808	19.236	266.242	34546.398	38820.328	24.935	26.398
28.947	1.017	14.706						
11/19/2016 7:30:00 AM	293400.000	116.801	19.236	266.225	34529.984	38801.668	24.922	26.385
28.960	1.017	14.703						
11/19/2016 7:45:00 AM	294300.000	116.804	19.236	266.233	34532.418	38804.617	24.924	26.387
28.958	1.017	14.710						
11/19/2016 8:00:00 AM	295200.000	116.807	19.236	266.239	34537.570	38810.121	24.928	26.391
28.954	1.017	14.708						
11/19/2016 8:15:00 AM	296100.000	116.806	19.236	266.237	34534.457	38806.473	24.925	26.388
28.957	1.017	14.709						
11/19/2016 8:30:00 AM	297000.000	116.812	19.236	266.252	34542.742	38815.781	24.932	26.395
28.950	1.017	14.705						
11/19/2016 8:45:00 AM	297900.000	116.814	19.237	266.255	34527.352	38798.340	24.919	26.383
28.963	1.017	14.707						
11/19/2016 9:00:00 AM	298800.000	116.815	19.237	266.257	34523.102	38793.488	24.916	26.380
28.966	1.017	14.709						
11/19/2016 9:15:00 AM	299700.000	116.805	19.237	266.235	34549.555	38823.145	24.937	26.400
28.944	1.017	14.716						
11/19/2016 9:30:00 AM	300600.000	116.805	19.237	266.234	34510.930	38779.680	24.906	26.370
28.976	1.017	14.714						
11/19/2016 9:45:00 AM	301500.000	116.813	19.237	266.253	34553.969	38828.250	24.941	26.403
28.940	1.017	14.710						
11/19/2016 10:00:00 AM	302400.000	116.810	19.236	266.245	34516.566	38786.445	24.911	26.375
28.972	1.017	14.712						
11/19/2016 10:15:00 AM	303300.000	116.823	19.236	266.276	34521.910	38792.449	24.915	26.379
28.967	1.017	14.706						
11/19/2016 10:30:00 AM	304200.000	116.829	19.237	266.289	34522.531	38792.637	24.915	26.379
28.967	1.017	14.710						
11/19/2016 10:45:00 AM	305100.000	116.831	19.236	266.294	34523.809	38794.945	24.917	26.381
28.966	1.017	14.711						
11/19/2016 11:00:00 AM	306000.000	116.839	19.236	266.312	34538.738	38811.285	24.929	26.392
28.953	1.017	14.714						
11/19/2016 11:15:00 AM	306900.000	116.833	19.237	266.299	34529.359	38800.520	24.921	26.384
28.961	1.017	14.709						
11/19/2016 11:30:00 AM	307800.000	116.848	19.237	266.332	34519.438	38788.863	24.913	26.376
28.969	1.017	14.709						
11/19/2016 11:45:00 AM	308700.000	116.843	19.236	266.322	34537.484	38810.094	24.928	26.391
28.954	1.017	14.713						
11/19/2016 12:00:00 PM	309600.000	116.857	19.236	266.354	34524.938	38795.707	24.917	26.381
28.965	1.017	14.702						
11/19/2016 12:15:00 PM	310500.000	116.874	19.237	266.392	34532.957	38804.207	24.924	26.387
28.958	1.017	14.702						
11/19/2016 12:30:00 PM	311400.000	116.868	19.238	266.379	34532.004	38802.691	24.922	26.386
28.959	1.017	14.704						
11/19/2016 12:45:00 PM	312300.000	116.878	19.236	266.400	34533.313	38805.117	24.924	26.387
28.958	1.017	14.704						
11/19/2016 1:00:00 PM	313200.000	116.875	19.236	266.394	34518.539	38788.945	24.913	26.376
28.970	1.017	14.710						
11/19/2016 1:15:00 PM	314100.000	116.887	19.237	266.422	34532.926	38803.953	24.923	26.387
28.958	1.017	14.697						
11/19/2016 1:30:00 PM	315000.000	116.893	19.237	266.435	34519.875	38789.863	24.913	26.377
28.969	1.017	14.699						
11/19/2016 1:45:00 PM	315900.000	116.914	19.238	266.482	34528.285	38798.512	24.920	26.383
28.962	1.017	14.699						
11/19/2016 2:00:00 PM	316800.000	116.901	19.236	266.454	34526.309	38797.469	24.919	26.382
28.963	1.017	14.696						
11/19/2016 2:15:00 PM	317700.000	116.914	19.236	266.484	34559.516	38834.633	24.945	26.408
28.936	1.017	14.700						
11/19/2016 2:30:00 PM	318600.000	116.913	19.237	266.482	34516.125	38785.293	24.910	26.374
28.972	1.017	14.698						
11/19/2016 2:45:00 PM	319500.000	116.923	19.237	266.503	34527.125	38797.941	24.919	26.383
28.963	1.017	14.694						
11/19/2016 3:00:00 PM	320400.000	116.926	19.237	266.509	34544.305	38817.391	24.933	26.396
28.948	1.017	14.699						
11/19/2016 3:15:00 PM	321300.000	116.931	19.236	266.521	34539.172	38811.992	24.929	26.392
28.953	1.017	14.698						
11/19/2016 3:30:00 PM	322200.000	116.931	19.237	266.522	34526.969	38797.324	24.919	26.382
28.963	1.017	14.699						
11/19/2016 3:45:00 PM	323100.000	116.936	19.237	266.534	34507.344	38775.855	24.903	26.368
28.979	1.017	14.699						
11/19/2016 4:00:00 PM	324000.000	116.934	19.236	266.528	34529.473	38800.945	24.921	26.385
28.961	1.017	14.702						
11/19/2016 4:15:00 PM	324900.000	116.935	19.236	266.532	34513.230	38782.770	24.908	26.372
28.974	1.017	14.700						
11/19/2016 4:30:00 PM	325800.000	116.947	19.236	266.558	34511.512	38780.973	24.907	26.371
28.976	1.017	14.696						
11/19/2016 4:45:00 PM	326700.000	116.932	19.237	266.525	34504.883	38772.805	24.901	26.366
28.981	1.017	14.694						
11/19/2016 5:00:00 PM	327600.000	116.929	19.236	266.517	34520.563	38790.859	24.914	26.378
28.968	1.017	14.698						
11/19/2016 5:15:00 PM	328500.000	116.925	19.237	266.509	34528.578	38799.645	24.920	26.384
28.962	1.017	14.693						
11/19/2016 5:30:00 PM	329400.000	116.916	19.235	266.488	34526.441	38798.328	24.919	26.383
28.963	1.017	14.696						
11/19/2016 5:45:00 PM	330300.000	116.914	19.236	266.483	34499.875	38767.973	24.898	26.362
28.986	1.017	14.700						
11/19/2016 6:00:00 PM	331200.000	116.918	19.237	266.492	34522.926	38793.004	24.916	26.379
28.966	1.017	14.699						
11/19/2016 6:15:00 PM	332100.000	116.909	19.237	266.472	34537.672	38809.863	24.928	26.391

28.968	1.017	14.697					
11/19/2016 6:45:00 PM	333900.000	116.886	19.236	266.419	34524.695	38795.863	24.918
28.965	1.017	14.706					
11/19/2016 7:00:00 PM	334800.000	116.887	19.236	266.421	34525.891	38796.922	24.918
28.964	1.017	14.705					
11/19/2016 7:15:00 PM	335700.000	116.873	19.235	266.391	34521.832	38793.148	24.916
28.967	1.017	14.708					
11/19/2016 7:30:00 PM	336600.000	116.870	19.237	266.382	34535.797	38807.684	24.926
28.955	1.017	14.706					
11/19/2016 7:45:00 PM	337500.000	116.858	19.236	266.355	34520.953	38791.805	24.915
28.968	1.017	14.709					
11/19/2016 8:00:00 PM	338400.000	116.848	19.236	266.334	34537.688	38810.324	24.928
28.954	1.017	14.711					
11/19/2016 8:15:00 PM	339300.000	116.831	19.236	266.294	34525.105	38796.250	24.918
28.964	1.017	14.710					
11/19/2016 8:30:00 PM	340200.000	116.839	19.236	266.312	34515.656	38786.008	24.911
28.972	1.017	14.704					
11/19/2016 8:45:00 PM	341100.000	116.819	19.236	266.267	34528.023	38799.820	24.920
28.962	1.017	14.709					
11/19/2016 9:00:00 PM	342000.000	116.811	19.236	266.248	34528.566	38800.359	24.921
28.962	1.017	14.708					
11/19/2016 9:15:00 PM	342900.000	116.801	19.236	266.225	34520.418	38791.203	24.914
28.968	1.017	14.714					
11/19/2016 9:30:00 PM	343800.000	116.794	19.236	266.210	34517.547	38787.621	24.912
28.971	1.017	14.713					
11/19/2016 9:45:00 PM	344700.000	116.790	19.235	266.199	34526.188	38798.121	24.919
28.964	1.017	14.710					
11/19/2016 10:00:00 PM	345600.000	116.777	19.236	266.171	34522.598	38793.434	24.916
28.967	1.017	14.711					
11/19/2016 10:15:00 PM	346500.000	116.771	19.235	266.157	34533.246	38806.055	24.925
28.958	1.017	14.710					
11/19/2016 10:30:00 PM	347400.000	116.764	19.236	266.141	34520.480	38791.129	24.914
28.968	1.017	14.714					
11/19/2016 10:45:00 PM	348300.000	116.753	19.237	266.117	34546.109	38819.273	24.934
28.947	1.017	14.716					
11/19/2016 11:00:00 PM	349200.000	116.755	19.236	266.122	34529.281	38800.809	24.921
28.961	1.017	14.711					
11/19/2016 11:15:00 PM	350100.000	116.759	19.236	266.130	34513.402	38783.250	24.909
28.974	1.017	14.712					
11/19/2016 11:30:00 PM	351000.000	116.758	19.236	266.127	34514.938	38784.824	24.910
28.973	1.017	14.706					
11/19/2016 11:45:00 PM	351900.000	116.752	19.236	266.113	34514.629	38784.191	24.909
28.973	1.017	14.705					
11/20/2016 12:00:00 AM	352800.000	116.751	19.237	266.112	34504.555	38772.578	24.901
28.982	1.017	14.708					
11/20/2016 12:15:00 AM	353700.000	116.758	19.236	266.129	34511.953	38781.547	24.907
28.975	1.017	14.705					
11/20/2016 12:30:00 AM	354600.000	116.756	19.237	266.122	34542.434	38815.078	24.931
28.950	1.017	14.709					
11/20/2016 12:45:00 AM	355500.000	116.762	19.236	266.137	34526.531	38798.074	24.919
28.963	1.017	14.702					
11/20/2016 1:00:00 AM	356400.000	116.760	19.236	266.131	34546.902	38820.387	24.935
28.946	1.017	14.701					
11/20/2016 1:15:00 AM	357300.000	116.764	19.236	266.141	34513.055	38782.645	24.908
28.975	1.017	14.706					
11/20/2016 1:30:00 AM	358200.000	116.765	19.236	266.143	34523.637	38794.820	24.917
28.966	1.017	14.705					
11/20/2016 1:45:00 AM	359100.000	116.768	19.236	266.151	34512.891	38782.676	24.908
28.975	1.017	14.702					
11/20/2016 2:00:00 AM	360000.000	116.776	19.235	266.169	34527.109	38799.078	24.920
28.963	1.017	14.708					
11/20/2016 2:15:00 AM	360900.000	116.794	19.236	266.211	34531.309	38802.863	24.923
28.959	1.017	14.707					
11/20/2016 2:30:00 AM	361800.000	116.799	19.236	266.221	34513.902	38783.734	24.909
28.974	1.017	14.706					
11/20/2016 2:45:00 AM	362700.000	116.805	19.237	266.235	34525.594	38795.934	24.918
28.964	1.017	14.705					
11/20/2016 3:00:00 AM	363600.000	116.810	19.236	266.246	34519.262	38789.328	24.913
28.969	1.017	14.704					
11/20/2016 3:15:00 AM	364500.000	116.822	19.237	266.273	34528.820	38799.781	24.920
28.961	1.017	14.703					
11/20/2016 3:30:00 AM	365400.000	116.828	19.237	266.286	34522.328	38792.266	24.915
28.967	1.017	14.698					
11/20/2016 3:45:00 AM	366300.000	116.820	19.237	266.270	34543.855	38816.164	24.932
28.949	1.017	14.700					
11/20/2016 4:00:00 AM	367200.000	116.829	19.236	266.289	34513.516	38783.301	24.909
28.974	1.017	14.697					
11/20/2016 4:15:00 AM	368100.000	116.851	19.237	266.339	34536.449	38808.203	24.926
28.955	1.017	14.697					
11/20/2016 4:30:00 AM	369000.000	116.855	19.237	266.349	34528.391	38799.145	24.920
28.962	1.017	14.702					
11/20/2016 4:45:00 AM	369900.000	116.871	19.237	266.385	34533.125	38804.828	24.924
28.958	1.017	14.697					
11/20/2016 5:00:00 AM	370800.000	116.878	19.236	266.401	34516.711	38786.816	24.911
28.971	1.017	14.698					
11/20/2016 5:15:00 AM	371700.000	116.883	19.236	266.413	34518.141	38788.500	24.912
28.970	1.017	14.698					
11/20/2016 5:30:00 AM	372600.000	116.884	19.236	266.414	34532.645	38804.512	24.924
28.958	1.017	14.697					
11/20/2016 5:45:00 AM	373500.000	116.883	19.237	266.412	34512.758	38781.355	24.907
28.975	1.017	14.700					
11/20/2016 6:00:00 AM	374400.000	116.892	19.237	266.434	34536.359	38808.387	24.926
28.955	1.017	14.700					
11/20/2016 6:15:00 AM	375300.000	116.898	19.236	266.445	34548.574	38822.266	24.936
28.945	1.017	14.707					
11/20/2016 6:30:00 AM	376200.000	116.897	19.237	266.443	34534.746	38806.574	24.925
28.956	1.017	14.701					
11/20/2016 6:45:00 AM	377100.000	116.903	19.236	266.458	34507.883	38776.609	24.904
28.979	1.017	14.705					
11/20/2016 7:00:00 AM	378000.000	116.907	19.236	266.468	34498.973	38767.105	24.897
28.986	1.017	14.703					
11/20/2016 7:15:00 AM	378900.000	116.914	19.237	266.483	34531.414	38802.828	24.923
28.959	1.017	14.710					
11/20/2016 7:30:00 AM	379800.000	116.907	19.237	266.468	34520.168	38789.684	24.913
28.969	1.017	14.709					
11/20/2016 7:45:00 AM	380700.000	116.915	19.237	266.485	34514.527	38783.785	24.909
28.973	1.017	14.704					
11/20/2016 8:00:00 AM	381600.000	116.921	19.236	266.499	34513.535	38782.961	24.908
28.974	1.017	14.702					
11/20/2016 8:15:00 AM	382500.000	116.924	19.236	266.506	34531.488	38803.137	24.923
28.959	1.017	14.706					
11/20/2016 8:30:00 AM	383400.000	116.914	19.237	266.483	34506.813	38774.977	24.903
28.980	1.017	14.711					
11/20/2016 8:45:00 AM	384300.000	116.919	19.237	266.492	34508.820	38776.793	24.904
28.978	1.017	14.707					
11/20/2016 9:00:00 AM	385200.000	116.917	19.236	266.491	34548.594	38822.934	24.937
28.945	1.017	14.713					
11/20/2016 9:15:00 AM	386100.000	116.926	19.237	266.510	34504.504	38772.457	24.901
28.982	1.017	14.710					
11/20/2016 9:30:00 AM	387000.000	116.919	19.237	266.494	34514.613	38783.520	24.909
28.973	1.017	14.706					
11/20/2016 9:45:00 AM	387900.000	116.922	19.237	266.502	34520.313	38790.430	24.914
28.968	1.017	14.708					
11/20/2016 10:00:00 AM	388800.000	116.924	19.237	266.507	34533.320	38805.047	24.924
28.958	1.017	14.711					
11/20/2016 10:15:00 AM	389700.000	116.934	19.235	266.528	34525.098	38796.754	24.918
28.964	1.017	14.702					
11/20/2016 10:30:00 AM	390600.000	116.931	19.236	266.521	34515.746	38785.445	24.910
28.972	1.017	14.705					
11/20/2016 10:45:00 AM	391500.000	116.921	19.237	266.500	34525.473	38796.230	24.918
28.964	1.017	14.713					
11/20/2016 11:00:00 AM	392400.000	116.927	19.236	266.514	34531.395	38802.961	24.923
28.959	1.017	14.710					

11/20/2016 11:15:00 AM	393300.000	116.926	19.237	266.509	34538.531	38810.473	24.928	26.391
28.953	1.017	14.708						
11/20/2016 11:30:00 AM	394200.000	116.926	19.237	266.511	34510.508	38778.906	24.906	26.370
28.977	1.017	14.704						
11/20/2016 11:45:00 AM	395100.000	116.947	19.236	266.558	34528.465	38799.738	24.920	26.384
28.962	1.017	14.696						
11/20/2016 12:00:00 PM	396000.000	116.946	19.236	266.555	34530.707	38802.836	24.923	26.386
28.960	1.017	14.697						
11/20/2016 12:15:00 PM	396900.000	116.929	19.236	266.517	34543.680	38817.199	24.933	26.396
28.949	1.017	14.700						
11/20/2016 12:30:00 PM	397800.000	116.941	19.237	266.545	34528.820	38799.844	24.920	26.384
28.961	1.017	14.696						
11/20/2016 12:45:00 PM	398700.000	116.952	19.236	266.570	34507.914	38777.008	24.904	26.368
28.979	1.017	14.695						
11/20/2016 1:00:00 PM	399600.000	116.960	19.236	266.587	34539.910	38812.887	24.930	26.393
28.952	1.017	14.691						
11/20/2016 1:15:00 PM	400500.000	116.945	19.236	266.554	34497.191	38764.816	24.896	26.360
28.988	1.017	14.697						
11/20/2016 1:30:00 PM	401400.000	116.966	19.237	266.601	34538.215	38810.547	24.928	26.391
28.953	1.017	14.685						
11/20/2016 1:45:00 PM	402300.000	116.981	19.237	266.637	34524.652	38795.230	24.917	26.381
28.965	1.017	14.684						
11/20/2016 2:00:00 PM	403200.000	116.977	19.237	266.626	34529.727	38800.801	24.921	26.385
28.961	1.017	14.680						
11/20/2016 2:15:00 PM	404100.000	116.984	19.236	266.642	34513.969	38784.027	24.909	26.373
28.974	1.017	14.676						
11/20/2016 2:30:00 PM	405000.000	116.989	19.237	266.655	34525.063	38795.770	24.918	26.381
28.964	1.017	14.680						
11/20/2016 2:45:00 PM	405900.000	116.997	19.237	266.673	34516.242	38785.570	24.910	26.374
28.972	1.017	14.679						
11/20/2016 3:00:00 PM	406800.000	117.003	19.237	266.686	34486.453	38751.797	24.886	26.351
28.997	1.017	14.674						
11/20/2016 3:15:00 PM	407700.000	116.996	19.236	266.671	34508.734	38777.645	24.905	26.369
28.978	1.017	14.683						
11/20/2016 3:30:00 PM	408600.000	116.999	19.236	266.677	34510.766	38780.285	24.906	26.371
28.976	1.017	14.681						
11/20/2016 3:45:00 PM	409500.000	116.998	19.237	266.675	34508.832	38777.242	24.904	26.369
28.978	1.017	14.682						
11/20/2016 4:00:00 PM	410400.000	117.011	19.236	266.703	34537.555	38810.316	24.928	26.391
28.954	1.017	14.681						
11/20/2016 4:15:00 PM	411300.000	117.010	19.237	266.702	34509.063	38777.504	24.905	26.369
28.978	1.017	14.680						
11/20/2016 4:30:00 PM	412200.000	117.014	19.236	266.711	34530.543	38802.148	24.922	26.385
28.960	1.017	14.682						
11/20/2016 4:45:00 PM	413100.000	117.023	19.237	266.732	34514.516	38783.918	24.909	26.373
28.973	1.017	14.674						
11/20/2016 5:00:00 PM	414000.000	117.029	19.237	266.746	34525.215	38795.863	24.918	26.381
28.964	1.017	14.677						
11/20/2016 5:15:00 PM	414900.000	117.018	19.237	266.720	34525.742	38796.457	24.918	26.382
28.964	1.017	14.678						
11/20/2016 5:30:00 PM	415800.000	117.020	19.237	266.725	34535.785	38807.457	24.926	26.389
28.955	1.017	14.680						
11/20/2016 5:45:00 PM	416700.000	117.012	19.236	266.707	34521.523	38792.160	24.915	26.379
28.967	1.017	14.684						
11/20/2016 6:00:00 PM	417600.000	117.016	19.236	266.715	34536.887	38809.863	24.928	26.391
28.955	1.017	14.685						
11/20/2016 6:15:00 PM	418500.000	117.052	19.236	266.797	34512.512	38781.742	24.908	26.372
28.975	1.017	14.689						
11/20/2016 6:30:00 PM	419400.000	117.007	19.236	266.695	34507.703	38776.695	24.904	26.368
28.979	1.017	14.684						
11/20/2016 6:45:00 PM	420300.000	117.007	19.237	266.696	34523.164	38793.559	24.916	26.380
28.966	1.017	14.685						
11/20/2016 7:00:00 PM	421200.000	117.005	19.237	266.691	34515.859	38784.918	24.910	26.374
28.972	1.017	14.689						
11/20/2016 7:15:00 PM	422100.000	117.002	19.236	266.683	34517.234	38787.625	24.912	26.376
28.971	1.017	14.689						
11/20/2016 7:30:00 PM	423000.000	117.001	19.237	266.682	34556.117	38830.301	24.942	26.405
28.938	1.017	14.686						
11/20/2016 7:45:00 PM	423900.000	117.002	19.237	266.684	34524.406	38795.031	24.917	26.381
28.965	1.017	14.683						
11/20/2016 8:00:00 PM	424800.000	116.993	19.237	266.664	34508.668	38777.199	24.904	26.368
28.978	1.017	14.695						
11/20/2016 8:15:00 PM	425700.000	116.985	19.236	266.644	34520.680	38791.066	24.914	26.378
28.968	1.017	14.691						
11/20/2016 8:30:00 PM	426600.000	116.981	19.236	266.635	34523.422	38794.223	24.916	26.380
28.966	1.017	14.691						
11/20/2016 8:45:00 PM	427500.000	116.972	19.237	266.614	34499.098	38766.445	24.897	26.361
28.986	1.017	14.693						
11/20/2016 9:00:00 PM	428400.000	116.958	19.236	266.584	34517.449	38787.512	24.912	26.376
28.971	1.017	14.694						
11/20/2016 9:15:00 PM	429300.000	116.952	19.236	266.570	34511.426	38781.168	24.907	26.371
28.976	1.017	14.693						
11/20/2016 9:30:00 PM	430200.000	116.956	19.236	266.578	34510.754	38780.273	24.906	26.371
28.976	1.017	14.687						
11/20/2016 9:45:00 PM	431100.000	116.949	19.237	266.562	34530.793	38802.133	24.922	26.385
28.960	1.017	14.693						
11/20/2016 10:00:00 PM	432000.000	116.945	19.236	266.553	34535.137	38807.457	24.926	26.389
28.956	1.017	14.691						
11/20/2016 10:15:00 PM	432900.000	116.929	19.237	266.516	34516.184	38785.789	24.910	26.374
28.972	1.017	14.696						
11/20/2016 10:30:00 PM	433800.000	116.922	19.237	266.502	34499.176	38766.473	24.897	26.361
28.986	1.017	14.696						
11/20/2016 10:45:00 PM	434700.000	116.918	19.236	266.492	34497.688	38765.883	24.896	26.361
28.987	1.017	14.696						
11/20/2016 11:00:00 PM	435600.000	116.914	19.236	266.482	34519.512	38789.828	24.913	26.377
28.969	1.017	14.703						
11/20/2016 11:15:00 PM	436500.000	116.934	19.237	266.528	34502.754	38770.117	24.899	26.364
28.963	1.017	14.708						
11/20/2016 11:30:00 PM	437400.000	116.904	19.237	266.461	34535.645	38807.449	24.926	26.389
28.956	1.017	14.705						
11/20/2016 11:45:00 PM	438300.000	116.895	19.236	266.441	34531.949	38804.090	24.923	26.387
28.959	1.017	14.701						
11/21/2016 12:00:00 AM	439200.000	116.896	19.236	266.442	34516.922	38787.129	24.911	26.375
28.971	1.017	14.701						
11/21/2016 12:15:00 AM	440100.000	116.899	19.236	266.450	34519.836	38790.328	24.914	26.377
28.969	1.017	14.701						
11/21/2016 12:30:00 AM	441000.000	116.902	19.237	266.455	34521.934	38791.820	24.915	26.378
28.967	1.017	14.707						
11/21/2016 12:45:00 AM	441900.000	116.900	19.237	266.452	34531.715	38803.098	24.923	26.386
28.959	1.017	14.704						
11/21/2016 1:00:00 AM	442800.000	116.913	19.237	266.480	34506.340	38774.223	24.902	26.366
28.980	1.017	14.699						
11/21/2016 1:15:00 AM	443700.000	116.903	19.236	266.457	34531.926	38803.703	24.923	26.387
28.959	1.017	14.707						
11/21/2016 1:30:00 AM	444600.000	116.899	19.237	266.448	34512.340	38781.109	24.907	26.371
28.975	1.017	14.711						
11/21/2016 1:45:00 AM	445500.000	116.904	19.236	266.460	34512.855	38782.484	24.908	26.372
28.975	1.017	14.706						
11/21/2016 2:00:00 AM	446400.000	116.904	19.237	266.459	34504.375	38772.520	24.901	26.365
28.982	1.017	14.711						
11/21/2016 2:15:00 AM	447300.000	116.921	19.236	266.499	34531.164	38802.773	24.922	26.386
28.959	1.017	14.706						
11/21/2016 2:30:00 AM	448200.000	116.923	19.237	266.503	34543.617	38816.332	24.932	26.395
28.949	1.017	14.711						
11/21/2016 2:45:00 AM	449100.000	116.924	19.237	266.507	34521.539	38791.809	24.915	26.378
28.967	1.017	14.711						
11/21/2016 3:00:00 AM	450000.000	116.916	19.236	266.487	34522.207	38792.707	24.915	26.379
28.967	1.017	14.722						
11/21/2016 3:15:00 AM	450900.000	116.934	19.237	266.529	34541.543	38814.285	24.931	26.394
28.951	1.017	14.710				</		

28.975	1.017	14.711					
11/21/2016 4:00:00 AM	453600.000	116.955	19.236	266.576	34500.086	38767.926	24.898
28.985	1.017	14.712					26.362
11/21/2016 4:15:00 AM	454500.000	116.951	19.237	266.568	34525.488	38795.887	24.918
28.964	1.017	14.721					26.381
11/21/2016 4:30:00 AM	455400.000	116.968	19.237	266.605	34529.637	38800.906	24.921
28.961	1.017	14.718					26.385
11/21/2016 4:45:00 AM	456300.000	116.979	19.237	266.632	34533.859	38805.066	24.924
28.957	1.017	14.718					26.387
11/21/2016 5:00:00 AM	457200.000	116.984	19.236	266.643	34520.926	38791.418	24.914
28.968	1.017	14.716					26.378
11/21/2016 5:15:00 AM	458100.000	116.998	19.237	266.675	34524.270	38794.223	24.916
28.965	1.017	14.725					26.380
11/21/2016 5:30:00 AM	459000.000	117.004	19.237	266.687	34509.625	38778.215	24.905
28.977	1.017	14.724					26.369
11/21/2016 5:45:00 AM	459900.000	117.009	19.237	266.699	34537.637	38809.465	24.927
28.954	1.017	14.722					26.390
11/21/2016 6:00:00 AM	460800.000	117.004	19.236	266.688	34546.605	38820.125	24.935
28.946	1.017	14.731					26.398
11/21/2016 6:15:00 AM	461700.000	117.019	19.238	266.723	34517.926	38786.672	24.911
28.970	1.017	14.730					26.375
11/21/2016 6:30:00 AM	462600.000	117.026	19.237	266.737	34522.977	38793.215	24.916
28.966	1.017	14.733					26.379
11/21/2016 6:45:00 AM	463500.000	117.027	19.237	266.740	34530.129	38801.102	24.921
28.960	1.017	14.738					26.385
11/21/2016 7:00:00 AM	464400.000	117.027	19.237	266.741	34512.867	38781.988	24.908
28.975	1.017	14.742					26.372
11/21/2016 7:15:00 AM	465300.000	117.028	19.236	266.744	34543.410	38816.465	24.932
28.949	1.017	14.746					26.395
11/21/2016 7:30:00 AM	466200.000	117.034	19.237	266.758	34530.063	38801.180	24.921
28.960	1.017	14.746					26.385
11/21/2016 7:45:00 AM	467100.000	117.041	19.237	266.773	34502.551	38770.188	24.899
28.963	1.017	14.745					26.364
11/21/2016 8:00:00 AM	468000.000	117.038	19.236	266.765	34510.473	38779.883	24.906
28.977	1.017	14.752					26.370
11/21/2016 8:15:00 AM	468900.000	117.033	19.237	266.754	34532.020	38803.152	24.923
28.959	1.017	14.755					26.386
11/21/2016 8:30:00 AM	469800.000	117.043	19.236	266.777	34510.988	38780.031	24.906
28.976	1.017	14.756					26.370
11/21/2016 8:45:00 AM	470700.000	117.046	19.237	266.784	34532.074	38803.141	24.923
28.959	1.017	14.758					26.386
11/21/2016 9:00:00 AM	471600.000	117.039	19.237	266.768	34515.828	38784.738	24.910
28.972	1.017	14.763					26.374
11/21/2016 9:15:00 AM	472500.000	117.048	19.236	266.783	34517.559	38787.633	24.912
28.971	1.017	14.756					26.376
11/21/2016 9:30:00 AM	473400.000	117.044	19.236	266.780	34534.301	38806.520	24.925
28.957	1.017	14.760					26.388
11/21/2016 9:45:00 AM	474300.000	117.062	19.238	266.820	34515.992	38784.777	24.910
28.972	1.017	14.764					26.374
11/21/2016 10:00:00 AM	475200.000	117.043	19.236	266.777	34505.082	38773.395	24.902
28.961	1.017	14.761					26.366
11/21/2016 10:15:00 AM	476100.000	117.044	19.236	266.780	34519.711	38789.832	24.913
28.969	1.017	14.764					26.377
11/21/2016 10:30:00 AM	477000.000	117.037	19.237	266.764	34512.605	38781.262	24.907
28.975	1.017	14.764					26.371
11/21/2016 10:45:00 AM	477900.000	117.040	19.236	266.770	34541.297	38814.234	24.931
28.951	1.017	14.766					26.394
11/21/2016 11:00:00 AM	478800.000	117.033	19.236	266.755	34518.531	38789.012	24.913
28.970	1.017	14.765					26.377
11/21/2016 11:15:00 AM	479700.000	117.037	19.237	266.764	34524.848	38795.020	24.917
28.965	1.017	14.764					26.381
11/21/2016 11:30:00 AM	480600.000	117.029	19.237	266.745	34538.137	38810.383	24.928
28.954	1.017	14.766					26.391
11/21/2016 11:45:00 AM	481500.000	117.038	19.237	266.765	34545.535	38818.699	24.934
28.947	1.017	14.761					26.397
11/21/2016 12:00:00 PM	482400.000	117.031	19.237	266.749	34515.973	38785.270	24.910
28.972	1.017	14.760					26.374
11/21/2016 12:15:00 PM	483300.000	117.043	19.236	266.777	34541.047	38813.879	24.930
28.951	1.017	14.759					26.393
11/21/2016 12:30:00 PM	484200.000	117.037	19.236	266.762	34505.719	38774.398	24.902
28.981	1.017	14.759					26.367
11/21/2016 12:45:00 PM	485100.000	117.029	19.235	266.746	34531.863	38804.500	24.924
28.959	1.017	14.762					26.387
11/21/2016 1:00:00 PM	486000.000	117.033	19.237	266.754	34511.398	38779.980	24.906
28.976	1.017	14.757					26.370
11/21/2016 1:15:00 PM	486900.000	117.040	19.237	266.771	34514.469	38783.789	24.909
28.973	1.017	14.758					26.373
11/21/2016 1:30:00 PM	487800.000	117.036	19.237	266.761	34512.168	38780.992	24.907
28.975	1.017	14.755					26.371
11/21/2016 1:45:00 PM	488700.000	117.032	19.237	266.751	34509.293	38777.973	24.905
28.978	1.017	14.759					26.369
11/21/2016 2:00:00 PM	489600.000	117.038	19.237	266.765	34535.250	38806.563	24.925
28.956	1.017	14.761					26.388
11/21/2016 2:15:00 PM	490500.000	117.048	19.236	266.789	34519.828	38790.395	24.914
28.969	1.017	14.756					26.377
11/21/2016 2:30:00 PM	491400.000	117.049	19.237	266.792	34531.461	38802.957	24.923
28.959	1.017	14.759					26.386
11/21/2016 2:45:00 PM	492300.000	117.060	19.236	266.816	34519.469	38790.207	24.914
28.969	1.017	14.759					26.377
11/21/2016 3:00:00 PM	493200.000	117.054	19.236	266.803	34510.250	38779.777	24.906
28.977	1.017	14.763					26.370
11/21/2016 3:15:00 PM	494100.000	117.051	19.237	266.794	34500.848	38768.559	24.908
28.985	1.017	14.760					26.363
11/21/2016 3:30:00 PM	495000.000	117.070	19.236	266.839	34522.094	38792.512	24.915
28.967	1.017	14.762					26.379
11/21/2016 3:45:00 PM	495900.000	117.062	19.237	266.819	34522.910	38793.141	24.916
28.966	1.017	14.769					26.379
11/21/2016 4:00:00 PM	496800.000	117.056	19.237	266.808	34525.020	38795.137	24.917
28.965	1.017	14.766					26.381
11/21/2016 4:15:00 PM	497700.000	117.069	19.237	266.837	34532.113	38803.184	24.923
28.959	1.017	14.766					26.386
11/21/2016 4:30:00 PM	498600.000	117.064	19.237	266.826	34530.137	38801.324	24.921
28.960	1.017	14.771					26.385
11/21/2016 4:45:00 PM	499500.000	117.083	19.236	266.868	34549.289	38823.359	24.937
28.944	1.017	14.765					26.400
11/21/2016 5:00:00 PM	500400.000	117.086	19.237	266.875	34530.441	38801.668	24.922
28.960	1.017	14.762					26.385
11/21/2016 5:15:00 PM	501300.000	117.077	19.237	266.855	34523.844	38794.254	24.916
28.965	1.017	14.768					26.380
11/21/2016 5:30:00 PM	502200.000	117.073	19.236	266.846	34521.973	38792.594	24.915
28.967	1.017	14.775					26.379
11/21/2016 5:45:00 PM	503100.000	117.079	19.237	266.859	34534.199	38805.672	24.925
28.957	1.017	14.775					26.388
11/21/2016 6:00:00 PM	504000.000	117.073	19.237	266.846	34512.949	38781.434	24.907
28.975	1.017	14.781					26.371
11/21/2016 6:15:00 PM	504900.000	117.081	19.237	266.863	34535.551	38807.406	24.926
28.956	1.017	14.783					26.389
11/21/2016 6:30:00 PM	505800.000	117.085	19.237	266.872	34514.332	38783.348	24.909
28.973	1.017	14.787					26.373
11/21/2016 6:45:00 PM	506700.000	117.068	19.237	266.835	34500.902	38767.969	24.898
28.985	1.017	14.786					26.362
11/21/2016 7:00:00 PM	507600.000	117.066	19.237	266.829	34507.195	38775.328	24.903
28.979	1.017	14.788					26.367
11/21/2016 7:15:00 PM	508500.000	117.076	19.236	266.852	34526.133	38797.340	24.919
28.964	1.017	14.789					26.382
11/21/2016 7:30:00 PM	509400.000	117.073	19.237	266.845	34488.289	38754.238	24.888
28.995	1.017	14.791					26.353
11/21/2016 7:45:00 PM	510300.000	117.080	19.237	266.816	34519.066	38788.445	24.912
28.969	1.017	14.799					26.376
11/21/2016 8:00:00 PM	511200.000	117.065	19.237	266.828	34524.629	38795.137	24.917
28.965	1.017	14.789					26.381
11/21/2016 8:15:00 PM	512100.000	117.054	19.237	266.802	34507.973	38776.418	24.904
28.979	1.017	14.799					26.368

11/21/2016 8:30:00 PM	513000.000	11/21/2016 8:30:00 PM	266.796	34522.516	38792.762	24.915	26.379
28.967	1.017	11/21/2016 8:45:00 PM	266.793	34512.645	38782.039	24.908	26.372
11/21/2016 8:45:00 PM	513900.000	28.975	266.771	34511.891	38780.168	24.906	26.371
28.976	1.017	11/21/2016 9:00:00 PM	266.777	34500.125	38767.969	24.898	26.362
11/21/2016 9:00:00 PM	514800.000	28.985	266.749	34504.219	38772.715	24.901	26.365
28.976	1.017	11/21/2016 9:15:00 PM	266.738	34510.770	38779.500	24.906	26.370
11/21/2016 9:15:00 PM	515700.000	28.982	266.709	34513.719	38783.605	24.909	26.373
28.985	1.017	11/21/2016 9:30:00 PM	266.692	34515.770	38786.203	24.911	26.375
11/21/2016 9:30:00 PM	516600.000	28.972	266.693	34509.176	38777.332	24.904	26.369
28.982	1.017	11/21/2016 9:45:00 PM	266.674	34504.191	38773.121	24.901	26.366
11/21/2016 9:45:00 PM	517500.000	28.978	266.663	34518.652	38789.074	24.913	26.377
28.976	1.017	11/21/2016 10:00:00 PM	266.650	34525.645	38796.063	24.918	26.381
11/21/2016 10:00:00 PM	518400.000	28.962	266.684	34507.703	38776.559	24.904	26.368
28.974	1.017	11/21/2016 10:15:00 PM	266.614	34516.238	38785.930	24.911	26.374
11/21/2016 10:15:00 PM	519300.000	28.972	266.637	34527.703	38799.391	24.920	26.384
28.972	1.017	11/21/2016 10:30:00 PM	266.603	34506.172	38774.910	24.903	26.367
11/21/2016 10:30:00 PM	520200.000	28.978	266.570	34527.336	38798.832	24.920	26.383
28.978	1.017	11/21/2016 10:45:00 PM	266.574	34519.453	38789.258	24.913	26.377
11/21/2016 10:45:00 PM	521100.000	28.962	266.572	34516.004	38785.512	24.910	26.374
28.962	1.017	11/21/2016 11:00:00 PM	266.585	34521.719	38792.234	24.915	26.379
11/21/2016 11:00:00 PM	522000.000	28.970	266.584	34518.410	38788.293	24.912	26.376
28.970	1.017	11/21/2016 11:15:00 PM	266.573	34525.535	38796.445	24.918	26.382
11/21/2016 11:15:00 PM	522900.000	28.964	266.550	34510.699	38780.137	24.906	26.370
28.964	1.017	11/21/2016 11:30:00 PM	266.571	34501.629	38768.852	24.898	26.363
11/21/2016 11:30:00 PM	523800.000	28.979	266.616	34535.168	38806.691	24.925	26.389
28.979	1.017	11/22/2016 12:00:00 AM	266.596	34523.230	38793.125	24.916	26.379
11/22/2016 12:00:00 AM	524700.000	28.972	266.582	34500.512	38767.672	24.898	26.362
28.962	1.017	11/22/2016 12:15:00 AM	266.629	34528.820	38800.645	24.921	26.384
11/22/2016 12:15:00 AM	525600.000	28.966	266.623	34539.223	38811.680	24.929	26.392
28.966	1.017	11/22/2016 12:30:00 AM	266.648	34505.340	38773.246	24.902	26.366
11/22/2016 12:30:00 AM	527400.000	28.963	266.643	34505.605	38773.758	24.902	26.366
28.963	1.017	11/22/2016 12:45:00 AM	266.665	34521.117	38790.750	24.914	26.378
11/22/2016 12:45:00 AM	528300.000	28.969	266.718	34537.402	38810.066	24.928	26.391
28.969	1.017	11/22/2016 1:00:00 AM	266.715	34542.547	38815.715	24.932	26.395
11/22/2016 1:00:00 AM	529200.000	28.972	266.740	34526.129	38796.820	24.918	26.382
28.972	1.017	11/22/2016 1:15:00 AM	266.766	34513.461	38782.078	24.908	26.372
11/22/2016 1:15:00 AM	530100.000	28.967	266.768	34536.078	38807.785	24.926	26.389
28.967	1.017	11/22/2016 1:30:00 AM	266.787	34515.219	38784.855	24.910	26.374
11/22/2016 1:30:00 AM	531000.000	28.970	266.810	34518.855	38788.363	24.912	26.376
28.970	1.017	11/22/2016 1:45:00 AM	266.811	34525.191	38795.836	24.918	26.381
11/22/2016 1:45:00 AM	531900.000	28.964	266.835	34525.281	38795.293	24.917	26.381
28.964	1.017	11/22/2016 2:00:00 AM	266.840	34523.098	38793.129	24.916	26.379
11/22/2016 2:00:00 AM	532800.000	28.977	266.842	34541.074	38814.344	24.931	26.394
28.977	1.017	11/22/2016 2:15:00 AM	266.863	34524.359	38793.969	24.916	26.380
11/22/2016 2:15:00 AM	533700.000	28.984	266.877	34514.184	38783.543	24.909	26.373
28.984	1.017	11/22/2016 2:30:00 AM	266.899	34521.527	38782.629	24.908	26.372
11/22/2016 2:30:00 AM	534600.000	28.956	266.892	34524.621	38795.063	24.917	26.381
28.956	1.017	11/22/2016 2:45:00 AM	266.864	34509.660	38777.383	24.904	26.369
11/22/2016 2:45:00 AM	535500.000	28.965	266.882	34507.457	38776.063	24.904	26.368
28.965	1.017	11/22/2016 3:00:00 AM	266.886	34529.242	38800.391	24.921	26.384
11/22/2016 3:00:00 AM	536400.000	28.985	266.880	34517.703	38786.914	24.911	26.375
28.985	1.017	11/22/2016 3:15:00 AM	266.920	34512.617	38781.707	24.908	26.372
11/22/2016 3:15:00 AM	537300.000	28.961	266.917	34513.973	38782.875	24.908	26.372
28.961	1.017	11/22/2016 3:30:00 AM	266.888	34519.645	38788.805	24.913	26.376
11/22/2016 3:30:00 AM	538200.000	28.964	266.862	34517.645	38786.355	24.911	26.375
28.964	1.017	11/22/2016 3:45:00 AM	266.905	34516.371	38786.148	24.911	26.375
11/22/2016 3:45:00 AM	539100.000	28.956	266.877	34528.516	38800.082	24.921	26.384
28.956	1.017	11/22/2016 3:50:00 AM	266.868	34534.105	38805.566	24.925	26.388
11/22/2016 3:50:00 AM	540000.000	28.964	266.892	34523.750	38793.785	24.916	26.380
28.964	1.017	11/22/2016 4:00:00 AM	266.862	34504.844	38772.840	24.901	26.366
11/22/2016 4:00:00 AM	540900.000	28.981	266.864	34520.586	38791.617	24.915	26.378
28.981	1.017	11/22/2016 4:15:00 AM	266.851	34501.188	38768.652	24.898	26.363
11/22/2016 4:15:00 AM	541800.000	28.968	266.865	34506.684	38774.531	24.902	26.367
28.968	1.017	11/22/2016 4:30:00 AM	266.852	34505.367	38773.859	24.902	26.366
11/22/2016 4:30:00 AM	542700.000	28.964	266.834	34523.918	38794.195	24.916	26.380
28.964	1.017	11/22/2016 4:45:00 AM	266.820	34515.652	38784.543	24.910	26.373
11/22/2016 4:45:00 AM	543600.000	28.950					
28.950	1.017	11/22/2016 5:00:00 AM					
11/22/2016 5:00:00 AM	544500.000	28.974					
28.974	1.017	11/22/2016 5:15:00 AM					
11/22/2016 5:15:00 AM	545400.000	28.964					
28.964	1.017	11/22/2016 5:30:00 AM					
11/22/2016 5:30:00 AM	546300.000	28.974					
28.974	1.017	11/22/2016 5:45:00 AM					
11/22/2016 5:45:00 AM	547200.000	28.955					
28.955	1.017	11/22/2016 6:00:00 AM					
11/22/2016 6:00:00 AM	548100.000	28.973					
28.973	1.017	11/22/2016 6:15:00 AM					
11/22/2016 6:15:00 AM	549000.000	28.970					
28.970	1.017	11/22/2016 6:30:00 AM					
11/22/2016 6:30:00 AM	549900.000	28.964					
28.964	1.017	11/22/2016 6:45:00 AM					
11/22/2016 6:45:00 AM	550800.000	28.966					
28.966	1.017	11/22/2016 7:00:00 AM					
11/22/2016 7:00:00 AM	551700.000	28.951					
28.951	1.017	11/22/2016 7:15:00 AM					
11/22/2016 7:15:00 AM	552600.000	28.975					
28.975	1.017	11/22/2016 7:30:00 AM					
11/22/2016 7:30:00 AM	553500.000	28.974					
28.974	1.017	11/22/2016 7:45:00 AM					
11/22/2016 7:45:00 AM	554400.000	28.975					
28.975	1.017	11/22/2016 8:00:00 AM					
11/22/2016 8:00:00 AM	555300.000	28.965					
28.965	1.017	11/22/2016 8:15:00 AM					
11/22/2016 8:15:00 AM	556200.000	28.977					
28.977	1.017	11/22/2016 8:30:00 AM					
11/22/2016 8:30:00 AM	557100.000	28.979					
28.979	1.017	11/22/2016 8:45:00 AM					
11/22/2016 8:45:00 AM	558000.000	28.961					
28.961	1.017	11/22/2016 9:00:00 AM					
11/22/2016 9:00:00 AM	558900.000	28.971					
28.971	1.017	11/22/2016 9:15:00 AM					
11/22/2016 9:15:00 AM	559800.000	28.975					
28.975	1.017	11/22/2016 9:30:00 AM					
11/22/2016 9:30:00 AM	560700.000	28.974					
28.974	1.017	11/22/2016 9:45:00 AM					
11/22/2016 9:45:00 AM	561600.000	28.969					
28.969	1.017	11/22/2016 10:00:00 AM					
11/22/2016 10:00:00 AM	562500.000	28.971					
28.971	1.017	11/22/2016 10:15:00 AM					
11/22/2016 10:15:00 AM	563400.000	28.972					
28.972	1.017	11/22/2016 10:30:00 AM					
11/22/2016 10:30:00 AM	564300.000	28.962					
28.962	1.017	11/22/2016 10:45:00 AM					
11/22/2016 10:45:00 AM	565200.000	28.957					
28.957	1.017	11/22/2016 11:00:00 AM					
11/22/2016 11:00:00 AM	566100.000	28.966					
28.966	1.017	11/22/2016 11:15:00 AM					
11/22/2016 11:15:00 AM	567000.000	28.981					
28.981	1.017	11/22/2016 11:30:00 AM					
11/22/2016 11:30:00 AM	567900.000	28.968					
28.968	1.017	11/22/2016 11:45:00 AM					
11/22/2016 11:45:00 AM	568800.000	28.985					
28.985	1.017	11/22/2016 12:00:00 PM					
11/22/2016 12:00:00 PM	569700.000	28.980					
28.980	1.017	11/22/2016 12:15:00 PM					
11/22/2016 12:15:00 PM	570600.000	28.981					
28.981	1.017	11/22/2016 12:30:00 PM					
11/22/2016 12:30:00 PM	571500.000	28.965					
28.965	1.017	11/22/2016 12:45:00 PM					
11/22/2016 12:45:00 PM	572400.000	11/22/2016 1:00:00 PM					
28.965							

28.972	1.017	14.810					
11/22/2016 1:15:00 PM	573300.000	117.054	19.237	266.801	34512.691	38781.867	24.908
28.975	1.017	14.808					26.372
11/22/2016 1:30:00 PM	574200.000	117.062	19.237	266.821	34513.570	38782.855	24.908
28.974	1.017	14.807					26.372
11/22/2016 1:45:00 PM	575100.000	117.061	19.237	266.818	34507.117	38775.172	24.903
28.980	1.017	14.802					26.367
11/22/2016 2:00:00 PM	576000.000	117.059	19.236	266.814	34513.996	38783.410	24.909
28.974	1.017	14.800					26.373
11/22/2016 2:15:00 PM	576900.000	117.058	19.237	266.812	34511.719	38780.566	24.907
28.976	1.017	14.803					26.371
11/22/2016 2:30:00 PM	577800.000	117.052	19.237	266.798	34510.109	38778.820	24.905
28.977	1.017	14.809					26.370
11/22/2016 2:45:00 PM	578700.000	117.053	19.237	266.800	34525.051	38795.469	24.917
28.964	1.017	14.808					26.381
11/22/2016 3:00:00 PM	579600.000	117.060	19.236	266.816	34518.754	38789.188	24.913
28.970	1.017	14.801					26.377
11/22/2016 3:15:00 PM	580500.000	117.051	19.237	266.795	34542.109	38814.418	24.931
28.950	1.017	14.809					26.394
11/22/2016 3:30:00 PM	581400.000	117.048	19.236	266.789	34510.887	38779.918	24.906
28.976	1.017	14.811					26.370
11/22/2016 3:45:00 PM	582300.000	117.064	19.237	266.826	34543.527	38815.934	24.932
28.949	1.017	14.805					26.395
11/22/2016 4:00:00 PM	583200.000	117.055	19.237	266.803	34489.406	38755.699	24.889
28.994	1.017	14.807					26.354
11/22/2016 4:15:00 PM	584100.000	117.065	19.237	266.828	34518.660	38788.367	24.912
28.970	1.017	14.809					26.376
11/22/2016 4:30:00 PM	585000.000	117.062	19.237	266.821	34503.941	38772.035	24.901
28.982	1.017	14.809					26.365
11/22/2016 4:45:00 PM	585900.000	117.060	19.237	266.815	34515.098	38784.496	24.910
28.973	1.017	14.813					26.373
11/22/2016 5:00:00 PM	586800.000	117.055	19.236	266.804	34535.633	38808.016	24.926
28.956	1.017	14.809					26.389
11/22/2016 5:15:00 PM	587700.000	117.071	19.237	266.841	34536.199	38807.922	24.926
28.955	1.017	14.812					26.389
11/22/2016 5:30:00 PM	588600.000	117.065	19.236	266.826	34520.754	38791.004	24.914
28.968	1.017	14.809					26.378
11/22/2016 5:45:00 PM	589500.000	117.077	19.237	266.855	34500.516	38767.602	24.898
28.985	1.017	14.811					26.362
11/22/2016 6:00:00 PM	590400.000	117.073	19.237	266.845	34515.918	38785.133	24.910
28.972	1.017	14.814					26.374
11/22/2016 6:15:00 PM	591300.000	117.070	19.237	266.839	34502.906	38770.363	24.899
28.983	1.017	14.813					26.364
11/22/2016 6:30:00 PM	592200.000	117.062	19.237	266.866	34529.766	38800.621	24.921
28.961	1.017	14.814					26.384
11/22/2016 6:45:00 PM	593100.000	117.076	19.237	266.853	34528.164	38798.891	24.920
28.962	1.017	14.807					26.383
11/22/2016 7:00:00 PM	594000.000	117.067	19.237	266.831	34493.984	38760.340	24.892
28.991	1.017	14.809					26.357
11/22/2016 7:15:00 PM	594900.000	117.076	19.237	266.853	34543.344	38816.102	24.932
28.949	1.017	14.813					26.395
11/22/2016 7:30:00 PM	595800.000	117.074	19.237	266.847	34520.922	38791.039	24.914
28.968	1.017	14.816					26.378
11/22/2016 7:45:00 PM	596700.000	117.088	19.236	266.880	34518.918	38789.086	24.913
28.970	1.017	14.810					26.377
11/22/2016 8:00:00 PM	597600.000	117.076	19.236	266.852	34512.117	38781.301	24.907
28.975	1.017	14.814					26.371
11/22/2016 8:15:00 PM	598500.000	117.072	19.236	266.843	34516.074	38785.965	24.911
28.972	1.017	14.814					26.374
11/22/2016 8:30:00 PM	599400.000	117.075	19.236	266.849	34526.980	38798.000	24.919
28.963	1.017	14.808					26.383
11/22/2016 8:45:00 PM	600300.000	117.065	19.237	266.827	34536.738	38808.164	24.926
28.955	1.017	14.813					26.390
11/22/2016 9:00:00 PM	601200.000	117.064	19.237	266.824	34524.355	38794.250	24.916
28.965	1.017	14.807					26.380
11/22/2016 9:15:00 PM	602100.000	117.057	19.236	266.809	34527.031	38798.348	24.919
28.963	1.017	14.812					26.383
11/22/2016 9:30:00 PM	603000.000	117.050	19.237	266.793	34515.441	38784.813	24.910
28.973	1.017	14.809					26.374
11/22/2016 9:45:00 PM	603900.000	117.040	19.236	266.769	34509.148	38778.762	24.905
28.978	1.017	14.807					26.370
11/22/2016 10:00:00 PM	604800.000	117.045	19.236	266.783	34523.434	38794.016	24.916
28.966	1.017	14.809					26.380
11/22/2016 10:15:00 PM	605700.000	117.041	19.236	266.772	34510.387	38779.426	24.906
28.977	1.017	14.815					26.370
11/22/2016 10:30:00 PM	606600.000	117.034	19.236	266.756	34500.188	38767.965	24.898
28.985	1.017	14.811					26.362
11/22/2016 10:45:00 PM	607500.000	117.021	19.236	266.727	34523.008	38794.043	24.916
28.966	1.017	14.814					26.380
11/22/2016 11:00:00 PM	608400.000	117.017	19.236	266.717	34515.566	38785.395	24.910
28.972	1.017	14.816					26.374
11/22/2016 11:15:00 PM	609300.000	117.009	19.237	266.699	34515.875	38785.012	24.910
28.966	1.017	14.814					26.374
11/22/2016 11:30:00 PM	610200.000	117.009	19.236	266.699	34509.660	38779.043	24.906
28.977	1.017	14.810					26.370
11/22/2016 11:45:00 PM	611100.000	117.001	19.236	266.682	34504.164	38772.508	24.901
28.982	1.017	14.807					26.365
11/23/2016 12:00:00 AM	612000.000	117.001	19.236	266.680	34516.977	38786.828	24.911
28.971	1.017	14.808					26.375
11/23/2016 12:15:00 AM	612900.000	116.990	19.236	266.656	34484.621	38750.473	24.885
28.998	1.017	14.818					26.350
11/23/2016 12:30:00 AM	613800.000	116.987	19.236	266.648	34503.266	38771.496	24.900
28.983	1.017	14.812					26.365
11/23/2016 12:45:00 AM	614700.000	116.981	19.237	266.636	34529.539	38800.723	24.921
28.961	1.017	14.805					26.384
11/23/2016 1:00:00 AM	615600.000	116.984	19.237	266.642	34495.809	38762.750	24.894
28.989	1.017	14.801					26.359
11/23/2016 1:15:00 AM	616500.000	116.977	19.236	266.626	34501.730	38770.059	24.899
28.984	1.017	14.804					26.364
11/23/2016 1:30:00 AM	617400.000	116.980	19.236	266.632	34507.668	38776.371	24.904
28.979	1.017	14.803					26.368
11/23/2016 1:45:00 AM	618300.000	116.972	19.236	266.616	34490.863	38757.992	24.891
28.993	1.017	14.810					26.355
11/23/2016 2:00:00 AM	619200.000	116.977	19.236	266.627	34511.316	38780.398	24.907
28.976	1.017	14.809					26.371
11/23/2016 2:15:00 AM	620100.000	116.964	19.237	266.597	34491.418	38757.676	24.890
28.993	1.017	14.818					26.355
11/23/2016 2:30:00 AM	621000.000	116.967	19.237	266.604	34512.738	38781.633	24.907
28.975	1.017	14.818					26.372
11/23/2016 2:45:00 AM	621900.000	116.978	19.236	266.628	34520.945	38791.441	24.914
28.968	1.017	14.812					26.378
11/23/2016 3:00:00 AM	622800.000	116.983	19.236	266.640	34530.344	38802.000	24.922
28.960	1.017	14.814					26.385
11/23/2016 3:15:00 AM	623700.000	116.983	19.236	266.640	34497.461	38764.898	24.896
28.988	1.017	14.814					26.360
11/23/2016 3:30:00 AM	624600.000	116.973	19.237	266.618	34511.848	38780.559	24.907
28.976	1.017	14.827					26.371
11/23/2016 3:45:00 AM	625500.000	116.964	19.236	266.642	34517.582	38787.441	24.912
28.971	1.017	14.831					26.375
11/23/2016 4:00:00 AM	626400.000	116.979	19.236	266.630	34522.035	38792.445	24.915
28.967	1.017	14.837					26.379
11/23/2016 4:15:00 AM	627300.000	116.989	19.236	266.653	34502.027	38770.031	24.899
28.984	1.017	14.839					26.364
11/23/2016 4:30:00 AM	628200.000	116.987	19.237	266.650	34501.352	38769.125	24.899
28.984	1.017	14.846					26.363
11/23/2016 4:45:00 AM	629100.000	117.001	19.238	266.680	34518.270	38787.195	24.911
28.970	1.017	14.845					26.375
11/23/2016 5:00:00 AM	630000.000	117.011	19.237	266.704	34500.641	38768.180	24.898
28.985	1.017	14.842					26.362
11/23/2016 5:15:00 AM	630900.000	117.039	19.237	266.769	34518.520	38788.414	24.912
28.970	1.017	14.852					26.376
11/23/2016 5:30:00 AM	631800.000	117.018	19.237	266.720	34518.324	38787.766	24.912
28.970	1.017	14.851					26.376

28.969	1.017	14.903						
11/23/2016 10:30:00 PM	693000.000	117.021	19.237	266.726	34476.285	38740.750	24.878	26.344
29.005	1.017	14.900						
11/23/2016 10:45:00 PM	693900.000	116.997	19.236	266.672	34509.395	38778.238	24.905	26.369
28.978	1.017	14.900						
11/23/2016 11:00:00 PM	694800.000	116.993	19.236	266.663	34499.402	38767.301	24.897	26.362
28.986	1.017	14.905						
11/23/2016 11:15:00 PM	695700.000	116.995	19.237	266.668	34506.977	38775.301	24.903	26.367
28.980	1.017	14.907						
11/23/2016 11:30:00 PM	696600.000	116.994	19.236	266.666	34497.473	38764.988	24.896	26.360
28.988	1.017	14.904						
11/23/2016 11:45:00 PM	697500.000	116.977	19.237	266.626	34507.016	38775.281	24.903	26.367
28.980	1.017	14.906						

Serial_number:

1068256

Project ID:

MPWSP MW-7M

Location:

MPWSP MW-7M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/17/2016	0:00:00	0	133.977	18	5146
11/17/2016	0:15:00	0	134.034	18	5143.7
11/17/2016	0:30:00	0	134.013	18	5173.3
11/17/2016	0:45:00	0	134.013	18	5140.3
11/17/2016	1:00:00	0	134.023	18	5091.2
11/17/2016	1:15:00	0	134.024	18	4975
11/17/2016	1:30:00	0	134.027	18	4992.1
11/17/2016	1:45:00	0	134.023	18	4922.5
11/17/2016	2:00:00	0	134.054	18	4928.2
11/17/2016	2:15:00	0	134.042	18	4935.1
11/17/2016	2:30:00	0	134.037	18	4843.9
11/17/2016	2:45:00	0	134.077	18	4849.6
11/17/2016	3:00:00	0	134.056	18	4915.7
11/17/2016	3:15:00	0	134.057	18	4811.9
11/17/2016	3:30:00	0	134.094	18	4764.1
11/17/2016	3:45:00	0	134.057	18	4792.6
11/17/2016	4:00:00	0	134.041	18	4751.5
11/17/2016	4:15:00	0	134.101	18	4768.6
11/17/2016	4:30:00	0	134.076	18	4762.9
11/17/2016	4:45:00	0	134.09	18	4703.6
11/17/2016	5:00:00	0	134.105	18	4731
11/17/2016	5:15:00	0	134.08	18	4717.3
11/17/2016	5:30:00	0	134.08	18	4672.9
11/17/2016	5:45:00	0	134.083	18	4750.4
11/17/2016	6:00:00	0	134.105	18	4684.3
11/17/2016	6:15:00	0	134.105	18	4748.1
11/17/2016	6:30:00	0	134.081	18	4751.5
11/17/2016	6:45:00	0	134.094	18	4700.2
11/17/2016	7:00:00	0	134.112	18	4806.2
11/17/2016	7:15:00	0	134.103	18	4757.2
11/17/2016	7:30:00	0	134.114	18	4762.9

11/17/2016	7:45:00	0	134.112	18	4764.1
11/17/2016	8:00:00	0	134.102	18	4774.3
11/17/2016	8:15:00	0	134.132	18	4736.7
11/17/2016	8:30:00	0	134.108	18	4697.9
11/17/2016	8:45:00	0	134.129	18	4759.5
11/17/2016	9:00:00	0	134.128	18	4735.6
11/17/2016	9:15:00	0	134.132	18	4734.4
11/17/2016	9:30:00	0	134.131	18	4766.3
11/17/2016	9:45:00	0	134.153	18	4882.6
11/17/2016	10:00:00	0	134.151	18	4778.9
11/17/2016	10:15:00	0	134.134	18	4675.1
11/17/2016	10:30:00	0	134.145	18	4695.7
11/17/2016	10:45:00	0	134.203	18	4622.7
11/17/2016	11:00:00	0	134.15	18	4637.5
11/17/2016	11:15:00	0	134.15	18	4583.9
11/17/2016	11:30:00	0	134.174	18	4674
11/17/2016	11:45:00	0	134.183	18	4531.5
11/17/2016	12:00:00	0	134.193	18	4512.1
11/17/2016	12:15:00	0	134.202	18	4415.2
11/17/2016	12:30:00	0	134.186	18	4468.8
11/17/2016	12:45:00	0	134.229	18	4400.4
11/17/2016	13:00:00	0	134.217	18	4369.6
11/17/2016	13:15:00	0	134.205	18	4321.7
11/17/2016	13:30:00	0	134.214	18	4350.2
11/17/2016	13:45:00	0	134.217	18	4317.2
11/17/2016	14:00:00	0	134.236	18	4322.9
11/17/2016	14:15:00	0	134.21	18	4316
11/17/2016	14:30:00	0	134.239	18	4145
11/17/2016	14:45:00	0	134.22	18	4234
11/17/2016	15:00:00	0	134.221	18	4296.7
11/17/2016	15:15:00	0	134.204	18	4262.5
11/17/2016	15:30:00	0	134.207	18	4268.2
11/17/2016	15:45:00	0	134.227	18	4314.9
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11/17/2016	16:15:00	0	134.211	18	4422.1
11/17/2016	16:30:00	0	134.211	18	4285.3
11/17/2016	16:45:00	0	134.194	18	4434.6
11/17/2016	17:00:00	0	134.173	18	4477.9
11/17/2016	17:15:00	0	134.195	18	4547.5
11/17/2016	17:30:00	0	134.172	18	4596.5
11/17/2016	17:45:00	0	134.194	18	4596.5
11/17/2016	18:00:00	0	134.173	18	4622.7
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11/17/2016	18:30:00	0	134.151	18	4718.5
11/17/2016	18:45:00	0	134.15	18	4900.9
11/17/2016	19:00:00	0	134.127	18	4841.6
11/17/2016	19:15:00	0	134.109	18	4874.6

11/17/2016	19:30:00	0	134.13	18	4984.1
11/17/2016	19:45:00	0	134.129	18	5003.5
11/17/2016	20:00:00	0	134.071	18	5045.6
11/17/2016	20:15:00	0	134.055	18	5014.9
11/17/2016	20:30:00	0	134.073	18	5091.2
11/17/2016	20:45:00	0	134.031	18	5120.9
11/17/2016	21:00:00	0	134.05	18	5256.5
11/17/2016	21:15:00	0	134.052	18	5337.5
11/17/2016	21:30:00	0	134.019	18	5490.2
11/17/2016	21:45:00	0	134.059	18	5363.7
11/17/2016	22:00:00	0	134.022	18	5303.3
11/17/2016	22:15:00	0	134.023	18	5352.3
11/17/2016	22:30:00	0	134.02	18	5388.8
11/17/2016	22:45:00	0	134.042	18	5400.2
11/17/2016	23:00:00	0	134.042	18	5384.2
11/17/2016	23:15:00	0	134.056	18.1	5377
11/17/2016	23:30:00	0	134.001	18	5420.7
11/17/2016	23:45:00	0	134.003	18	5427.5
11/18/2016	0:00:00	0	134.003	18	5396.8
11/18/2016	0:15:00	0	133.966	18	5408.2
11/18/2016	0:30:00	0	134.008	18	5303.3
11/18/2016	0:45:00	0	133.993	18	5392.2
11/18/2016	1:00:00	0	134.038	18	5321.5
11/18/2016	1:15:00	0	134.004	18	5264.5
11/18/2016	1:30:00	0	134.007	18	5204.1
11/18/2016	1:45:00	0	134.026	18	5263.4
11/18/2016	2:00:00	0	134.042	18	5092.4
11/18/2016	2:15:00	0	134.042	18	5133.4
11/18/2016	2:30:00	0	134.059	18	5159.6
11/18/2016	2:45:00	0	134.06	18.1	5114.2
11/18/2016	3:00:00	0	134.04	18	5043.4
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11/18/2016	3:30:00	0	134.021	18	5099.2
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11/18/2016	4:15:00	0	134.067	18	4997.8
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11/18/2016	4:45:00	0	134.022	18	4850.7
11/18/2016	5:00:00	0	134.064	18	4834.7
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11/18/2016	5:30:00	0	134.108	18	4880.3
11/18/2016	5:45:00	0	134.058	18	4712.8
11/18/2016	6:00:00	0	134.039	18.1	4761.4
11/18/2016	6:15:00	0	134.082	18	4784.6
11/18/2016	6:30:00	0	134.1	18.1	4836.5
11/18/2016	6:45:00	0	134.093	18.1	4876.3
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11/18/2016	7:30:00	0	134.098	18	4781.2
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11/18/2016	8:00:00	0	134.098	18	4902
11/18/2016	8:15:00	0	134.089	18.1	4825.1
11/18/2016	8:30:00	0	134.12	18	4935.1
11/18/2016	8:45:00	0	134.094	18	4929.4
11/18/2016	9:00:00	0	134.095	18.1	4792.1
11/18/2016	9:15:00	0	134.071	18	4823.3
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11/18/2016	11:00:00	0	134.119	18	4832.5
11/18/2016	11:15:00	0	134.145	18	4814.2
11/18/2016	11:30:00	0	134.135	18	4719.6
11/18/2016	11:45:00	0	134.123	18	4729.9
11/18/2016	12:00:00	0	134.17	18	4797.1
11/18/2016	12:15:00	0	134.157	18	4669.4
11/18/2016	12:30:00	0	134.15	18	4643.2
11/18/2016	12:45:00	0	134.183	18	4622.7
11/18/2016	13:00:00	0	134.187	18	4525.8
11/18/2016	13:15:00	0	134.195	18	4562.3
11/18/2016	13:30:00	0	134.16	18	4435.7
11/18/2016	13:45:00	0	134.204	18	4586.2
11/18/2016	14:00:00	0	134.15	18	4462
11/18/2016	14:15:00	0	134.192	18	4430
11/18/2016	14:30:00	0	134.177	18	4303.5
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11/18/2016	15:30:00	0	134.203	18	4336.6
11/18/2016	15:45:00	0	134.182	18	4316
11/18/2016	16:00:00	0	134.223	18	4358.2
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11/18/2016	17:00:00	0	134.213	18	4304.6
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11/18/2016	18:30:00	0	134.162	18	4579.4
11/18/2016	18:45:00	0	134.164	18	4650.1

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11/18/2016	21:00:00	0	134.045	18	5067.3
11/18/2016	21:15:00	0	134.086	18	5143.7
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11/18/2016	22:30:00	0	134.083	18	5368.3
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11/18/2016	23:45:00	0	134.043	18.1	5416.9
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11/19/2016	5:30:00	0	134.084	18	4866.7
11/19/2016	5:45:00	0	134.123	18	4827.9
11/19/2016	6:00:00	0	134.126	18	4845
11/19/2016	6:15:00	0	134.128	18	4708.2
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11/19/2016	6:45:00	0	134.137	18	4900.9
11/19/2016	7:00:00	0	134.141	18	4747
11/19/2016	7:15:00	0	134.127	18	4753.8
11/19/2016	7:30:00	0	134.162	18	4703.6
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11/19/2016	8:00:00	0	134.149	18	4847.3
11/19/2016	8:15:00	0	134.129	18	4718.5
11/19/2016	8:30:00	0	134.148	18	4717.3
11/19/2016	8:45:00	0	134.121	18	4653.5
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11/19/2016	9:15:00	0	134.12	18	4725.3
11/19/2016	9:30:00	0	134.144	18	4742.4
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11/19/2016	10:00:00	0	134.142	18	4655.8
11/19/2016	10:15:00	0	134.186	18	4785.7
11/19/2016	10:30:00	0	134.177	18.1	4611.2
11/19/2016	10:45:00	0	134.18	18	4761.8
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11/19/2016	11:30:00	0	134.173	18	4685.4
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11/19/2016	12:00:00	0	134.179	18	4768.6
11/19/2016	12:15:00	0	134.238	18	4591.9
11/19/2016	12:30:00	0	134.18	18	4595.3
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11/19/2016	13:15:00	0	134.247	18	4529.2
11/19/2016	13:30:00	0	134.23	18	4462
11/19/2016	13:45:00	0	134.23	18	4586.2
11/19/2016	14:00:00	0	134.272	18	4449.4
11/19/2016	14:15:00	0	134.256	18	4451.7
11/19/2016	14:30:00	0	134.273	18	4469.9
11/19/2016	14:45:00	0	134.251	18	4435.7
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11/22/2016	10:45:00	0	134.538	18.1	4498.5
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11/22/2016	18:15:00	0	134.51	18.1	4803.5
11/22/2016	18:30:00	0	134.573	18.1	4738.6
11/22/2016	18:45:00	0	134.553	18.1	4666.9
11/22/2016	19:00:00	0	134.556	18.1	4718.1
11/22/2016	19:15:00	0	134.515	18.1	4687.4
11/22/2016	19:30:00	0	134.53	18.1	4671.5
11/22/2016	19:45:00	0	134.528	18.1	4775
11/22/2016	20:00:00	0	134.523	18.1	4610
11/22/2016	20:15:00	0	134.55	18.1	4688.6
11/22/2016	20:30:00	0	134.514	18.1	4715.9
11/22/2016	20:45:00	0	134.518	18.1	4638.5
11/22/2016	21:00:00	0	134.482	18.1	4678.3
11/22/2016	21:15:00	0	134.52	18.1	4701.1
11/22/2016	21:30:00	0	134.538	18.1	4678.3
11/22/2016	21:45:00	0	134.518	18.1	4695.4
11/22/2016	22:00:00	0	134.52	18.1	4710.2
11/22/2016	22:15:00	0	134.519	18.1	4681.7
11/22/2016	22:30:00	0	134.538	18.1	4775
11/22/2016	22:45:00	0	134.521	18.1	4791
11/22/2016	23:00:00	0	134.5	18.1	4755.7
11/22/2016	23:15:00	0	134.514	18.1	4835.4
11/22/2016	23:30:00	0	134.495	18.1	4838.8
11/22/2016	23:45:00	0	134.517	18.1	4854.7
11/23/2016	0:00:00	0	134.481	18.1	4926.4
11/23/2016	0:15:00	0	134.521	18.1	4836.5
11/23/2016	0:30:00	0	134.478	18.1	4977.6
11/23/2016	0:45:00	0	134.467	18.1	4979.9
11/23/2016	1:00:00	0	134.487	18.1	4966.2
11/23/2016	1:15:00	0	134.471	18.1	4925.3
11/23/2016	1:30:00	0	134.464	18.1	5034.5
11/23/2016	1:45:00	0	134.462	18.1	5010.6
11/23/2016	2:00:00	0	134.434	18.1	5066.4
11/23/2016	2:15:00	0	134.448	18.1	5003.8
11/23/2016	2:30:00	0	134.468	18.1	5042.5
11/23/2016	2:45:00	0	134.482	18.1	5066.4
11/23/2016	3:00:00	0	134.461	18.1	5086.9
11/23/2016	3:15:00	0	134.459	18.1	5180.2
11/23/2016	3:30:00	0	134.464	18.1	5037.9
11/23/2016	3:45:00	0	134.472	18.1	5070.9
11/23/2016	4:00:00	0	134.442	18.1	5026.5
11/23/2016	4:15:00	0	134.454	18.1	5036.8
11/23/2016	4:30:00	0	134.443	18.1	5064.1

11/23/2016	4:45:00	0	134.496	18.1	5040.2
11/23/2016	5:00:00	0	134.47	18.1	5044.8
11/23/2016	5:15:00	0	134.486	18.1	5022
11/23/2016	5:30:00	0	134.48	18.1	5023.1
11/23/2016	5:45:00	0	134.477	18.1	4971.9
11/23/2016	6:00:00	0	134.495	18.1	4860.4
11/23/2016	6:15:00	0	134.494	18.1	4913.9
11/23/2016	6:30:00	0	134.53	18.1	4819.4
11/23/2016	6:45:00	0	134.504	18.1	4866.1
11/23/2016	7:00:00	0	134.498	18.1	4836.5
11/23/2016	7:15:00	0	134.526	18.1	4763.7
11/23/2016	7:30:00	0	134.501	18.1	4761.4
11/23/2016	7:45:00	0	134.516	18.1	4718.1
11/23/2016	8:00:00	0	134.502	18.1	4772.8
11/23/2016	8:15:00	0	134.532	18.1	4664.7
11/23/2016	8:30:00	0	134.526	18.1	4734.1
11/23/2016	8:45:00	0	134.518	18.1	4611.2
11/23/2016	9:00:00	0	134.529	18.1	4621.4
11/23/2016	9:15:00	0	134.513	18.1	4572.5
11/23/2016	9:30:00	0	134.529	18.1	4621.4
11/23/2016	9:45:00	0	134.549	18.1	4547.4
11/23/2016	10:00:00	0	134.496	18.1	4611.2
11/23/2016	10:15:00	0	134.492	18.1	4583.9
11/23/2016	10:30:00	0	134.514	18.1	4549.7
11/23/2016	10:45:00	0	134.512	18.1	4621.4
11/23/2016	11:00:00	0	134.498	18.1	4534.9
11/23/2016	11:15:00	0	134.526	18.1	4549.7
11/23/2016	11:30:00	0	134.528	18.1	4604.3
11/23/2016	11:45:00	0	134.515	18.1	4597.5
11/23/2016	12:00:00	0	134.486	18.1	4604.3
11/23/2016	12:15:00	0	134.512	18.1	4682.9
11/23/2016	12:30:00	0	134.519	18	4630.7
11/23/2016	12:45:00	0	134.523	18.1	4678.3
11/23/2016	13:00:00	0	134.51	18.1	4701.1
11/23/2016	13:15:00	0	134.557	18.1	4655.6
11/23/2016	13:30:00	0	134.52	18.1	4739.8
11/23/2016	13:45:00	0	134.524	18.1	4726.1
11/23/2016	14:00:00	0	134.483	18.1	4835.4
11/23/2016	14:15:00	0	134.498	18.1	4819.4
11/23/2016	14:30:00	0	134.463	18.1	4851.3
11/23/2016	14:45:00	0	134.487	18.1	4857
11/23/2016	15:00:00	0	134.468	18.1	4941.2
11/23/2016	15:15:00	0	134.489	18.1	4886.6
11/23/2016	15:30:00	0	134.485	18.1	4896.8
11/23/2016	15:45:00	0	134.509	18.1	4886.6
11/23/2016	16:00:00	0	134.49	18.1	4945.7
11/23/2016	16:15:00	0	134.49	18.1	4978.8

11/23/2016	16:30:00	0	134.496	18.1	4993.5
11/23/2016	16:45:00	0	134.493	18.1	4973.1
11/23/2016	17:00:00	0	134.486	18.1	4975.3
11/23/2016	17:15:00	0	134.459	18.1	4974.2
11/23/2016	17:30:00	0	134.494	18.1	4956
11/23/2016	17:45:00	0	134.512	18.1	4934.4
11/23/2016	18:00:00	0	134.49	18.1	4967.4
11/23/2016	18:15:00	0	134.448	18.1	4945.7
11/23/2016	18:30:00	0	134.483	18.1	5031.1
11/23/2016	18:45:00	0	134.479	18.1	4962.8
11/23/2016	19:00:00	0	134.473	18.1	4871.8
11/23/2016	19:15:00	0	134.454	18.1	4879.7
11/23/2016	19:30:00	0	134.469	18.1	4899.1
11/23/2016	19:45:00	0	134.468	18.1	4940.1
11/23/2016	20:00:00	0	134.466	18.1	4871.8
11/23/2016	20:15:00	0	134.468	18.1	4847.9
11/23/2016	20:30:00	0	134.464	18.1	4841.1
11/23/2016	20:45:00	0	134.481	18.1	4844.5
11/23/2016	21:00:00	0	134.478	18.1	4826.3
11/23/2016	21:15:00	0	134.501	18.1	4833.1
11/23/2016	21:30:00	0	134.494	18.1	4833.1
11/23/2016	21:45:00	0	134.431	18.1	4797.8
11/23/2016	22:00:00	0	134.492	18.1	4794.4
11/23/2016	22:15:00	0	134.452	18.1	4794.4
11/23/2016	22:30:00	0	134.468	18.1	4849
11/23/2016	22:45:00	0	134.472	18.1	4811.5
11/23/2016	23:00:00	0	134.446	18.1	4750
11/23/2016	23:15:00	0	134.483	18.1	4853.6
11/23/2016	23:30:00	0	134.483	18.1	4800.1
11/23/2016	23:45:00	0	134.441	18.1	4890

Report Date: 11/28/2016 8:34:00 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_2016-11-24_11-31-13-623-BaroMerge.wsl
Create Date: 11/28/2016 8:32:03 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: 0 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: 1/31/2016 12:00:00 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
3/9/2016 11:53:38 AM Log Download - Used Battery: 5% Used Memory: 12% User Name: Skuiiper Interval - Start Time: 3/1/2016 12:00:01 AM Stop Time: 3/9/2016 12:45:00 PM
3/10/2016 7:44:16 PM 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 5:47:33 PM Log Download - Used Battery: 12% Used Memory: 26% 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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
9/8/2016 5:49:23 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM
11/28/2016 8:32:03 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl""

Log Data:

Record Count: 822

Sensors:

1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

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)	
SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086		SN#: 427086	
Date and Time		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected	
Resistivity (ohm-cm)		Pressure (PSI)		Temperature (C)		Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Total Dissolved Solids (ppt)		Salinity (PSU)	
		Water Density (g/cm3)		Barometric Pressure (PSI)											
11/17/2016 12:00:00 AM	93600.000			12.161	17.651	27.720	1834.749	2134.328	1.451	1.102					
545.034	1.000			14.771											
11/17/2016 12:15:00 AM	94500.000			12.156	17.651	27.708	1836.887	2136.844	1.453	1.103					
544.399	1.000			14.775											
11/17/2016 12:30:00 AM	95400.000			12.158	17.651	27.711	1839.316	2139.661	1.455	1.105					
543.680	1.000			14.775											
11/17/2016 12:45:00 AM	96300.000			12.160	17.649	27.716	1834.492	2134.132	1.451	1.102					
545.110	1.000			14.774											
11/17/2016 1:00:00 AM	97200.000			12.163	17.650	27.723	1832.825	2132.143	1.450	1.101					
545.606	1.000			14.770											
11/17/2016 1:15:00 AM	98100.000			12.162	17.650	27.721	1833.200	2132.571	1.450	1.101					
545.494	1.000			14.772											
11/17/2016 1:30:00 AM	99000.000			12.164	17.651	27.725	1832.368	2131.574	1.449	1.100					
545.742	1.000			14.769											
11/17/2016 1:45:00 AM	99900.000			12.164	17.649	27.726	1832.486	2131.782	1.450	1.100					
545.707	1.000			14.770											
11/17/2016 2:00:00 AM	100800.000			12.160	17.648	27.715	1833.054	2132.497	1.450	1.101					
545.538	1.000			14.774											
11/17/2016 2:15:00 AM	101700.000			12.154	17.651	27.703	1832.592	2131.827	1.450	1.100					
545.675	1.000			14.779											
11/17/2016 2:30:00 AM	102600.000			12.160	17.650	27.716	1833.252	2132.627	1.450	1.101					
545.479	1.000			14.774											
11/17/2016 2:45:00 AM	103500.000			12.168	17.651	27.734	1832.377	2131.581	1.449	1.100					
545.739	1.000			14.766											
11/17/2016 3:00:00 AM	104400.000			12.164	17.650	27.726	1829.401	2128.152	1.447	1.098					
546.627	1.000			14.770											
11/17/2016 3:15:00 AM	105300.000			12.159	17.650	27.715	1829.497	2128.288	1.447	1.099					
546.598	1.000			14.775											
11/17/2016 3:30:00 AM	106200.000			12.157	17.650	27.711	1829.713	2128.506	1.447	1.099					
546.534	1.000			14.776											
11/17/2016 3:45:00 AM	107100.000			12.164	17.650	27.725	1829.740	2128.559	1.447	1.099					
546.526	1.000			14.771											
11/17/2016 4:00:00 AM	108000.000			12.169	17.650	27.737	1832.236	2131.482	1.449	1.100					
545.781	1.000			14.767											
11/17/2016 4:15:00 AM	108900.000			12.161	17.650	27.719	1830.771	2129.738	1.448	1.099					
546.218	1.000			14.773											
11/17/2016 4:30:00 AM	109800.000			12.158	17.650	27.711	1833.392	2132.807	1.450	1.101					
545.437	1.000			14.777											
11/17/2016 4:45:00 AM	110700.000			12.153	17.651	27.701	1834.559	2134.102	1.451	1.102					
545.090	1.000			14.781											
11/17/2016 5:00:00 AM	111600.000			12.157	17.649	27.709	1835.297	2135.064	1.452	1.102					
544.871	1.000			14.780											
11/17/2016 5:15:00 AM	112500.000			12.158	17.650	27.713	1836.269	2136.158	1.453	1.103					
544.583	1.000			14.777											
11/17/2016 5:30:00 AM	113400.000			12.157	17.650	27.710	1835.885	2135.719	1.452	1.103					
544.697	1.000			14.780											
11/17/2016 5:45:00 AM	114300.000			12.157	17.650	27.710	1831.493	2130.610	1.449	1.100					
546.003	1.000			14.781											
11/17/2016 6:00:00 AM	115200.000			12.163	17.649	27.724	1830.440	2129.426	1.448	1.099					
546.317	1.000			14.775											
11/17/2016 6:15:00 AM	116100.000			12.157	17.650	27.710	1833.145	2132.507	1.450	1.101					
545.511	1.000			14.780											
11/17/2016 6:30:00 AM	117000.000			12.158	17.650	27.712	1836.684	2136.637	1.453	1.103					
544.459	1.000			14.781											
11/17/2016 6:45:00 AM	117900.000			12.153	17.651	27.700	1834.167	2133.650	1.451	1.101					
545.207	1.000			14.786											
11/17/2016 7:00:00 AM	118800.000			12.158	17.650	27.712	1834.487	2134.076	1.451	1.102					
545.112	1.000			14.782											
11/17/2016 7:15:00 AM	119700.000			12.152	17.651	27.697	1832.916	2132.216	1.450	1.101					
545.579	1.000			14.790											
11/17/2016 7:30:00 AM	120600.000			12.150	17.651	27.693	1836.551	2136.427	1.453	1.103					
544.499	1.000			14.792											
11/17/2016 7:45:00 AM	121500.000			12.154	17.650	27.703	1835.052	2134.725	1.452	1.102					
544.944	1.000			14.789											
11/17/2016 8:00:00 AM	122400.000			12.149	17.650	27.691	1835.015	2134.687	1.452	1.102					
544.955	1.000			14.795											
11/17/2016 8:15:00 AM	123300.000			12.140	17.650	27.671	1832.345	2131.565	1.449	1.100					
545.749	1.000			14.805											
11/17/2016 8:30:00 AM	124200.000			12.146	17.651	27.686	1830.954	2129.942	1.448	1.099					
546.163	1.000			14.801											
11/17/2016 8:45:00 AM	125100.000			12.159	17.650	27.714	1830.099	2128.981	1.448	1.099					
546.418	1.000			14.790											
11/17/2016 9:00:00 AM	126000.000			12.157	17.651	27.709	1830.737	2129.652	1.448	1.099					
546.228	1.000			14.794											
11/17/2016 9:15:00 AM	126900.000			12.149	17.650	27.692	1831.143	2130.186	1.449	1.100					
546.107	1.000			14.803											
11/17/2016 9:30:00 AM	127800.000			12.159	17.650	27.714	1832.256	2131.465	1.449	1.100					
545.775	1.000			14.793											
11/17/2016 9:45:00 AM	128700.000			12.165	17.650	27.728	1833.109	2132.458	1.450	1.101					
545.521	1.000			14.791											
11/17/2016 10:00:00 AM	129600.000			12.161	17.650	27.719	1833.779	2133.236	1.451	1.101					
545.322	1.000			14.789											
11/17/2016 10:15:00 AM	130500.000			12.164	17.651	27.724	1834.592	2134.149	1.451	1.102					
545.080	1.000			14.788											
11/17/2016 10:30:00 AM	131400.000			12.166	17.651	27.729	1833.545	2132.927	1.450	1.101					
545.391	1.000			14.786											
11/17/2016 10:45:00 AM	132300.000			12.158	17.651	27.713	1833.821	2133.249	1.451	1.101					
545.309	1.000														

11/17/2016 3:15:00 PM	148500.000	12.179	17.652	27.759	1834.077	2133.521	1.451	1.101
545.234	1.000	14.749						
11/17/2016 3:30:00 PM	149400.000	12.178	17.650	27.757	1832.722	2132.051	1.450	1.101
545.637	1.000	14.751						
11/17/2016 3:45:00 PM	150300.000	12.185	17.652	27.727	1831.306	2130.264	1.449	1.100
546.059	1.000	14.761						
11/17/2016 4:00:00 PM	151200.000	12.171	17.652	27.741	1832.080	2131.193	1.449	1.100
545.828	1.000	14.756						
11/17/2016 4:15:00 PM	152100.000	12.175	17.650	27.752	1832.092	2131.291	1.449	1.100
545.824	1.000	14.750						
11/17/2016 4:30:00 PM	153000.000	12.175	17.652	27.751	1833.320	2132.619	1.450	1.101
545.459	1.000	14.748						
11/17/2016 4:45:00 PM	153900.000	12.177	17.651	27.756	1835.316	2134.996	1.452	1.102
544.865	1.000	14.747						
11/17/2016 5:00:00 PM	154800.000	12.173	17.651	27.745	1836.707	2136.597	1.453	1.103
544.453	1.000	14.751						
11/17/2016 5:15:00 PM	155700.000	12.186	17.650	27.730	1836.715	2136.657	1.453	1.103
544.450	1.000	14.755						
11/17/2016 5:30:00 PM	156600.000	12.168	17.652	27.734	1835.828	2135.525	1.452	1.102
544.713	1.000	14.754						
11/17/2016 5:45:00 PM	157500.000	12.167	17.652	27.731	1836.045	2135.798	1.452	1.103
544.649	1.000	14.754						
11/17/2016 6:00:00 PM	158400.000	12.173	17.651	27.746	1830.560	2129.450	1.448	1.099
546.281	1.000	14.749						
11/17/2016 6:15:00 PM	159300.000	12.180	17.652	27.717	1835.316	2134.950	1.452	1.102
544.865	1.000	14.757						
11/17/2016 6:30:00 PM	160200.000	12.166	17.650	27.730	1834.214	2133.776	1.451	1.102
545.193	1.000	14.756						
11/17/2016 6:45:00 PM	161100.000	12.182	17.650	27.721	1834.439	2134.004	1.451	1.102
545.126	1.000	14.760						
11/17/2016 7:00:00 PM	162000.000	12.166	17.650	27.729	1831.358	2130.420	1.449	1.100
546.043	1.000	14.758						
11/17/2016 7:15:00 PM	162900.000	12.171	17.651	27.741	1831.565	2130.624	1.449	1.100
545.981	1.000	14.756						
11/17/2016 7:30:00 PM	163800.000	12.168	17.651	27.735	1833.424	2132.794	1.450	1.101
545.428	1.000	14.754						
11/17/2016 7:45:00 PM	164700.000	12.160	17.652	27.715	1831.887	2130.970	1.449	1.100
545.885	1.000	14.763						
11/17/2016 8:00:00 PM	165600.000	12.162	17.652	27.722	1833.765	2133.137	1.451	1.101
545.328	1.000	14.760						
11/17/2016 8:15:00 PM	166500.000	12.174	17.652	27.749	1834.342	2133.833	1.451	1.102
545.155	1.000	14.746						
11/17/2016 8:30:00 PM	167400.000	12.165	17.651	27.727	1838.741	2138.984	1.455	1.104
543.850	1.000	14.758						
11/17/2016 8:45:00 PM	168300.000	12.168	17.652	27.734	1837.301	2137.272	1.453	1.103
544.277	1.000	14.755						
11/17/2016 9:00:00 PM	169200.000	12.164	17.650	27.727	1842.245	2143.085	1.457	1.107
542.818	1.000	14.758						
11/17/2016 9:15:00 PM	170100.000	12.166	17.650	27.730	1839.304	2139.681	1.455	1.105
543.684	1.000	14.757						
11/17/2016 9:30:00 PM	171000.000	12.169	17.651	27.736	1837.552	2137.597	1.454	1.104
544.202	1.000	14.753						
11/17/2016 9:45:00 PM	171900.000	12.170	17.651	27.739	1836.651	2136.557	1.453	1.103
544.469	1.000	14.752						
11/17/2016 10:00:00 PM	172800.000	12.168	17.651	27.735	1837.575	2137.611	1.454	1.104
544.195	1.000	14.754						
11/17/2016 10:15:00 PM	173700.000	12.161	17.651	27.719	1835.634	2135.358	1.452	1.102
544.771	1.000	14.760						
11/17/2016 10:30:00 PM	174600.000	12.165	17.653	27.728	1834.729	2134.222	1.451	1.102
545.040	1.000	14.757						
11/17/2016 10:45:00 PM	175500.000	12.169	17.651	27.738	1834.625	2134.180	1.451	1.102
545.070	1.000	14.754						
11/17/2016 11:00:00 PM	176400.000	12.168	17.650	27.735	1834.937	2134.609	1.452	1.102
544.978	1.000	14.754						
11/17/2016 11:15:00 PM	177300.000	12.166	17.651	27.731	1832.917	2132.205	1.450	1.101
545.578	1.000	14.754						
11/17/2016 11:30:00 PM	178200.000	12.165	17.651	27.729	1834.723	2134.318	1.451	1.102
545.041	1.000	14.756						
11/17/2016 11:45:00 PM	179100.000	12.169	17.651	27.737	1836.882	2136.818	1.453	1.103
544.401	1.000	14.753						
11/18/2016 12:00:00 AM	180000.000	12.165	17.652	27.727	1840.189	2140.614	1.456	1.105
543.423	1.000	14.756						
11/18/2016 12:15:00 AM	180900.000	12.168	17.651	27.734	1835.704	2135.468	1.452	1.102
544.750	1.000	14.754						
11/18/2016 12:30:00 AM	181800.000	12.171	17.649	27.741	1836.450	2136.390	1.453	1.103
544.529	1.000	14.750						
11/18/2016 12:45:00 AM	182700.000	12.169	17.651	27.738	1833.054	2132.385	1.450	1.101
545.538	1.000	14.750						
11/18/2016 1:00:00 AM	183600.000	12.174	17.651	27.749	1832.864	2132.126	1.450	1.101
545.594	1.000	14.746						
11/18/2016 1:15:00 AM	184500.000	12.174	17.651	27.749	1834.271	2133.779	1.451	1.102
545.176	1.000	14.745						
11/18/2016 1:30:00 AM	185400.000	12.176	17.651	27.753	1832.298	2131.497	1.449	1.100
545.763	1.000	14.742						
11/18/2016 1:45:00 AM	186300.000	12.171	17.652	27.741	1832.128	2131.254	1.449	1.100
545.814	1.000	14.747						
11/18/2016 2:00:00 AM	187200.000	12.170	17.652	27.740	1832.489	2131.670	1.450	1.100
545.706	1.000	14.746						
11/18/2016 2:15:00 AM	188100.000	12.170	17.652	27.739	1833.060	2132.317	1.450	1.101
545.536	1.000	14.747						
11/18/2016 2:30:00 AM	189000.000	12.170	17.650	27.739	1834.983	2134.654	1.452	1.102
544.964	1.000	14.746						
11/18/2016 2:45:00 AM	189900.000	12.174	17.650	27.748	1831.237	2130.316	1.449	1.100
546.079	1.000	14.740						
11/18/2016 3:00:00 AM	190800.000	12.175	17.652	27.750	1832.838	2132.088	1.450	1.101
545.602	1.000	14.742						
11/18/2016 3:15:00 AM	191700.000	12.167	17.650	27.733	1834.848	2134.497	1.451	1.102
545.004	1.000	14.747						
11/18/2016 3:30:00 AM	192600.000	12.165	17.652	27.727	1836.979	2136.865	1.453	1.103
544.372	1.000	14.750						
11/18/2016 3:45:00 AM	193500.000	12.174	17.651	27.749	1834.804	2134.417	1.451	1.102
545.017	1.000	14.740						
11/18/2016 4:00:00 AM	194400.000	12.171	17.650	27.742	1832.664	2131.944	1.450	1.101
545.654	1.000	14.743						
11/18/2016 4:15:00 AM	195300.000	12.164	17.652	27.727	1831.489	2130.503	1.449	1.100
546.004	1.000	14.750						
11/18/2016 4:30:00 AM	196200.000	12.164	17.651	27.726	1833.257	2132.592	1.450	1.101
545.477	1.000	14.749						
11/18/2016 4:45:00 AM	197100.000	12.167	17.650	27.732	1831.690	2130.835	1.449	1.100
545.944	1.000	14.747						
11/18/2016 5:00:00 AM	198000.000	12.172	17.651	27.744	1835.512	2135.206	1.452	1.102
544.807	1.000	14.740						
11/18/2016 5:15:00 AM	198900.000	12.168	17.651	27.734	1835.125	2134.773	1.452	1.102
544.922	1.000	14.743						
11/18/2016 5:30:00 AM	199800.000	12.171	17.650	27.742	1833.917	2133.422	1.451	1.101
545.281	1.000	14.742						
11/18/2016 5:45:00 AM	200700.000	12.173	17.652	27.746	1837.128	2137.045	1.453	1.103
544.328	1.000	14.740						
11/18/2016 6:00:00 AM	201600.000	12.173	17.651	27.747	1834.551	2134.102	1.451	1.102
545.092	1.000	14.739						
11/18/2016 6:15:00 AM	202500.000	12.172	17.650	27.744	1833.901	2133.394	1.451	1.101
545.286	1.000	14.739						
11/18/2016 6:30:00 AM	203400.000	12.171	17.653	27.742	1833.144	2132.398	1.450	1.101
545.511	1.000	14.741						
11/18/2016 6:45:00 AM	204300.000	12.171	17.652	27.741	1832.785	2131.997	1.450	1.101
545.818	1.000	14.740						
11/18/2016 7:00:00 AM	205200.000	12.166	17.651	27.729	1831.872	2130.993	1.449	1.100
545.890	1.000	14.745						
11/18/2016 7:15:00 AM	206100.000	12.162	17.651	27.720	1833.512	2132.901	1.450	1.101
545.401	1.000	14.748						
11/18/2016 7:30:00 AM	207000.000	12.160	17.651	27.717	1833.130	2132.432	1.450	1.101
545.515	1.000	14.749						
11/18/2016 7:45:00 AM	207900.000	12.163	17.653	27.723	1835.368	2134.965	1.452	1.102

544.850	1.000	14.748					
11/18/2016 8:00:00 AM	208800.000	12.160	17.650	27.717	1838.988	2139.301	1.455
543.777	1.000	14.752					1.105
11/18/2016 8:15:00 AM	209700.000	12.156	17.652	27.708	1832.917	2132.179	1.450
545.579	1.000	14.757					1.101
11/18/2016 8:30:00 AM	210600.000	12.153	17.651	27.700	1832.131	2131.298	1.449
545.813	1.000	14.757					1.100
11/18/2016 8:45:00 AM	211500.000	12.156	17.650	27.708	1834.022	2133.552	1.451
545.250	1.000	14.758					1.101
11/18/2016 9:00:00 AM	212400.000	12.159	17.650	27.715	1832.410	2131.644	1.450
545.729	1.000	14.756					1.100
11/18/2016 9:15:00 AM	213300.000	12.153	17.652	27.701	1831.450	2130.461	1.449
546.015	1.000	14.763					1.100
11/18/2016 9:30:00 AM	214200.000	12.162	17.652	27.721	1831.991	2131.082	1.449
545.854	1.000	14.757					1.100
11/18/2016 9:45:00 AM	215100.000	12.161	17.652	27.719	1833.342	2132.662	1.450
545.452	1.000	14.759					1.101
11/18/2016 10:00:00 AM	216000.000	12.169	17.652	27.737	1833.467	2132.794	1.450
545.415	1.000	14.752					1.101
11/18/2016 10:15:00 AM	216900.000	12.162	17.652	27.722	1833.535	2132.891	1.450
545.394	1.000	14.759					1.101
11/18/2016 10:30:00 AM	217800.000	12.171	17.651	27.741	1837.074	2137.019	1.453
544.344	1.000	14.750					1.103
11/18/2016 10:45:00 AM	218700.000	12.164	17.652	27.726	1836.706	2136.579	1.453
544.453	1.000	14.755					1.103
11/18/2016 11:00:00 AM	219600.000	12.171	17.651	27.741	1837.682	2137.756	1.454
544.164	1.000	14.750					1.104
11/18/2016 11:15:00 AM	220500.000	12.168	17.652	27.731	1836.341	2136.159	1.453
544.561	1.000	14.752					1.103
11/18/2016 11:30:00 AM	221400.000	12.179	17.651	27.759	1834.676	2134.243	1.451
545.065	1.000	14.741					1.102
11/18/2016 11:45:00 AM	222300.000	12.172	17.652	27.743	1833.782	2133.170	1.451
545.321	1.000	14.746					1.101
11/18/2016 12:00:00 PM	223200.000	12.176	17.653	27.752	1835.487	2135.115	1.452
544.814	1.000	14.740					1.102
11/18/2016 12:15:00 PM	224100.000	12.175	17.652	27.751	1836.204	2135.970	1.452
544.602	1.000	14.740					1.103
11/18/2016 12:30:00 PM	225000.000	12.183	17.651	27.768	1834.975	2134.578	1.452
544.967	1.000	14.732					1.102
11/18/2016 12:45:00 PM	225900.000	12.185	17.651	27.772	1835.031	2134.647	1.452
544.950	1.000	14.728					1.102
11/18/2016 1:00:00 PM	226800.000	12.190	17.651	27.786	1835.796	2135.537	1.452
544.723	1.000	14.720					1.102
11/18/2016 1:15:00 PM	227700.000	12.192	17.651	27.789	1836.410	2136.263	1.453
544.541	1.000	14.716					1.103
11/18/2016 1:30:00 PM	228600.000	12.190	17.652	27.784	1837.710	2137.747	1.454
544.156	1.000	14.715					1.104
11/18/2016 1:45:00 PM	229500.000	12.187	17.651	27.777	1838.809	2139.072	1.455
543.830	1.000	14.715					1.104
11/18/2016 2:00:00 PM	230400.000	12.187	17.651	27.777	1837.519	2137.546	1.454
544.212	1.000	14.715					1.104
11/18/2016 2:15:00 PM	231300.000	12.190	17.650	27.785	1840.366	2140.907	1.456
543.370	1.000	14.708					1.105
11/18/2016 2:30:00 PM	232200.000	12.194	17.651	27.794	1840.314	2140.814	1.456
543.385	1.000	14.702					1.105
11/18/2016 2:45:00 PM	233100.000	12.193	17.652	27.791	1836.580	2136.420	1.456
544.490	1.000	14.699					1.103
11/18/2016 3:00:00 PM	234000.000	12.192	17.650	27.789	1836.512	2136.445	1.453
544.510	1.000	14.700					1.103
11/18/2016 3:15:00 PM	234900.000	12.182	17.652	27.767	1833.345	2132.648	1.450
545.451	1.000	14.701					1.101
11/18/2016 3:30:00 PM	235800.000	12.187	17.651	27.779	1832.584	2131.830	1.450
545.678	1.000	14.698					1.100
11/18/2016 3:45:00 PM	236700.000	12.185	17.651	27.772	1836.291	2136.122	1.453
544.576	1.000	14.701					1.103
11/18/2016 4:00:00 PM	237600.000	12.185	17.650	27.773	1834.918	2134.566	1.452
544.983	1.000	14.698					1.102
11/18/2016 4:15:00 PM	238500.000	12.175	17.650	27.751	1834.921	2134.561	1.452
544.982	1.000	14.708					1.102
11/18/2016 4:30:00 PM	239400.000	12.171	17.651	27.742	1834.340	2133.872	1.451
545.155	1.000	14.710					1.102
11/18/2016 4:45:00 PM	240300.000	12.171	17.652	27.741	1840.527	2140.994	1.456
543.323	1.000	14.712					1.105
11/18/2016 5:00:00 PM	241200.000	12.174	17.650	27.748	1837.081	2137.094	1.453
544.342	1.000	14.707					1.103
11/18/2016 5:15:00 PM	242100.000	12.175	17.651	27.752	1831.862	2130.994	1.449
545.893	1.000	14.708					1.100
11/18/2016 5:30:00 PM	243000.000	12.168	17.651	27.736	1831.261	2130.266	1.449
546.072	1.000	14.714					1.100
11/18/2016 5:45:00 PM	243900.000	12.170	17.651	27.739	1829.522	2128.248	1.447
546.591	1.000	14.711					1.099
11/18/2016 6:00:00 PM	244800.000	12.170	17.651	27.740	1830.521	2129.435	1.448
546.292	1.000	14.712					1.099
11/18/2016 6:15:00 PM	245700.000	12.164	17.651	27.727	1832.055	2131.198	1.449
545.835	1.000	14.718					1.100
11/18/2016 6:30:00 PM	246600.000	12.162	17.650	27.721	1832.211	2131.412	1.449
545.789	1.000	14.720					1.100
11/18/2016 6:45:00 PM	247500.000	12.170	17.650	27.739	1833.307	2132.704	1.450
545.462	1.000	14.714					1.101
11/18/2016 7:00:00 PM	248400.000	12.165	17.650	27.728	1834.139	2133.660	1.451
545.215	1.000	14.719					1.101
11/18/2016 7:15:00 PM	249300.000	12.165	17.650	27.728	1833.590	2133.054	1.450
545.378	1.000	14.718					1.101
11/18/2016 7:30:00 PM	250200.000	12.169	17.650	27.736	1833.234	2132.615	1.450
545.484	1.000	14.716					1.101
11/18/2016 7:45:00 PM	251100.000	12.165	17.652	27.729	1833.166	2132.457	1.450
545.504	1.000	14.719					1.101
11/18/2016 8:00:00 PM	252000.000	12.164	17.653	27.726	1831.526	2130.504	1.449
545.993	1.000	14.720					1.100
11/18/2016 8:15:00 PM	252900.000	12.167	17.652	27.733	1834.469	2133.965	1.451
545.117	1.000	14.718					1.102
11/18/2016 8:30:00 PM	253800.000	12.163	17.650	27.724	1834.621	2134.233	1.451
545.072	1.000	14.723					1.102
11/18/2016 8:45:00 PM	254700.000	12.168	17.651	27.735	1832.588	2131.809	1.450
545.677	1.000	14.719					1.100
11/18/2016 9:00:00 PM	255600.000	12.162	17.650	27.722	1835.561	2135.331	1.452
544.793	1.000	14.726					1.102
11/18/2016 9:15:00 PM	256500.000	12.161	17.651	27.719	1834.778	2134.378	1.451
545.025	1.000	14.726					1.102
11/18/2016 9:30:00 PM	257400.000	12.164	17.651	27.724	1831.468	2130.511	1.449
546.010	1.000	14.726					1.100
11/18/2016 9:45:00 PM	258300.000	12.162	17.649	27.721	1828.770	2127.458	1.447
546.816	1.000	14.727					1.098
11/18/2016 10:00:00 PM	259200.000	12.161	17.652	27.719	1827.971	2126.410	1.446
547.055	1.000	14.730					1.098
11/18/2016 10:15:00 PM	260100.000	12.159	17.651	27.713	1830.815	2129.772	1.448
546.205	1.000	14.733					1.099
11/18/2016 10:30:00 PM	261000.000	12.167	17.652	27.733	1832.292	2131.427	1.449
545.765	1.000	14.726					1.100
11/18/2016 10:45:00 PM	261900.000	12.161	17.652	27.719	1833.094	2132.344	1.450
545.526	1.000	14.731					1.101
11/18/2016 11:00:00 PM	262800.000	12.174	17.652	27.748	1837.209	2137.157	1.453
544.304	1.000	14.719					1.103
11/18/2016 11:15:00 PM	263700.000	12.169	17.650	27.737	1836.917	2136.913	1.453
544.390	1.000	14.725					1.103
11/18/2016 11:30:00 PM	264600.000	12.162	17.650	27.722	1833.652	2133.101	1.451
545.360	1.000	14.731					1.101
11/18/2016 11:45:00 PM	265500.000	12.173	17.651	27.747	1833.872	2133.328	1.451
545.294	1.000	14.722					1.101
11/19/2016 12:00:00 AM	266400.000	12.159	17.651	27.714	1835.200	2134.839	1.452
544.900	1.000	14.735					1.102
11/19/2016 12:15:00 AM	267300.000	12.167	17.652	27.732	1835.907	2135.625	1.452
544.690	1.000	14.728					1.103

11/19/2016 12:30:00 AM	268200.000	12.169	17.652	27.738	1838.610	2138.802	1.454	1.104
543.889	1.000	14.725						
11/19/2016 12:45:00 AM	269100.000	12.171	17.651	27.742	1834.958	2134.591	1.452	1.102
544.972	1.000	14.726						
11/19/2016 1:00:00 AM	270000.000	12.166	17.651	27.731	1834.380	2133.895	1.451	1.102
545.143	1.000	14.728						
11/19/2016 1:15:00 AM	270900.000	12.172	17.651	27.743	1836.177	2135.997	1.452	1.103
544.610	1.000	14.724						
11/19/2016 1:30:00 AM	271800.000	12.172	17.650	27.744	1836.033	2135.854	1.452	1.103
544.653	1.000	14.722						
11/19/2016 1:45:00 AM	272700.000	12.176	17.649	27.754	1833.349	2132.783	1.450	1.101
545.450	1.000	14.717						
11/19/2016 2:00:00 AM	273600.000	12.170	17.650	27.739	1832.382	2131.615	1.449	1.100
545.738	1.000	14.724						
11/19/2016 2:15:00 AM	274500.000	12.173	17.651	27.746	1830.203	2129.039	1.448	1.099
546.388	1.000	14.722						
11/19/2016 2:30:00 AM	275400.000	12.176	17.651	27.754	1832.894	2132.186	1.450	1.101
545.585	1.000	14.718						
11/19/2016 2:45:00 AM	276300.000	12.177	17.652	27.756	1830.379	2129.215	1.448	1.099
546.335	1.000	14.717						
11/19/2016 3:00:00 AM	277200.000	12.171	17.650	27.741	1835.293	2135.028	1.452	1.102
544.872	1.000	14.722						
11/19/2016 3:15:00 AM	278100.000	12.177	17.652	27.756	1835.851	2135.580	1.452	1.102
544.707	1.000	14.716						
11/19/2016 3:30:00 AM	279000.000	12.168	17.650	27.735	1834.015	2133.515	1.451	1.101
545.252	1.000	14.724						
11/19/2016 3:45:00 AM	279900.000	12.178	17.652	27.758	1835.382	2135.022	1.452	1.102
544.846	1.000	14.716						
11/19/2016 4:00:00 AM	280800.000	12.178	17.650	27.757	1836.823	2136.773	1.453	1.103
544.418	1.000	14.714						
11/19/2016 4:15:00 AM	281700.000	12.182	17.650	27.767	1835.386	2135.106	1.452	1.102
544.844	1.000	14.709						
11/19/2016 4:30:00 AM	282600.000	12.179	17.650	27.759	1835.368	2135.085	1.452	1.102
544.850	1.000	14.713						
11/19/2016 4:45:00 AM	283500.000	12.176	17.652	27.754	1835.775	2135.500	1.452	1.102
544.729	1.000	14.714						
11/19/2016 5:00:00 AM	284400.000	12.183	17.650	27.768	1835.719	2135.515	1.452	1.102
544.746	1.000	14.709						
11/19/2016 5:15:00 AM	285300.000	12.173	17.651	27.745	1836.534	2136.400	1.453	1.103
544.504	1.000	14.716						
11/19/2016 5:30:00 AM	286200.000	12.176	17.652	27.753	1836.245	2136.035	1.453	1.103
544.590	1.000	14.711						
11/19/2016 5:45:00 AM	287100.000	12.180	17.651	27.761	1834.384	2133.915	1.451	1.102
545.142	1.000	14.707						
11/19/2016 6:00:00 AM	288000.000	12.183	17.651	27.768	1835.647	2135.393	1.452	1.102
544.767	1.000	14.705						
11/19/2016 6:15:00 AM	288900.000	12.180	17.650	27.763	1836.437	2136.333	1.453	1.103
544.533	1.000	14.708						
11/19/2016 6:30:00 AM	289800.000	12.180	17.650	27.762	1835.703	2135.508	1.452	1.102
544.750	1.000	14.704						
11/19/2016 6:45:00 AM	290700.000	12.172	17.650	27.745	1832.526	2131.795	1.450	1.100
545.695	1.000	14.713						
11/19/2016 7:00:00 AM	291600.000	12.174	17.650	27.749	1831.541	2130.637	1.449	1.100
545.988	1.000	14.708						
11/19/2016 7:15:00 AM	292500.000	12.176	17.653	27.753	1832.693	2131.869	1.450	1.100
545.645	1.000	14.706						
11/19/2016 7:30:00 AM	293400.000	12.178	17.651	27.758	1836.730	2136.628	1.453	1.103
544.446	1.000	14.703						
11/19/2016 7:45:00 AM	294300.000	12.173	17.650	27.747	1838.482	2138.733	1.454	1.104
543.927	1.000	14.710						
11/19/2016 8:00:00 AM	295200.000	12.175	17.650	27.751	1835.916	2135.764	1.452	1.103
544.687	1.000	14.708						
11/19/2016 8:15:00 AM	296100.000	12.172	17.650	27.744	1829.314	2128.042	1.447	1.098
546.653	1.000	14.709						
11/19/2016 8:30:00 AM	297000.000	12.176	17.651	27.752	1828.307	2126.829	1.446	1.098
546.954	1.000	14.705						
11/19/2016 8:45:00 AM	297900.000	12.173	17.651	27.746	1826.967	2125.300	1.445	1.097
547.355	1.000	14.707						
11/19/2016 9:00:00 AM	298800.000	12.173	17.651	27.746	1831.759	2130.875	1.449	1.100
545.923	1.000	14.709						
11/19/2016 9:15:00 AM	299700.000	12.183	17.650	27.723	1829.901	2128.750	1.448	1.099
546.478	1.000	14.716						
11/19/2016 9:30:00 AM	300600.000	12.167	17.651	27.733	1833.976	2133.416	1.451	1.101
545.264	1.000	14.714						
11/19/2016 9:45:00 AM	301500.000	12.173	17.651	27.745	1832.793	2132.073	1.450	1.101
545.615	1.000	14.710						
11/19/2016 10:00:00 AM	302400.000	12.170	17.652	27.738	1831.153	2130.115	1.448	1.100
546.104	1.000	14.712						
11/19/2016 10:15:00 AM	303300.000	12.177	17.651	27.754	1835.753	2135.487	1.452	1.102
544.736	1.000	14.706						
11/19/2016 10:30:00 AM	304200.000	12.171	17.650	27.741	1834.647	2134.243	1.451	1.102
545.064	1.000	14.710						
11/19/2016 10:45:00 AM	305100.000	12.169	17.652	27.737	1833.204	2132.481	1.450	1.101
545.493	1.000	14.711						
11/19/2016 11:00:00 AM	306000.000	12.166	17.652	27.731	1831.624	2130.646	1.449	1.100
545.964	1.000	14.714						
11/19/2016 11:15:00 AM	306900.000	12.173	17.650	27.745	1838.391	2138.598	1.454	1.104
543.954	1.000	14.709						
11/19/2016 11:30:00 AM	307800.000	12.173	17.651	27.747	1837.504	2137.549	1.454	1.104
544.217	1.000	14.709						
11/19/2016 11:45:00 AM	308700.000	12.167	17.651	27.733	1833.477	2132.840	1.450	1.101
545.412	1.000	14.713						
11/19/2016 12:00:00 PM	309600.000	12.179	17.651	27.760	1833.805	2133.221	1.451	1.101
545.314	1.000	14.702						
11/19/2016 12:15:00 PM	310500.000	12.179	17.651	27.760	1836.253	2136.098	1.453	1.103
544.587	1.000	14.702						
11/19/2016 12:30:00 PM	311400.000	12.177	17.650	27.756	1835.615	2135.381	1.452	1.102
544.776	1.000	14.704						
11/19/2016 12:45:00 PM	312300.000	12.175	17.651	27.751	1835.026	2134.650	1.452	1.102
544.951	1.000	14.704						
11/19/2016 1:00:00 PM	313200.000	12.168	17.653	27.736	1837.649	2137.630	1.454	1.104
544.174	1.000	14.710						
11/19/2016 1:15:00 PM	314100.000	12.181	17.650	27.765	1836.760	2136.713	1.453	1.103
544.437	1.000	14.697						
11/19/2016 1:30:00 PM	315000.000	12.180	17.651	27.762	1837.390	2137.404	1.453	1.103
544.250	1.000	14.699						
11/19/2016 1:45:00 PM	315900.000	12.178	17.650	27.758	1832.123	2131.335	1.449	1.100
545.815	1.000	14.699						
11/19/2016 2:00:00 PM	316800.000	12.182	17.651	27.766	1830.195	2129.030	1.448	1.099
546.390	1.000	14.696						
11/19/2016 2:15:00 PM	317700.000	12.176	17.650	27.753	1829.414	2128.167	1.447	1.098
546.623	1.000	14.700						
11/19/2016 2:30:00 PM	318600.000	12.178	17.650	27.758	1830.314	2129.206	1.448	1.099
546.354	1.000	14.698						
11/19/2016 2:45:00 PM	319500.000	12.180	17.651	27.762	1830.017	2128.848	1.448	1.099
546.443	1.000	14.694						
11/19/2016 3:00:00 PM	320400.000	12.177	17.651	27.756	1830.476	2129.348	1.448	1.099
546.306	1.000	14.699						
11/19/2016 3:15:00 PM	321300.000	12.177	17.652	27.755	1834.215	2133.677	1.451	1.101
545.192	1.000	14.698						
11/19/2016 3:30:00 PM	322200.000	12.176	17.651	27.754	1839.579	2139.976	1.455	1.105
543.602	1.000	14.699						
11/19/2016 3:45:00 PM	323100.000	12.174	17.650	27.749	1835.712	2135.490	1.452	1.102
544.748	1.000	14.699						
11/19/2016 4:00:00 PM	324000.000	12.174	17.652	27.747	1834.028	2133.451	1.451	1.101
545.248	1.000	14.702						
11/19/2016 4:15:00 PM	324900.000	12.174	17.650	27.749	1833.884	2133.367	1.451	1.101
545.291	1.000	14.700						
11/19/2016 4:30:00 PM	325800.000	12.179	17.651	27.759	1831.335	2130.385	1.449	1.100
546.050	1.000	14.696						
11/19/2016 4:45:00 PM	326700.000	12.173	17.652	27.747	1833.022	2132.302	1.450	1.101
545.547	1.000	14.694						
11/19/2016 5:00:00 PM	327600.000	12.174	17.652	27.748	1832.877	2132.134	1.450	1.101

545.590	1.000	14.698					
11/19/2016 5:15:00 PM	328500.000	12.199	17.653	27.761	1830.933	2129.823	1.448
546.170	1.000	14.693					1.099
11/19/2016 5:30:00 PM	329400.000	12.176	17.651	27.754	1833.098	2132.395	1.450
545.525	1.000	14.696					1.101
11/19/2016 5:45:00 PM	330300.000	12.173	17.652	27.746	1832.959	2132.221	1.450
545.566	1.000	14.700					1.101
11/19/2016 6:00:00 PM	331200.000	12.174	17.651	27.749	1835.119	2134.766	1.452
544.924	1.000	14.699					1.102
11/19/2016 6:15:00 PM	332100.000	12.172	17.651	27.743	1836.462	2136.328	1.453
544.525	1.000	14.700					1.103
11/19/2016 6:30:00 PM	333000.000	12.176	17.651	27.753	1839.052	2139.329	1.455
543.758	1.000	14.697					1.105
11/19/2016 6:45:00 PM	333900.000	12.166	17.651	27.730	1837.241	2137.231	1.453
544.294	1.000	14.706					1.103
11/19/2016 7:00:00 PM	334800.000	12.168	17.650	27.734	1836.333	2136.241	1.453
544.563	1.000	14.705					1.103
11/19/2016 7:15:00 PM	335700.000	12.165	17.653	27.727	1833.933	2133.316	1.451
545.276	1.000	14.708					1.101
11/19/2016 7:30:00 PM	336600.000	12.168	17.649	27.735	1831.650	2130.805	1.449
545.956	1.000	14.708					1.100
11/19/2016 7:45:00 PM	337500.000	12.166	17.650	27.731	1831.879	2131.068	1.449
545.887	1.000	14.709					1.100
11/19/2016 8:00:00 PM	338400.000	12.166	17.652	27.730	1831.187	2130.146	1.448
546.094	1.000	14.711					1.100
11/19/2016 8:15:00 PM	339300.000	12.166	17.651	27.731	1831.692	2130.759	1.449
545.943	1.000	14.710					1.100
11/19/2016 8:30:00 PM	340200.000	12.172	17.651	27.745	1834.146	2133.643	1.451
545.213	1.000	14.704					1.101
11/19/2016 8:45:00 PM	341100.000	12.168	17.652	27.735	1838.982	2139.235	1.455
543.779	1.000	14.709					1.104
11/19/2016 9:00:00 PM	342000.000	12.171	17.650	27.741	1837.750	2137.852	1.454
544.144	1.000	14.708					1.104
11/19/2016 9:15:00 PM	342900.000	12.165	17.650	27.728	1835.145	2134.826	1.452
544.916	1.000	14.714					1.102
11/19/2016 9:30:00 PM	343800.000	12.167	17.652	27.732	1834.962	2134.530	1.451
544.970	1.000	14.713					1.102
11/19/2016 9:45:00 PM	344700.000	12.170	17.651	27.739	1832.484	2131.680	1.450
545.707	1.000	14.710					1.100
11/19/2016 10:00:00 PM	345600.000	12.169	17.650	27.736	1833.772	2133.270	1.451
545.324	1.000	14.711					1.101
11/19/2016 10:15:00 PM	346500.000	12.170	17.652	27.740	1830.996	2129.912	1.448
546.151	1.000	14.710					1.099
11/19/2016 10:30:00 PM	347400.000	12.167	17.653	27.732	1832.074	2131.134	1.449
545.829	1.000	14.714					1.100
11/19/2016 10:45:00 PM	348300.000	12.165	17.651	27.727	1836.188	2135.993	1.452
544.607	1.000	14.716					1.103
11/19/2016 11:00:00 PM	349200.000	12.171	17.651	27.741	1837.879	2137.965	1.452
544.105	1.000	14.711					1.104
11/19/2016 11:15:00 PM	350100.000	12.169	17.650	27.737	1834.805	2134.468	1.451
545.017	1.000	14.712					1.102
11/19/2016 11:30:00 PM	351000.000	12.176	17.652	27.752	1834.492	2134.008	1.451
545.110	1.000	14.706					1.102
11/19/2016 11:45:00 PM	351900.000	12.176	17.651	27.752	1831.707	2130.805	1.449
545.939	1.000	14.705					1.100
11/20/2016 12:00:00 AM	352800.000	12.171	17.652	27.741	1830.350	2129.164	1.448
546.344	1.000	14.708					1.099
11/20/2016 12:15:00 AM	353700.000	12.176	17.652	27.753	1837.672	2137.703	1.454
544.167	1.000	14.705					1.104
11/20/2016 12:30:00 AM	354600.000	12.170	17.650	27.740	1835.391	2135.111	1.452
544.843	1.000	14.709					1.102
11/20/2016 12:45:00 AM	355500.000	12.178	17.651	27.756	1835.068	2134.724	1.452
544.939	1.000	14.702					1.102
11/20/2016 1:00:00 AM	356400.000	12.180	17.651	27.763	1835.788	2135.545	1.452
544.725	1.000	14.701					1.102
11/20/2016 1:15:00 AM	357300.000	12.175	17.651	27.750	1835.353	2135.021	1.452
544.854	1.000	14.706					1.102
11/20/2016 1:30:00 AM	358200.000	12.175	17.651	27.750	1833.560	2132.936	1.450
545.387	1.000	14.705					1.101
11/20/2016 1:45:00 AM	359100.000	12.177	17.650	27.755	1832.052	2131.223	1.449
545.836	1.000	14.702					1.100
11/20/2016 2:00:00 AM	360000.000	12.170	17.651	27.739	1831.760	2130.846	1.449
545.923	1.000	14.708					1.100
11/20/2016 2:15:00 AM	360900.000	12.174	17.652	27.749	1835.658	2135.365	1.452
544.764	1.000	14.707					1.102
11/20/2016 2:30:00 AM	361800.000	12.173	17.652	27.746	1831.723	2130.770	1.449
545.934	1.000	14.706					1.100
11/20/2016 2:45:00 AM	362700.000	12.173	17.653	27.747	1833.628	2132.957	1.450
545.367	1.000	14.705					1.101
11/20/2016 3:00:00 AM	363600.000	12.174	17.651	27.749	1832.423	2131.630	1.450
545.725	1.000	14.704					1.100
11/20/2016 3:15:00 AM	364500.000	12.176	17.651	27.754	1833.587	2133.004	1.450
545.379	1.000	14.703					1.101
11/20/2016 3:30:00 AM	365400.000	12.182	17.651	27.767	1829.265	2127.956	1.447
546.668	1.000	14.698					1.098
11/20/2016 3:45:00 AM	366300.000	12.178	17.651	27.757	1832.252	2131.452	1.449
545.776	1.000	14.700					1.100
11/20/2016 4:00:00 AM	367200.000	12.181	17.651	27.764	1832.507	2131.735	1.450
545.701	1.000	14.697					1.100
11/20/2016 4:15:00 AM	368100.000	12.180	17.651	27.761	1833.423	2132.798	1.450
545.428	1.000	14.697					1.101
11/20/2016 4:30:00 AM	369000.000	12.176	17.650	27.752	1831.788	2130.929	1.450
545.915	1.000	14.702					1.100
11/20/2016 4:45:00 AM	369900.000	12.180	17.652	27.761	1837.917	2137.963	1.454
544.094	1.000	14.697					1.104
11/20/2016 5:00:00 AM	370800.000	12.178	17.653	27.756	1840.261	2140.669	1.456
543.401	1.000	14.698					1.105
11/20/2016 5:15:00 AM	371700.000	12.176	17.651	27.752	1837.183	2137.155	1.453
544.312	1.000	14.698					1.103
11/20/2016 5:30:00 AM	372600.000	12.178	17.650	27.758	1834.972	2134.637	1.452
544.967	1.000	14.697					1.102
11/20/2016 5:45:00 AM	373500.000	12.175	17.652	27.750	1835.653	2135.341	1.452
544.765	1.000	14.700					1.102
11/20/2016 6:00:00 AM	374400.000	12.177	17.651	27.754	1835.747	2135.493	1.452
544.737	1.000	14.700					1.102
11/20/2016 6:15:00 AM	375300.000	12.167	17.651	27.733	1836.652	2136.529	1.453
544.469	1.000	14.707					1.103
11/20/2016 6:30:00 AM	376200.000	12.174	17.652	27.748	1837.406	2137.385	1.453
544.246	1.000	14.701					1.103
11/20/2016 6:45:00 AM	377100.000	12.171	17.651	27.741	1839.767	2140.194	1.455
543.547	1.000	14.705					1.105
11/20/2016 7:00:00 AM	378000.000	12.173	17.650	27.744	1838.080	2138.261	1.454
544.046	1.000	14.703					1.104
11/20/2016 7:15:00 AM	378900.000	12.164	17.651	27.725	1834.591	2134.152	1.451
545.081	1.000	14.710					1.102
11/20/2016 7:30:00 AM	379800.000	12.166	17.652	27.730	1832.632	2131.848	1.450
545.663	1.000	14.709					1.100
11/20/2016 7:45:00 AM	380700.000	12.173	17.652	27.745	1830.682	2129.572	1.448
546.245	1.000	14.704					1.099
11/20/2016 8:00:00 AM	381600.000	12.176	17.652	27.754	1832.534	2131.705	1.450
545.692	1.000	14.702					1.100
11/20/2016 8:15:00 AM	382500.000	12.172	17.652	27.744	1833.228	2132.521	1.450
545.486	1.000	14.706					1.101
11/20/2016 8:30:00 AM	383400.000	12.166	17.652	27.729	1832.750	2131.981	1.450
545.628	1.000	14.711					1.101
11/20/2016 8:45:00 AM	384300.000	12.171	17.651	27.741	1836.200	2136.007	1.452
544.603	1.000	14.707					1.103
11/20/2016 9:00:00 AM	385200.000	12.167	17.650	27.733	1835.250	2134.969	1.452
544.885	1.000	14.713					1.102
11/20/2016 9:15:00 AM	386100.000	12.169	17.651	27.738	1835.240	2134.887	1.452
544.888	1.000	14.710					1.102
11/20/2016 9:30:00 AM	387000.000	12.174	17.650	27.747	1835.898	2135.701	1.452
544.693	1.000	14.706					1.103

11/20/2016 9:45:00 AM	387900.000	12.172	17.652	27.744	1833.678	2133.052	1.450	1.101
545.352	1.000	14.708						
11/20/2016 10:00:00 AM	388800.000	12.169	17.652	27.736	1835.569	2135.232	1.452	1.102
544.790	1.000	14.711						
11/20/2016 10:15:00 AM	389700.000	12.179	17.651	27.760	1839.242	2139.563	1.455	1.105
543.702	1.000	14.702						
11/20/2016 10:30:00 AM	390600.000	12.176	17.652	27.752	1834.850	2134.428	1.451	1.102
545.004	1.000	14.705						
11/20/2016 10:45:00 AM	391500.000	12.169	17.650	27.736	1835.365	2135.089	1.452	1.102
544.851	1.000	14.713						
11/20/2016 11:00:00 AM	392400.000	12.171	17.650	27.742	1831.440	2130.545	1.449	1.100
546.018	1.000	14.710						
11/20/2016 11:15:00 AM	393300.000	12.172	17.652	27.744	1836.792	2136.658	1.453	1.103
544.428	1.000	14.708						
11/20/2016 11:30:00 AM	394200.000	12.177	17.651	27.756	1839.733	2140.117	1.455	1.105
543.557	1.000	14.704						
11/20/2016 11:45:00 AM	395100.000	12.188	17.651	27.776	1836.448	2136.324	1.453	1.103
544.529	1.000	14.696						
11/20/2016 12:00:00 PM	396000.000	12.183	17.650	27.770	1833.545	2132.980	1.450	1.101
545.392	1.000	14.697						
11/20/2016 12:15:00 PM	396900.000	12.178	17.651	27.758	1830.088	2128.901	1.448	1.099
546.422	1.000	14.700						
11/20/2016 12:30:00 PM	397800.000	12.181	17.652	27.763	1830.956	2129.858	1.448	1.099
546.163	1.000	14.696						
11/20/2016 12:45:00 PM	398700.000	12.182	17.653	27.766	1832.707	2131.889	1.450	1.100
545.641	1.000	14.695						
11/20/2016 1:00:00 PM	399600.000	12.185	17.652	27.773	1833.923	2133.337	1.451	1.101
545.279	1.000	14.691						
11/20/2016 1:15:00 PM	400500.000	12.178	17.652	27.757	1831.420	2130.422	1.449	1.100
546.024	1.000	14.697						
11/20/2016 1:30:00 PM	401400.000	12.189	17.651	27.783	1835.233	2134.882	1.452	1.102
544.890	1.000	14.685						
11/20/2016 1:45:00 PM	402300.000	12.189	17.652	27.781	1833.882	2133.286	1.451	1.101
545.291	1.000	14.684						
11/20/2016 2:00:00 PM	403200.000	12.191	17.651	27.788	1835.595	2135.337	1.452	1.102
544.782	1.000	14.680						
11/20/2016 2:15:00 PM	404100.000	12.194	17.651	27.794	1834.653	2134.241	1.451	1.102
545.062	1.000	14.676						
11/20/2016 2:30:00 PM	405000.000	12.188	17.652	27.781	1831.882	2130.955	1.449	1.100
545.887	1.000	14.680						
11/20/2016 2:45:00 PM	405900.000	12.189	17.650	27.782	1834.681	2134.294	1.451	1.102
545.054	1.000	14.679						
11/20/2016 3:00:00 PM	406800.000	12.191	17.652	27.787	1832.608	2131.808	1.450	1.100
545.670	1.000	14.674						
11/20/2016 3:15:00 PM	407700.000	12.181	17.653	27.764	1832.201	2131.293	1.449	1.100
545.792	1.000	14.683						
11/20/2016 3:30:00 PM	408600.000	12.183	17.651	27.769	1836.214	2136.048	1.453	1.103
544.599	1.000	14.681						
11/20/2016 3:45:00 PM	409500.000	12.181	17.651	27.764	1834.201	2133.691	1.451	1.101
545.196	1.000	14.682						
11/20/2016 4:00:00 PM	410400.000	12.181	17.650	27.763	1833.203	2132.580	1.450	1.101
545.493	1.000	14.681						
11/20/2016 4:15:00 PM	411300.000	12.183	17.652	27.769	1829.524	2128.204	1.447	1.098
546.590	1.000	14.680						
11/20/2016 4:30:00 PM	412200.000	12.179	17.651	27.760	1834.084	2133.550	1.451	1.101
545.231	1.000	14.682						
11/20/2016 4:45:00 PM	413100.000	12.187	17.651	27.777	1837.186	2137.175	1.453	1.103
544.311	1.000	14.674						
11/20/2016 5:00:00 PM	414000.000	12.184	17.649	27.771	1838.665	2138.966	1.454	1.104
545.873	1.000	14.677						
11/20/2016 5:15:00 PM	414900.000	12.179	17.651	27.760	1835.183	2134.844	1.452	1.102
544.905	1.000	14.678						
11/20/2016 5:30:00 PM	415800.000	12.179	17.651	27.760	1836.208	2136.013	1.452	1.103
544.600	1.000	14.680						
11/20/2016 5:45:00 PM	416700.000	12.174	17.651	27.749	1834.435	2133.950	1.451	1.102
545.127	1.000	14.684						
11/20/2016 6:00:00 PM	417600.000	12.176	17.650	27.752	1831.158	2130.220	1.449	1.100
546.103	1.000	14.685						
11/20/2016 6:15:00 PM	418500.000	12.170	17.651	27.739	1830.629	2129.539	1.448	1.099
546.260	1.000	14.689						
11/20/2016 6:30:00 PM	419400.000	12.176	17.651	27.752	1827.725	2126.178	1.446	1.097
547.128	1.000	14.684						
11/20/2016 6:45:00 PM	420300.000	12.174	17.652	27.749	1828.970	2127.584	1.447	1.098
546.756	1.000	14.685						
11/20/2016 7:00:00 PM	421200.000	12.171	17.652	27.741	1835.199	2134.797	1.452	1.102
544.900	1.000	14.689						
11/20/2016 7:15:00 PM	422100.000	12.171	17.651	27.742	1836.810	2136.746	1.453	1.103
544.422	1.000	14.689						
11/20/2016 7:30:00 PM	423000.000	12.177	17.653	27.754	1836.154	2135.883	1.452	1.103
544.617	1.000	14.686						
11/20/2016 7:45:00 PM	423900.000	12.179	17.652	27.760	1839.864	2140.236	1.455	1.105
543.518	1.000	14.683						
11/20/2016 8:00:00 PM	424800.000	12.167	17.651	27.733	1837.321	2137.332	1.453	1.103
544.271	1.000	14.695						
11/20/2016 8:15:00 PM	425700.000	12.172	17.651	27.744	1835.192	2134.851	1.452	1.102
544.902	1.000	14.691						
11/20/2016 8:30:00 PM	426600.000	12.172	17.652	27.745	1833.709	2133.060	1.450	1.101
545.343	1.000	14.691						
11/20/2016 8:45:00 PM	427500.000	12.171	17.652	27.741	1833.850	2133.265	1.451	1.101
545.301	1.000	14.693						
11/20/2016 9:00:00 PM	428400.000	12.173	17.652	27.746	1832.098	2131.206	1.449	1.100
545.822	1.000	14.694						
11/20/2016 9:15:00 PM	429300.000	12.172	17.652	27.745	1835.507	2135.152	1.452	1.102
544.809	1.000	14.693						
11/20/2016 9:30:00 PM	430200.000	12.181	17.651	27.764	1835.242	2134.913	1.452	1.102
544.887	1.000	14.687						
11/20/2016 9:45:00 PM	431100.000	12.174	17.650	27.748	1834.585	2134.182	1.451	1.102
545.082	1.000	14.693						
11/20/2016 10:00:00 PM	432000.000	12.176	17.652	27.753	1835.787	2135.511	1.452	1.102
544.725	1.000	14.691						
11/20/2016 10:15:00 PM	432900.000	12.172	17.652	27.744	1836.517	2136.352	1.453	1.103
544.599	1.000	14.696						
11/20/2016 10:30:00 PM	433800.000	12.172	17.651	27.744	1835.709	2135.432	1.452	1.102
544.749	1.000	14.696						
11/20/2016 10:45:00 PM	434700.000	12.171	17.651	27.741	1836.327	2136.155	1.453	1.103
544.565	1.000	14.696						
11/20/2016 11:00:00 PM	435600.000	12.166	17.651	27.729	1838.650	2138.857	1.454	1.104
543.877	1.000	14.703						
11/20/2016 11:15:00 PM	436500.000	12.163	17.651	27.724	1832.037	2131.198	1.449	1.100
545.841	1.000	14.708						
11/20/2016 11:30:00 PM	437400.000	12.162	17.651	27.722	1832.677	2131.942	1.450	1.101
545.650	1.000	14.705						
11/20/2016 11:45:00 PM	438300.000	12.171	17.653	27.741	1832.671	2131.815	1.450	1.100
545.652	1.000	14.701						
11/21/2016 12:00:00 AM	439200.000	12.173	17.650	27.747	1836.942	2136.929	1.453	1.103
544.383	1.000	14.701						
11/21/2016 12:15:00 AM	440100.000	12.173	17.651	27.746	1833.747	2133.166	1.451	1.101
545.332	1.000	14.701						
11/21/2016 12:30:00 AM	441000.000	12.166	17.650	27.731	1837.495	2137.580	1.454	1.104
544.219	1.000	14.707						
11/21/2016 12:45:00 AM	441900.000	12.171	17.651	27.742	1836.004	2135.791	1.452	1.103
544.661	1.000	14.704						
11/21/2016 1:00:00 AM	442800.000	12.177	17.651	27.756	1834.440	2133.989	1.451	1.102
545.125	1.000	14.699						
11/21/2016 1:15:00 AM	443700.000	12.170	17.652	27.739	1831.720	2130.788	1.449	1.100
545.935	1.000	14.707						
11/21/2016 1:30:00 AM	444600.000	12.167	17.651	27.733	1833.948	2133.416	1.451	1.101
545.272	1.000	14.711						
11/21/2016 1:45:00 AM	445500.000	12.171	17.652	27.742	1834.204	2133.677	1.451	1.101
545.196	1.000	14.706						
11/21/2016 2:00:00 AM	446400.000	12.168	17.653	27.736	1833.814	2133.178	1.451	1.101
545.311	1.000	14.711						
11/21/2016 2:15:00 AM	447300.000	12.175	17.653	27.750	1836.474	2136.271	1.453	1.103

544.522	1.000	14.706					
11/21/2016 2:30:00 AM	448200.000	12.170	17.650	27.739	1837.333	2137.375	1.453
544.267	1.000	14.711					1.103
11/21/2016 2:45:00 AM	449100.000	12.170	17.650	27.739	1834.834	2134.490	1.451
545.008	1.000	14.711					1.102
11/21/2016 3:00:00 AM	450000.000	12.160	17.652	27.715	1832.369	2131.501	1.449
545.742	1.000	14.722					1.100
11/21/2016 3:15:00 AM	450900.000	12.173	17.652	27.746	1832.403	2131.540	1.449
545.732	1.000	14.710					1.100
11/21/2016 3:30:00 AM	451800.000	12.171	17.651	27.741	1833.554	2132.959	1.450
545.389	1.000	14.713					1.101
11/21/2016 3:45:00 AM	452700.000	12.173	17.651	27.747	1831.366	2130.384	1.449
546.040	1.000	14.711					1.100
11/21/2016 4:00:00 AM	453600.000	12.173	17.651	27.745	1830.057	2128.869	1.448
546.431	1.000	14.712					1.099
11/21/2016 4:15:00 AM	454500.000	12.160	17.651	27.717	1830.644	2129.552	1.448
546.256	1.000	14.721					1.099
11/21/2016 4:30:00 AM	455400.000	12.168	17.652	27.734	1827.753	2126.135	1.446
547.120	1.000	14.718					1.097
11/21/2016 4:45:00 AM	456300.000	12.169	17.653	27.737	1829.926	2128.646	1.447
546.470	1.000	14.718					1.099
11/21/2016 5:00:00 AM	457200.000	12.172	17.651	27.744	1833.283	2132.623	1.450
545.469	1.000	14.716					1.101
11/21/2016 5:15:00 AM	458100.000	12.166	17.651	27.729	1835.740	2135.489	1.452
544.739	1.000	14.725					1.102
11/21/2016 5:30:00 AM	459000.000	12.168	17.651	27.735	1834.665	2134.238	1.452
545.059	1.000	14.724					1.101
11/21/2016 5:45:00 AM	459900.000	12.170	17.651	27.739	1831.979	2131.094	1.449
545.858	1.000	14.722					1.100
11/21/2016 6:00:00 AM	460800.000	12.161	17.652	27.718	1831.508	2130.540	1.449
545.998	1.000	14.731					1.100
11/21/2016 6:15:00 AM	461700.000	12.165	17.651	27.727	1832.178	2131.328	1.449
545.798	1.000	14.730					1.100
11/21/2016 6:30:00 AM	462600.000	12.163	17.651	27.723	1831.099	2130.082	1.448
546.120	1.000	14.733					1.100
11/21/2016 6:45:00 AM	463500.000	12.160	17.651	27.716	1835.005	2134.630	1.452
544.958	1.000	14.738					1.102
11/21/2016 7:00:00 AM	464400.000	12.157	17.651	27.710	1834.845	2134.468	1.451
545.005	1.000	14.742					1.102
11/21/2016 7:15:00 AM	465300.000	12.155	17.649	27.705	1835.197	2134.932	1.452
544.901	1.000	14.746					1.102
11/21/2016 7:30:00 AM	466200.000	12.158	17.651	27.711	1834.424	2133.962	1.451
545.130	1.000	14.746					1.102
11/21/2016 7:45:00 AM	467100.000	12.160	17.651	27.717	1830.361	2129.248	1.448
546.340	1.000	14.745					1.099
11/21/2016 8:00:00 AM	468000.000	12.155	17.652	27.704	1831.124	2130.064	1.448
546.113	1.000	14.752					1.100
11/21/2016 8:15:00 AM	468900.000	12.154	17.653	27.704	1830.829	2129.701	1.448
546.201	1.000	14.755					1.099
11/21/2016 8:30:00 AM	469800.000	12.157	17.652	27.709	1831.299	2130.268	1.449
546.060	1.000	14.756					1.100
11/21/2016 8:45:00 AM	470700.000	12.156	17.651	27.708	1831.896	2131.021	1.449
545.883	1.000	14.758					1.100
11/21/2016 9:00:00 AM	471600.000	12.152	17.650	27.697	1830.966	2129.972	1.448
546.160	1.000	14.763					1.099
11/21/2016 9:15:00 AM	472500.000	12.163	17.652	27.722	1826.790	2125.036	1.445
547.408	1.000	14.756					1.097
11/21/2016 9:30:00 AM	473400.000	12.158	17.651	27.712	1828.289	2126.825	1.446
546.960	1.000	14.760					1.098
11/21/2016 9:45:00 AM	474300.000	12.157	17.651	27.710	1835.619	2135.353	1.452
544.775	1.000	14.764					1.102
11/21/2016 10:00:00 AM	475200.000	12.161	17.651	27.719	1834.545	2134.111	1.451
545.094	1.000	14.761					1.101
11/21/2016 10:15:00 AM	476100.000	12.159	17.653	27.714	1832.943	2132.136	1.450
545.571	1.000	14.764					1.101
11/21/2016 10:30:00 AM	477000.000	12.161	17.652	27.719	1830.312	2129.133	1.448
546.355	1.000	14.764					1.099
11/21/2016 10:45:00 AM	477900.000	12.162	17.652	27.720	1831.558	2130.583	1.449
545.983	1.000	14.766					1.100
11/21/2016 11:00:00 AM	478800.000	12.164	17.652	27.725	1833.298	2132.607	1.450
545.465	1.000	14.765					1.101
11/21/2016 11:15:00 AM	479700.000	12.166	17.652	27.730	1833.780	2133.163	1.451
545.322	1.000	14.764					1.101
11/21/2016 11:30:00 AM	480600.000	12.165	17.652	27.727	1836.504	2136.348	1.453
544.513	1.000	14.766					1.103
11/21/2016 11:45:00 AM	481500.000	12.170	17.652	27.739	1834.712	2134.260	1.451
545.045	1.000	14.761					1.102
11/21/2016 12:00:00 PM	482400.000	12.173	17.652	27.745	1827.797	2126.224	1.446
547.107	1.000	14.760					1.097
11/21/2016 12:15:00 PM	483300.000	12.172	17.651	27.744	1825.508	2123.590	1.444
547.793	1.000	14.759					1.096
11/21/2016 12:30:00 PM	484200.000	12.174	17.651	27.748	1830.942	2129.903	1.448
546.167	1.000	14.759					1.099
11/21/2016 12:45:00 PM	485100.000	12.169	17.652	27.736	1834.233	2133.706	1.451
545.187	1.000	14.762					1.101
11/21/2016 1:00:00 PM	486000.000	12.176	17.650	27.753	1834.079	2133.586	1.451
545.233	1.000	14.757					1.101
11/21/2016 1:15:00 PM	486900.000	12.175	17.652	27.750	1831.828	2130.900	1.449
545.903	1.000	14.758					1.100
11/21/2016 1:30:00 PM	487800.000	12.177	17.651	27.756	1830.461	2129.360	1.448
546.311	1.000	14.755					1.099
11/21/2016 1:45:00 PM	488700.000	12.171	17.652	27.741	1832.578	2131.781	1.450
545.680	1.000	14.759					1.100
11/21/2016 2:00:00 PM	489600.000	12.174	17.650	27.747	1833.855	2133.321	1.451
545.299	1.000	14.761					1.101
11/21/2016 2:15:00 PM	490500.000	12.177	17.650	27.756	1829.537	2128.327	1.447
546.586	1.000	14.756					1.099
11/21/2016 2:30:00 PM	491400.000	12.175	17.652	27.751	1833.910	2133.319	1.451
545.283	1.000	14.759					1.101
11/21/2016 2:45:00 PM	492300.000	12.174	17.651	27.748	1835.640	2135.372	1.452
544.769	1.000	14.759					1.102
11/21/2016 3:00:00 PM	493200.000	12.171	17.651	27.741	1832.316	2131.527	1.449
545.757	1.000	14.763					1.100
11/21/2016 3:15:00 PM	494100.000	12.175	17.651	27.751	1834.302	2133.837	1.451
545.166	1.000	14.760					1.102
11/21/2016 3:30:00 PM	495000.000	12.173	17.652	27.746	1831.077	2130.015	1.448
546.127	1.000	14.762					1.099
11/21/2016 3:45:00 PM	495900.000	12.166	17.651	27.731	1836.278	2136.132	1.453
544.580	1.000	14.769					1.103
11/21/2016 4:00:00 PM	496800.000	12.169	17.652	27.738	1833.845	2133.251	1.451
545.302	1.000	14.766					1.101
11/21/2016 4:15:00 PM	497700.000	12.170	17.651	27.740	1832.072	2131.229	1.449
545.830	1.000	14.766					1.100
11/21/2016 4:30:00 PM	498600.000	12.165	17.651	27.727	1833.443	2132.804	1.450
545.422	1.000	14.771					1.101
11/21/2016 4:45:00 PM	499500.000	12.172	17.651	27.744	1835.016	2134.638	1.452
544.954	1.000	14.765					1.102
11/21/2016 5:00:00 PM	500400.000	12.178	17.652	27.757	1832.753	2131.982	1.450
545.627	1.000	14.762					1.101
11/21/2016 5:15:00 PM	501300.000	12.172	17.648	27.744	1829.622	2128.496	1.447
546.561	1.000	14.768					1.099
11/21/2016 5:30:00 PM	502200.000	12.166	17.651	27.729	1832.078	2131.233	1.449
545.828	1.000	14.775					1.100
11/21/2016 5:45:00 PM	503100.000	12.166	17.652	27.730	1829.749	2128.482	1.447
546.523	1.000	14.775					1.099
11/21/2016 6:00:00 PM	504000.000	12.162	17.650	27.720	1835.740	2135.517	1.452
544.740	1.000	14.781					1.102
11/21/2016 6:15:00 PM	504900.000	12.162	17.651	27.721	1831.594	2130.644	1.449
545.973	1.000	14.783					1.100
11/21/2016 6:30:00 PM	505800.000	12.159	17.653	27.714	1832.382	2131.470	1.449
545.738	1.000	14.787					1.100
11/21/2016 6:45:00 PM	506700.000	12.162	17.651	27.721	1834.783	2134.387	1.451
545.024	1.000	14.786					1.102

11/21/2016 7:00:00 PM	507600.000	12.160	27.117	1834.672	2134.130	1.451	1.102
545.057	1.000	14.788					
11/21/2016 7:15:00 PM	508500.000	12.163	27.722	1833.525	2132.954	1.450	1.101
545.397	1.000	14.789					
11/21/2016 7:30:00 PM	509400.000	12.161	27.719	1835.517	2135.217	1.452	1.102
544.806	1.000	14.791					
11/21/2016 7:45:00 PM	510300.000	12.154	27.703	1833.015	2132.352	1.450	1.101
545.549	1.000	14.799					
11/21/2016 8:00:00 PM	511200.000	12.157	27.732	1833.892	2133.356	1.451	1.101
545.288	1.000	14.789					
11/21/2016 8:15:00 PM	512100.000	12.158	27.713	1831.702	2130.720	1.449	1.100
545.940	1.000	14.799					
11/21/2016 8:30:00 PM	513000.000	12.159	27.715	1829.370	2128.166	1.447	1.098
546.636	1.000	14.798					
11/21/2016 8:45:00 PM	513900.000	12.155	27.706	1827.765	2126.183	1.446	1.097
547.116	1.000	14.807					
11/21/2016 9:00:00 PM	514800.000	12.157	27.710	1826.172	2124.337	1.445	1.096
547.594	1.000	14.805					
11/21/2016 9:15:00 PM	515700.000	12.161	27.719	1830.105	2128.970	1.448	1.099
546.417	1.000	14.804					
11/21/2016 9:30:00 PM	516600.000	12.159	27.713	1831.592	2130.597	1.449	1.100
545.973	1.000	14.810					
11/21/2016 9:45:00 PM	517500.000	12.161	27.718	1830.694	2129.619	1.448	1.099
546.241	1.000	14.810					
11/21/2016 10:00:00 PM	518400.000	12.162	27.721	1833.056	2132.433	1.450	1.101
545.537	1.000	14.809					
11/21/2016 10:15:00 PM	519300.000	12.156	27.708	1833.044	2132.360	1.450	1.101
545.541	1.000	14.817					
11/21/2016 10:30:00 PM	520200.000	12.166	27.729	1832.220	2131.356	1.449	1.100
545.786	1.000	14.809					
11/21/2016 10:45:00 PM	521100.000	12.158	27.711	1837.356	2137.381	1.453	1.103
544.260	1.000	14.818					
11/21/2016 11:00:00 PM	522000.000	12.164	27.762	1834.019	2133.421	1.451	1.101
545.251	1.000	14.812					
11/21/2016 11:15:00 PM	522900.000	12.167	27.733	1833.625	2132.983	1.450	1.101
545.368	1.000	14.811					
11/21/2016 11:30:00 PM	523800.000	12.166	27.730	1830.589	2129.443	1.448	1.099
546.272	1.000	14.814					
11/21/2016 11:45:00 PM	524700.000	12.171	27.741	1829.161	2127.868	1.447	1.098
546.699	1.000	14.809					
11/22/2016 12:00:00 AM	525600.000	12.171	27.742	1833.550	2132.904	1.450	1.101
545.390	1.000	14.809					
11/22/2016 12:15:00 AM	526500.000	12.167	27.732	1834.605	2134.105	1.451	1.102
545.077	1.000	14.815					
11/22/2016 12:30:00 AM	527400.000	12.163	27.723	1833.120	2132.440	1.450	1.101
545.518	1.000	14.819					
11/22/2016 12:45:00 AM	528300.000	12.166	27.730	1834.276	2133.774	1.451	1.102
545.174	1.000	14.815					
11/22/2016 1:00:00 AM	529200.000	12.171	27.742	1833.858	2133.228	1.451	1.101
545.299	1.000	14.812					
11/22/2016 1:15:00 AM	530100.000	12.173	27.745	1835.235	2134.851	1.452	1.102
544.889	1.000	14.810					
11/22/2016 1:30:00 AM	531000.000	12.183	27.770	1833.827	2133.213	1.451	1.101
545.308	1.000	14.800					
11/22/2016 1:45:00 AM	531900.000	12.175	27.750	1837.851	2137.966	1.454	1.104
544.114	1.000	14.809					
11/22/2016 2:00:00 AM	532800.000	12.164	27.724	1836.391	2136.175	1.453	1.103
544.546	1.000	14.819					
11/22/2016 2:15:00 AM	533700.000	12.168	27.734	1833.285	2132.579	1.450	1.101
545.469	1.000	14.816					
11/22/2016 2:30:00 AM	534600.000	12.175	27.750	1833.642	2132.957	1.450	1.101
545.363	1.000	14.808					
11/22/2016 2:45:00 AM	535500.000	12.168	27.734	1835.491	2135.216	1.452	1.102
544.813	1.000	14.817					
11/22/2016 3:00:00 AM	536400.000	12.167	27.733	1835.964	2135.691	1.452	1.103
544.673	1.000	14.817					
11/22/2016 3:15:00 AM	537300.000	12.175	27.751	1835.550	2135.235	1.452	1.102
544.796	1.000	14.809					
11/22/2016 3:30:00 AM	538200.000	12.175	27.750	1835.733	2135.506	1.452	1.102
544.741	1.000	14.810					
11/22/2016 3:45:00 AM	539100.000	12.174	27.748	1834.095	2133.525	1.451	1.101
545.228	1.000	14.812					
11/22/2016 4:00:00 AM	540000.000	12.172	27.743	1837.210	2137.178	1.453	1.103
544.303	1.000	14.814					
11/22/2016 4:15:00 AM	540900.000	12.171	27.741	1837.533	2137.511	1.454	1.104
544.208	1.000	14.814					
11/22/2016 4:30:00 AM	541800.000	12.173	27.745	1839.572	2139.926	1.455	1.105
543.605	1.000	14.813					
11/22/2016 4:45:00 AM	542700.000	12.173	27.746	1835.548	2135.257	1.452	1.102
544.796	1.000	14.814					
11/22/2016 5:00:00 AM	543600.000	12.173	27.745	1839.677	2140.069	1.455	1.105
543.574	1.000	14.814					
11/22/2016 5:15:00 AM	544500.000	12.167	27.733	1838.038	2138.133	1.454	1.104
544.058	1.000	14.820					
11/22/2016 5:30:00 AM	545400.000	12.174	27.747	1835.064	2134.694	1.452	1.102
544.940	1.000	14.815					
11/22/2016 5:45:00 AM	546300.000	12.172	27.743	1832.635	2131.839	1.450	1.100
545.662	1.000	14.817					
11/22/2016 6:00:00 AM	547200.000	12.168	27.735	1833.977	2133.405	1.451	1.101
545.263	1.000	14.822					
11/22/2016 6:15:00 AM	548100.000	12.175	27.750	1834.175	2133.652	1.451	1.101
545.204	1.000	14.816					
11/22/2016 6:30:00 AM	549000.000	12.168	27.734	1833.624	2133.064	1.450	1.101
545.368	1.000	14.824					
11/22/2016 6:45:00 AM	549900.000	12.175	27.750	1840.769	2141.268	1.456	1.106
543.251	1.000	14.818					
11/22/2016 7:00:00 AM	550800.000	12.170	27.739	1834.438	2133.949	1.451	1.102
545.126	1.000	14.822					
11/22/2016 7:15:00 AM	551700.000	12.166	27.731	1832.161	2131.221	1.449	1.100
545.804	1.000	14.826					
11/22/2016 7:30:00 AM	552600.000	12.165	27.728	1834.405	2133.953	1.451	1.102
545.136	1.000	14.829					
11/22/2016 7:45:00 AM	553500.000	12.166	27.731	1832.337	2131.464	1.449	1.100
545.751	1.000	14.830					
11/22/2016 8:00:00 AM	554400.000	12.167	27.732	1830.569	2129.423	1.448	1.099
546.278	1.000	14.830					
11/22/2016 8:15:00 AM	555300.000	12.170	27.740	1832.262	2131.389	1.449	1.100
545.773	1.000	14.829					
11/22/2016 8:30:00 AM	556200.000	12.165	27.727	1827.594	2125.955	1.446	1.097
547.167	1.000	14.834					
11/22/2016 8:45:00 AM	557100.000	12.163	27.723	1827.852	2126.292	1.446	1.097
547.090	1.000	14.837					
11/22/2016 9:00:00 AM	558000.000	12.166	27.731	1827.179	2125.513	1.445	1.097
547.292	1.000	14.836					
11/22/2016 9:15:00 AM	558900.000	12.164	27.726	1829.568	2128.313	1.447	1.099
546.577	1.000	14.838					
11/22/2016 9:30:00 AM	559800.000	12.175	27.750	1829.030	2127.609	1.447	1.098
546.738	1.000	14.829					
11/22/2016 9:45:00 AM	560700.000	12.172	27.744	1834.413	2133.874	1.451	1.102
545.134	1.000	14.833					
11/22/2016 10:00:00 AM	561600.000	12.168	27.734	1836.802	2136.669	1.453	1.103
544.425	1.000	14.838					
11/22/2016 10:15:00 AM	562500.000	12.171	27.741	1836.040	2135.729	1.452	1.103
544.651	1.000	14.836					
11/22/2016 10:30:00 AM	563400.000	12.173	27.745	1833.730	2133.085	1.450	1.101
545.336	1.000	14.835					
11/22/2016 10:45:00 AM	564300.000	12.177	27.754	1835.884	2135.610	1.452	1.103
544.697	1.000	14.830					
11/22/2016 11:00:00 AM	565200.000	12.181	27.763	1833.408	2132.739	1.450	1.101
545.432	1.000	14.826					
11/22/2016 11:15:00 AM	566100.000	12.177	27.755	1835.310	2134.951	1.452	1.102
544.867	1.000	14.829					
11/22/2016 11:30:00 AM	567000.000	12.188	27.780	1831.294	2130.317	1.449	1.100

546.062	1.000	14.818					
11/22/2016 11:45:00 AM	567900.000	12.188	17.653	27.781	1828.485	2126.937	1.446
546.901	1.000	14.817					1.098
11/22/2016 12:00:00 PM	568800.000	12.189	17.652	27.783	1832.007	2131.088	1.449
545.849	1.000	14.814					1.100
11/22/2016 12:15:00 PM	569700.000	12.195	17.651	27.796	1827.264	2125.625	1.445
547.266	1.000	14.807					1.097
11/22/2016 12:30:00 PM	570600.000	12.190	17.652	27.785	1829.183	2127.804	1.447
546.692	1.000	14.810					1.098
11/22/2016 12:45:00 PM	571500.000	12.187	17.651	27.779	1829.094	2127.762	1.447
546.719	1.000	14.811					1.098
11/22/2016 1:00:00 PM	572400.000	12.188	17.650	27.780	1829.204	2127.936	1.447
546.686	1.000	14.810					1.098
11/22/2016 1:15:00 PM	573300.000	12.188	17.650	27.780	1826.559	2124.838	1.445
547.477	1.000	14.808					1.097
11/22/2016 1:30:00 PM	574200.000	12.187	17.653	27.778	1826.946	2125.164	1.445
547.361	1.000	14.807					1.097
11/22/2016 1:45:00 PM	575100.000	12.191	17.653	27.788	1832.487	2131.605	1.449
545.707	1.000	14.802					1.100
11/22/2016 2:00:00 PM	576000.000	12.191	17.652	27.787	1833.115	2132.378	1.450
545.519	1.000	14.800					1.101
11/22/2016 2:15:00 PM	576900.000	12.189	17.652	27.782	1835.216	2134.841	1.452
544.895	1.000	14.803					1.102
11/22/2016 2:30:00 PM	577800.000	12.182	17.653	27.767	1834.636	2134.101	1.451
545.067	1.000	14.809					1.102
11/22/2016 2:45:00 PM	578700.000	12.182	17.653	27.767	1833.529	2132.842	1.450
545.396	1.000	14.808					1.101
11/22/2016 3:00:00 PM	579600.000	12.188	17.651	27.780	1834.674	2134.257	1.451
545.056	1.000	14.801					1.102
11/22/2016 3:15:00 PM	580500.000	12.180	17.651	27.761	1834.738	2134.315	1.451
545.037	1.000	14.809					1.102
11/22/2016 3:30:00 PM	581400.000	12.176	17.653	27.758	1834.035	2133.414	1.451
545.246	1.000	14.811					1.101
11/22/2016 3:45:00 PM	582300.000	12.184	17.651	27.771	1835.988	2135.773	1.452
544.666	1.000	14.805					1.103
11/22/2016 4:00:00 PM	583200.000	12.182	17.653	27.767	1836.222	2135.950	1.452
544.597	1.000	14.807					1.103
11/22/2016 4:15:00 PM	584100.000	12.179	17.653	27.761	1836.130	2135.834	1.452
544.624	1.000	14.809					1.102
11/22/2016 4:30:00 PM	585000.000	12.179	17.652	27.760	1834.775	2134.320	1.451
545.026	1.000	14.809					1.102
11/22/2016 4:45:00 PM	585900.000	12.175	17.652	27.751	1840.427	2140.899	1.456
543.352	1.000	14.813					1.105
11/22/2016 5:00:00 PM	586800.000	12.178	17.651	27.757	1836.839	2136.767	1.453
544.414	1.000	14.809					1.103
11/22/2016 5:15:00 PM	587700.000	12.178	17.650	27.757	1834.670	2134.299	1.451
545.057	1.000	14.812					1.102
11/22/2016 5:30:00 PM	588600.000	12.179	17.652	27.759	1832.273	2131.410	1.449
545.770	1.000	14.809					1.100
11/22/2016 5:45:00 PM	589500.000	12.177	17.651	27.756	1834.742	2134.344	1.451
545.036	1.000	14.811					1.102
11/22/2016 6:00:00 PM	590400.000	12.176	17.650	27.752	1838.022	2138.177	1.454
544.063	1.000	14.814					1.104
11/22/2016 6:15:00 PM	591300.000	12.176	17.652	27.753	1832.606	2131.810	1.450
545.671	1.000	14.813					1.100
11/22/2016 6:30:00 PM	592200.000	12.175	17.652	27.749	1833.351	2132.659	1.450
545.449	1.000	14.814					1.101
11/22/2016 6:45:00 PM	593100.000	12.182	17.652	27.767	1834.275	2133.719	1.451
545.174	1.000	14.807					1.101
11/22/2016 7:00:00 PM	594000.000	12.181	17.651	27.764	1835.981	2135.752	1.452
544.668	1.000	14.809					1.103
11/22/2016 7:15:00 PM	594900.000	12.178	17.651	27.757	1834.388	2133.895	1.451
545.141	1.000	14.813					1.102
11/22/2016 7:30:00 PM	595800.000	12.174	17.652	27.748	1830.965	2129.909	1.448
546.160	1.000	14.816					1.099
11/22/2016 7:45:00 PM	596700.000	12.181	17.651	27.765	1834.903	2134.511	1.451
544.988	1.000	14.810					1.102
11/22/2016 8:00:00 PM	597600.000	12.179	17.652	27.759	1830.757	2129.629	1.448
546.222	1.000	14.814					1.099
11/22/2016 8:15:00 PM	598500.000	12.177	17.651	27.756	1831.594	2130.658	1.449
545.972	1.000	14.814					1.100
11/22/2016 8:30:00 PM	599400.000	12.183	17.651	27.770	1837.238	2137.239	1.453
544.295	1.000	14.808					1.103
11/22/2016 8:45:00 PM	600300.000	12.179	17.651	27.759	1826.779	2125.073	1.445
547.412	1.000	14.813					1.097
11/22/2016 9:00:00 PM	601200.000	12.185	17.651	27.774	1826.749	2125.025	1.445
547.421	1.000	14.807					1.097
11/22/2016 9:15:00 PM	602100.000	12.179	17.652	27.760	1828.920	2127.497	1.447
546.771	1.000	14.812					1.098
11/22/2016 9:30:00 PM	603000.000	12.182	17.650	27.766	1832.226	2131.426	1.449
545.784	1.000	14.809					1.100
11/22/2016 9:45:00 PM	603900.000	12.184	17.651	27.771	1833.234	2132.561	1.450
545.484	1.000	14.807					1.101
11/22/2016 10:00:00 PM	604800.000	12.182	17.651	27.766	1829.821	2128.583	1.447
546.501	1.000	14.809					1.099
11/22/2016 10:15:00 PM	605700.000	12.177	17.649	27.754	1827.812	2126.344	1.446
547.102	1.000	14.815					1.097
11/22/2016 10:30:00 PM	606600.000	12.182	17.651	27.766	1832.084	2131.228	1.449
545.826	1.000	14.811					1.100
11/22/2016 10:45:00 PM	607500.000	12.177	17.652	27.755	1827.804	2126.207	1.446
547.104	1.000	14.814					1.097
11/22/2016 11:00:00 PM	608400.000	12.176	17.650	27.753	1829.239	2127.955	1.447
546.675	1.000	14.816					1.098
11/22/2016 11:15:00 PM	609300.000	12.178	17.650	27.758	1827.367	2125.781	1.446
547.236	1.000	14.814					1.097
11/22/2016 11:30:00 PM	610200.000	12.183	17.651	27.770	1830.805	2129.740	1.448
546.208	1.000	14.810					1.099
11/22/2016 11:45:00 PM	611100.000	12.185	17.651	27.772	1829.367	2128.079	1.447
546.637	1.000	14.807					1.098
11/23/2016 12:00:00 AM	612000.000	12.184	17.651	27.770	1832.224	2131.382	1.449
545.785	1.000	14.808					1.100
11/23/2016 12:15:00 AM	612900.000	12.174	17.651	27.748	1834.192	2133.667	1.451
545.199	1.000	14.818					1.101
11/23/2016 12:30:00 AM	613800.000	12.180	17.652	27.762	1833.351	2132.655	1.450
545.449	1.000	14.812					1.101
11/23/2016 12:45:00 AM	614700.000	12.187	17.651	27.778	1828.801	2127.413	1.447
546.806	1.000	14.805					1.098
11/23/2016 1:00:00 AM	615600.000	12.189	17.651	27.784	1828.970	2127.630	1.447
546.756	1.000	14.801					1.098
11/23/2016 1:15:00 AM	616500.000	12.187	17.650	27.778	1830.197	2129.103	1.448
546.389	1.000	14.804					1.099
11/23/2016 1:30:00 AM	617400.000	12.187	17.650	27.778	1828.748	2127.413	1.447
546.822	1.000	14.803					1.098
11/23/2016 1:45:00 AM	618300.000	12.181	17.653	27.764	1826.002	2124.086	1.444
547.645	1.000	14.810					1.096
11/23/2016 2:00:00 AM	619200.000	12.180	17.652	27.761	1830.293	2129.128	1.448
546.361	1.000	14.809					1.099
11/23/2016 2:15:00 AM	620100.000	12.172	17.651	27.745	1829.786	2128.566	1.447
546.512	1.000	14.818					1.099
11/23/2016 2:30:00 AM	621000.000	12.173	17.650	27.746	1828.649	2127.264	1.447
546.852	1.000	14.818					1.098
11/23/2016 2:45:00 AM	621900.000	12.178	17.652	27.759	1826.984	2125.262	1.445
547.350	1.000	14.812					1.097
11/23/2016 3:00:00 AM	622800.000	12.178	17.651	27.758	1831.693	2130.768	1.449
545.943	1.000	14.814					1.100
11/23/2016 3:15:00 AM	623700.000	12.180	17.653	27.761	1831.914	2130.938	1.449
545.877	1.000	14.814					1.100
11/23/2016 3:30:00 AM	624600.000	12.167	17.652	27.731	1833.421	2132.750	1.450
545.429	1.000	14.827					1.101
11/23/2016 3:45:00 AM	625500.000	12.164	17.652	27.726	1830.527	2129.366	1.448
546.291	1.000	14.831					1.099
11/23/2016 4:00:00 AM	626400.000	12.161	17.650	27.718	1834.518	2134.117	1.451
545.102	1.000	14.837					1.102

11/23/2016 4:15:00 AM	627300.000	12.160	17.651	27.716	1833.739	2133.144	1.451	1.101
545.334	1.000	14.839						
11/23/2016 4:30:00 AM	628200.000	12.155	17.652	27.705	1829.638	2128.349	1.447	1.099
546.556	1.000	14.846						
11/23/2016 4:45:00 AM	629100.000	12.158	17.652	27.713	1826.290	2124.438	1.445	1.096
547.558	1.000	14.845						
11/23/2016 5:00:00 AM	630000.000	12.164	17.652	27.727	1827.204	2125.530	1.445	1.097
547.284	1.000	14.842						
11/23/2016 5:15:00 AM	630900.000	12.157	17.652	27.709	1829.405	2128.078	1.447	1.098
546.626	1.000	14.852						
11/23/2016 5:30:00 AM	631800.000	12.161	17.652	27.718	1835.177	2134.802	1.452	1.102
544.906	1.000	14.851						
11/23/2016 5:45:00 AM	632700.000	12.160	17.653	27.715	1833.927	2133.272	1.451	1.101
545.278	1.000	14.853						
11/23/2016 6:00:00 AM	633600.000	12.153	17.652	27.701	1838.905	2139.129	1.455	1.104
543.802	1.000	14.863						
11/23/2016 6:15:00 AM	634500.000	12.159	17.650	27.714	1833.476	2132.880	1.450	1.101
545.412	1.000	14.859						
11/23/2016 6:30:00 AM	635400.000	12.167	17.651	27.732	1830.132	2128.948	1.448	1.099
546.409	1.000	14.853						
11/23/2016 6:45:00 AM	636300.000	12.158	17.652	27.711	1834.076	2133.521	1.451	1.101
545.234	1.000	14.865						
11/23/2016 7:00:00 AM	637200.000	12.158	17.650	27.713	1832.208	2131.413	1.449	1.100
545.790	1.000	14.866						
11/23/2016 7:15:00 AM	638100.000	12.160	17.651	27.716	1827.915	2126.369	1.446	1.097
547.071	1.000	14.867						
11/23/2016 7:30:00 AM	639000.000	12.157	17.650	27.709	1827.835	2126.330	1.446	1.097
547.095	1.000	14.872						
11/23/2016 7:45:00 AM	639900.000	12.159	17.652	27.715	1830.463	2129.304	1.448	1.099
546.310	1.000	14.872						
11/23/2016 8:00:00 AM	640800.000	12.155	17.652	27.706	1832.764	2131.986	1.450	1.101
545.624	1.000	14.877						
11/23/2016 8:15:00 AM	641700.000	12.153	17.651	27.701	1830.756	2129.691	1.448	1.099
546.222	1.000	14.884						
11/23/2016 8:30:00 AM	642600.000	12.160	17.652	27.717	1831.404	2130.420	1.449	1.100
546.029	1.000	14.878						
11/23/2016 8:45:00 AM	643500.000	12.155	17.651	27.705	1831.361	2130.399	1.449	1.100
546.042	1.000	14.886						
11/23/2016 9:00:00 AM	644400.000	12.155	17.652	27.706	1832.068	2131.192	1.449	1.100
545.831	1.000	14.887						
11/23/2016 9:15:00 AM	645300.000	12.155	17.651	27.705	1831.733	2130.835	1.449	1.100
545.931	1.000	14.892						
11/23/2016 9:30:00 AM	646200.000	12.155	17.651	27.704	1830.208	2129.066	1.448	1.099
546.386	1.000	14.893						
11/23/2016 9:45:00 AM	647100.000	12.162	17.652	27.722	1829.083	2127.708	1.447	1.098
546.722	1.000	14.888						
11/23/2016 10:00:00 AM	648000.000	12.161	17.651	27.718	1832.852	2132.121	1.450	1.101
545.598	1.000	14.894						
11/23/2016 10:15:00 AM	648900.000	12.151	17.652	27.697	1834.704	2134.258	1.451	1.102
545.047	1.000	14.905						
11/23/2016 10:30:00 AM	649800.000	12.157	17.651	27.710	1836.053	2135.857	1.452	1.103
544.646	1.000	14.900						
11/23/2016 10:45:00 AM	650700.000	12.158	17.653	27.711	1831.720	2130.726	1.449	1.100
545.935	1.000	14.901						
11/23/2016 11:00:00 AM	651600.000	12.165	17.650	27.727	1834.141	2133.670	1.451	1.101
545.214	1.000	14.897						
11/23/2016 11:15:00 AM	652500.000	12.167	17.653	27.732	1835.434	2135.058	1.452	1.102
544.830	1.000	14.896						
11/23/2016 11:30:00 AM	653400.000	12.173	17.651	27.746	1833.289	2132.633	1.450	1.101
545.468	1.000	14.891						
11/23/2016 11:45:00 AM	654300.000	12.175	17.652	27.751	1830.320	2129.137	1.448	1.099
546.353	1.000	14.891						
11/23/2016 12:00:00 PM	655200.000	12.175	17.653	27.750	1829.424	2128.051	1.447	1.098
546.620	1.000	14.890						
11/23/2016 12:15:00 PM	656100.000	12.180	17.652	27.762	1832.047	2131.127	1.449	1.100
545.837	1.000	14.886						
11/23/2016 12:30:00 PM	657000.000	12.183	17.653	27.770	1833.497	2132.801	1.450	1.101
545.406	1.000	14.883						
11/23/2016 12:45:00 PM	657900.000	12.188	17.652	27.781	1837.235	2137.165	1.453	1.103
544.296	1.000	14.878						
11/23/2016 1:00:00 PM	658800.000	12.189	17.652	27.783	1829.655	2128.369	1.447	1.099
546.551	1.000	14.873						
11/23/2016 1:15:00 PM	659700.000	12.186	17.652	27.776	1825.121	2123.112	1.444	1.096
547.909	1.000	14.876						
11/23/2016 1:30:00 PM	660600.000	12.190	17.650	27.784	1825.330	2123.404	1.444	1.096
547.846	1.000	14.871						
11/23/2016 1:45:00 PM	661500.000	12.188	17.652	27.779	1824.769	2122.672	1.443	1.095
548.015	1.000	14.873						
11/23/2016 2:00:00 PM	662400.000	12.181	17.653	27.765	1826.367	2124.511	1.445	1.096
547.535	1.000	14.877						
11/23/2016 2:15:00 PM	663300.000	12.178	17.654	27.757	1827.972	2126.328	1.446	1.097
547.054	1.000	14.879						
11/23/2016 2:30:00 PM	664200.000	12.182	17.654	27.767	1828.846	2127.349	1.447	1.098
546.793	1.000	14.874						
11/23/2016 2:45:00 PM	665100.000	12.186	17.652	27.777	1832.217	2131.345	1.449	1.100
545.787	1.000	14.870						
11/23/2016 3:00:00 PM	666000.000	12.184	17.652	27.770	1834.752	2134.285	1.451	1.102
545.033	1.000	14.872						
11/23/2016 3:15:00 PM	666900.000	12.182	17.653	27.767	1836.647	2136.473	1.453	1.103
544.470	1.000	14.874						
11/23/2016 3:30:00 PM	667800.000	12.181	17.652	27.764	1836.163	2135.923	1.452	1.103
544.614	1.000	14.875						
11/23/2016 3:45:00 PM	668700.000	12.183	17.653	27.769	1841.284	2141.829	1.456	1.106
543.099	1.000	14.872						
11/23/2016 4:00:00 PM	669600.000	12.183	17.652	27.769	1838.834	2139.038	1.455	1.104
543.823	1.000	14.871						
11/23/2016 4:15:00 PM	670500.000	12.180	17.652	27.761	1837.976	2138.057	1.454	1.104
544.077	1.000	14.874						
11/23/2016 4:30:00 PM	671400.000	12.181	17.650	27.764	1835.517	2135.258	1.452	1.102
544.806	1.000	14.874						
11/23/2016 4:45:00 PM	672300.000	12.188	17.651	27.781	1834.038	2133.525	1.451	1.101
545.245	1.000	14.866						
11/23/2016 5:00:00 PM	673200.000	12.178	17.652	27.757	1830.439	2129.284	1.448	1.099
546.317	1.000	14.875						
11/23/2016 5:15:00 PM	674100.000	12.177	17.649	27.754	1829.840	2128.712	1.448	1.099
546.496	1.000	14.877						
11/23/2016 5:30:00 PM	675000.000	12.176	17.653	27.753	1829.523	2128.170	1.447	1.098
546.591	1.000	14.877						
11/23/2016 5:45:00 PM	675900.000	12.174	17.652	27.748	1829.237	2127.874	1.447	1.098
546.676	1.000	14.879						
11/23/2016 6:00:00 PM	676800.000	12.173	17.652	27.747	1828.597	2127.154	1.446	1.098
546.867	1.000	14.882						
11/23/2016 6:15:00 PM	677700.000	12.175	17.653	27.751	1825.813	2123.833	1.444	1.096
547.701	1.000	14.881						
11/23/2016 6:30:00 PM	678600.000	12.169	17.652	27.736	1831.146	2130.106	1.448	1.100
546.106	1.000	14.888						
11/23/2016 6:45:00 PM	679500.000	12.171	17.653	27.742	1828.498	2126.985	1.446	1.098
546.897	1.000	14.886						
11/23/2016 7:00:00 PM	680400.000	12.170	17.652	27.739	1830.340	2129.178	1.448	1.099
546.346	1.000	14.889						
11/23/2016 7:15:00 PM	681300.000	12.173	17.651	27.745	1830.259	2129.092	1.448	1.099
546.371	1.000	14.886						
11/23/2016 7:30:00 PM	682200.000	12.171	17.650	27.741	1833.271	2132.641	1.450	1.101
545.473	1.000	14.891						
11/23/2016 7:45:00 PM	683100.000	12.171	17.652	27.741	1831.920	2130.987	1.449	1.100
545.875	1.000	14.892						
11/23/2016 8:00:00 PM	684000.000	12.172	17.653	27.743	1835.522	2135.160	1.452	1.102
544.804	1.000	14.891						
11/23/2016 8:15:00 PM	684900.000	12.169	17.650	27.737	1832.224	2131.445	1.449	1.100
545.785	1.000	14.896						
11/23/2016 8:30:00 PM	685800.000	12.174	17.652	27.747	1834.720	2134.240	1.451	1.102
545.042	1.000	14.891						
11/23/2016 8:45:00 PM	686700.000	12.171	17.652	27.741	1834.076	2133.490	1.451	1.101

545.234	1.000	14.895						
11/23/2016 9:00:00 PM	687600.000	12.175	17.651	27.751	1833.877	2133.322	1.451	1.101
545.293	1.000	14.892						
11/23/2016 9:15:00 PM	688500.000	12.176	17.654	27.753	1833.718	2132.991	1.450	1.101
545.340	1.000	14.893						
11/23/2016 9:30:00 PM	689400.000	12.171	17.652	27.742	1839.056	2139.292	1.455	1.105
543.757	1.000	14.898						
11/23/2016 9:45:00 PM	690300.000	12.173	17.652	27.745	1833.187	2132.461	1.450	1.101
545.498	1.000	14.899						
11/23/2016 10:00:00 PM	691200.000	12.176	17.651	27.752	1833.298	2132.635	1.450	1.101
545.465	1.000	14.896						
11/23/2016 10:15:00 PM	692100.000	12.171	17.652	27.741	1830.642	2129.508	1.448	1.099
546.256	1.000	14.903						
11/23/2016 10:30:00 PM	693000.000	12.174	17.652	27.749	1832.358	2131.492	1.449	1.100
545.745	1.000	14.900						
11/23/2016 10:45:00 PM	693900.000	12.174	17.652	27.748	1834.936	2134.516	1.451	1.102
544.978	1.000	14.900						
11/23/2016 11:00:00 PM	694800.000	12.171	17.652	27.741	1832.055	2131.148	1.449	1.100
545.835	1.000	14.905						
11/23/2016 11:15:00 PM	695700.000	12.170	17.652	27.740	1832.519	2131.692	1.450	1.100
545.897	1.000	14.907						
11/23/2016 11:30:00 PM	696600.000	12.173	17.651	27.747	1834.172	2133.648	1.451	1.101
545.205	1.000	14.904						
11/23/2016 11:45:00 PM	697500.000	12.170	17.651	27.740	1831.985	2131.134	1.449	1.100
545.856	1.000	14.906						

Report Date: 11/28/2016 8:34:05 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:

File Name: MPWSP MW-8D LT Test_2016-11-24_12-30-01-249-BaroMerge.wsl
Create Date: 11/28/2016 8:32:03 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: KJLinden
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: 0 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: KJLinden
1/21/2016 8:56:16 AM Log Download - Used Battery: 0% Used Memory: 3% User Name: KJLinden
1/28/2016 8:16:30 AM Log Download - Used Battery: 1% Used Memory: 3% User Name: KJLinden
2/4/2016 10:13:13 AM Log Download - Used Battery: 1% Used Memory: 4% User Name: KJLinden
2/11/2016 10:01:09 AM Log Download - Used Battery: 1% Used Memory: 6% User Name: KJLinden
2/18/2016 11:20:41 AM Log Download - Used Battery: 2% Used Memory: 6% User Name: KJLinden
2/25/2016 10:47:51 AM Log Download - Used Battery: 2% Used Memory: 7% User Name: KJLinden
3/2/2016 12:49:53 PM Log Download - Used Battery: 2% Used Memory: 7% User Name: KJLinden
3/10/2016 2:36:57 PM Log Download - Used Battery: 3% Used Memory: 9% User Name: KJLinden
3/17/2016 12:30:02 PM Log Download - Used Battery: 3% Used Memory: 9% User Name: KJLinden
3/24/2016 8:57:31 AM Log Download - Used Battery: 4% Used Memory: 10% User Name: KJLinden
3/31/2016 3:08:14 PM Log Download - Used Battery: 4% Used Memory: 10% User Name: KJLinden
4/7/2016 9:35:01 AM Log Download - Used Battery: 4% Used Memory: 12% User Name: KJLinden
4/14/2016 3:11:46 PM Log Download - Used Battery: 5% Used Memory: 12% User Name: KJLinden
4/21/2016 1:17:44 PM Log Download - Used Battery: 5% Used Memory: 14% User Name: KJLinden
4/28/2016 8:16:35 AM Log Download - Used Battery: 5% Used Memory: 14% User Name: KJLinden
5/5/2016 9:23:19 AM Log Download - Used Battery: 6% Used Memory: 15% User Name: KJLinden
5/12/2016 10:11:09 AM Log Download - Used Battery: 6% Used Memory: 15% User Name: KJLinden
5/19/2016 1:55:18 PM Log Download - Used Battery: 6% Used Memory: 17% User Name: KJLinden
5/26/2016 9:03:15 AM Log Download - Used Battery: 7% Used Memory: 17% User Name: KJLinden
6/2/2016 11:33:27 AM Log Download - Used Battery: 7% Used Memory: 18% User Name: KJLinden
6/9/2016 9:31:51 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: KJLinden
6/16/2016 11:10:03 AM Log Download - Used Battery: 8% Used Memory: 20% User Name: KJLinden
6/23/2016 10:06:21 AM Log Download - Used Battery: 8% Used Memory: 20% User Name: KJLinden
7/1/2016 11:40:47 AM Log Download - Used Battery: 9% Used Memory: 21% User Name: KJLinden
7/8/2016 11:51:05 AM Log Download - Used Battery: 9% Used Memory: 23% User Name: KJLinden
7/14/2016 6:06:44 PM Log Download - Used Battery: 9% Used Memory: 23% User Name: KJLinden
7/21/2016 10:28:35 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: KJLinden
7/21/2016 11:41:45 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: KJLinden
7/21/2016 11:47:48 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: KJLinden
7/28/2016 6:14:41 PM Log Download - Used Battery: 10% Used Memory: 25% User Name: KJLinden
8/4/2016 2:52:58 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: KJLinden
8/11/2016 10:46:08 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: KJLinden
8/18/2016 3:40:08 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: KJLinden
8/25/2016 12:20:32 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: KJLinden
9/1/2016 4:03:09 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: KJLinden
9/8/2016 6:21:54 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: KJLinden
9/15/2016 3:08:12 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: KJLinden
9/22/2016 12:40:49 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: KJLinden
10/1/2016 11:26:38 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: KJLinden
10/6/2016 12:01:25 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KJLinden
10/13/2016 4:23:35 PM Log Download - Used Battery: 14% Used Memory: 34% User Name: KJLinden
10/20/2016 4:47:15 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KJLinden
10/27/2016 12:38:45 PM Log Download - Used Battery: 15% Used Memory: 35% User Name: KJLinden
11/3/2016 3:53:03 PM Log Download - Used Battery: 15% Used Memory: 35% User Name: KJLinden
11/11/2016 8:19:19 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: KJLinden
11/17/2016 3:01:49 PM Log Download - Used Battery: 16% Used Memory: 37% User Name: KJLinden
11/24/2016 12:28:37 PM Log Download - Used Battery: 16% Used Memory: 39% User Name: KJLinden
11/28/2016 8:32:03 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:

Record Count: 825

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: Baro-Adj Calc				
	SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552

Date and Time	Elapsed Time	Corrected Pressure (PSI)	Water Density (g/cm3)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)
11/17/2016 12:00:00 AM	93600.000	1.005	14.771	20.366	298.084	14493.668	15901.123	9.406	10812.765
11/17/2016 12:15:00 AM	94500.000		130.783	20.368	298.095	14497.661	15904.660	9.408	10815.169

68.977	1.005	14.775					
11/17/2016 12:30:00 AM	95400.000	130.795	20.368	298.123	14501.815	15909.423	9.411
68.957	1.005	14.775					
11/17/2016 12:45:00 AM	96300.000	130.806	20.371	298.148	14502.781	15909.349	9.411
68.952	1.005	14.774					
11/17/2016 1:00:00 AM	97200.000	130.814	20.368	298.165	14506.411	15914.349	9.414
68.935	1.005	14.770					
11/17/2016 1:15:00 AM	98100.000	130.819	20.375	298.176	14504.440	15909.945	9.412
68.944	1.005	14.772					
11/17/2016 1:30:00 AM	99000.000	130.840	20.369	298.226	14505.729	15913.189	9.414
68.938	1.005	14.769					
11/17/2016 1:45:00 AM	99900.000	130.840	20.366	298.225	14506.578	15915.201	9.415
68.934	1.005	14.770					
11/17/2016 2:00:00 AM	100800.000	130.853	20.363	298.254	14511.617	15921.660	9.419
68.910	1.005	14.774					
11/17/2016 2:15:00 AM	101700.000	130.854	20.369	298.256	14514.739	15923.253	9.420
68.895	1.005	14.779					
11/17/2016 2:30:00 AM	102600.000	130.870	20.369	298.293	14518.945	15927.633	9.423
68.876	1.005	14.774					
11/17/2016 2:45:00 AM	103500.000	130.883	20.372	298.323	14514.924	15922.349	9.420
68.895	1.005	14.766					
11/17/2016 3:00:00 AM	104400.000	130.881	20.363	298.318	14511.932	15922.064	9.419
68.909	1.005	14.770					
11/17/2016 3:15:00 AM	105300.000	130.884	20.381	298.326	14522.145	15927.443	9.423
68.860	1.005	14.775					
11/17/2016 3:30:00 AM	106200.000	130.882	20.371	298.321	14519.334	15927.535	9.423
68.874	1.005	14.776					
11/17/2016 3:45:00 AM	107100.000	130.898	20.371	298.357	14519.838	15928.232	9.423
68.871	1.005	14.771					
11/17/2016 4:00:00 AM	108000.000	130.895	20.372	298.351	14522.277	15930.328	9.425
68.860	1.005	14.767					
11/17/2016 4:15:00 AM	108900.000	130.890	20.368	298.339	14516.854	15925.921	9.422
68.865	1.005	14.773					
11/17/2016 4:30:00 AM	109800.000	130.902	20.361	298.365	14523.335	15935.362	9.428
68.855	1.005	14.777					
11/17/2016 4:45:00 AM	110700.000	130.903	20.371	298.367	14524.109	15932.891	9.426
68.851	1.005	14.781					
11/17/2016 5:00:00 AM	111600.000	130.911	20.369	298.385	14519.588	15928.538	9.423
68.872	1.005	14.780					
11/17/2016 5:15:00 AM	112500.000	130.911	20.362	298.386	14524.281	15935.849	9.428
68.850	1.005	14.777					
11/17/2016 5:30:00 AM	113400.000	130.919	20.370	298.404	14529.491	15938.967	9.430
68.826	1.005	14.780					
11/17/2016 5:45:00 AM	114300.000	130.909	20.374	298.382	14526.636	15934.437	9.427
68.839	1.005	14.781					
11/17/2016 6:00:00 AM	115200.000	130.921	20.374	298.410	14526.193	15934.010	9.427
68.841	1.005	14.775					
11/17/2016 6:15:00 AM	116100.000	130.916	20.372	298.397	14524.911	15933.478	9.427
68.847	1.005	14.780					
11/17/2016 6:30:00 AM	117000.000	130.926	20.371	298.421	14518.720	15926.978	9.422
68.877	1.005	14.781					
11/17/2016 6:45:00 AM	117900.000	130.923	20.374	298.413	14525.996	15933.941	9.427
68.842	1.005	14.786					
11/17/2016 7:00:00 AM	118800.000	130.915	20.372	298.395	14520.242	15928.121	9.423
68.869	1.005	14.782					
11/17/2016 7:15:00 AM	119700.000	130.917	20.368	298.400	14521.145	15930.395	9.425
68.865	1.005	14.790					
11/17/2016 7:30:00 AM	120600.000	130.928	20.366	298.426	14519.340	15929.112	9.424
68.874	1.005	14.792					
11/17/2016 7:45:00 AM	121500.000	130.942	20.370	298.457	14520.611	15929.226	9.424
68.868	1.005	14.789					
11/17/2016 8:00:00 AM	122400.000	130.946	20.372	298.467	14522.545	15930.709	9.425
68.858	1.005	14.795					
11/17/2016 8:15:00 AM	123300.000	130.935	20.364	298.440	14517.580	15927.826	9.423
68.882	1.005	14.805					
11/17/2016 8:30:00 AM	124200.000	130.939	20.369	298.450	14516.978	15925.502	9.422
68.885	1.005	14.801					
11/17/2016 8:45:00 AM	125100.000	130.967	20.370	298.514	14520.300	15928.798	9.424
68.869	1.005	14.790					
11/17/2016 9:00:00 AM	126000.000	130.966	20.371	298.513	14520.717	15929.079	9.424
68.867	1.005	14.794					
11/17/2016 9:15:00 AM	126900.000	130.959	20.373	298.496	14520.433	15928.067	9.423
68.868	1.005	14.803					
11/17/2016 9:30:00 AM	127800.000	130.979	20.371	298.543	14517.865	15925.837	9.422
68.881	1.005	14.793					
11/17/2016 9:45:00 AM	128700.000	130.987	20.371	298.560	14514.002	15921.858	9.419
68.899	1.005	14.791					
11/17/2016 10:00:00 AM	129600.000	130.992	20.373	298.572	14519.147	15926.775	9.422
68.875	1.005	14.789					
11/17/2016 10:15:00 AM	130500.000	130.994	20.366	298.575	14516.779	15926.393	9.422
68.886	1.005	14.788					
11/17/2016 10:30:00 AM	131400.000	131.015	20.367	298.623	14515.235	15924.495	9.421
68.893	1.005	14.786					
11/17/2016 10:45:00 AM	132300.000	131.009	20.371	298.609	14519.431	15927.613	9.423
68.873	1.005	14.791					
11/17/2016 11:00:00 AM	133200.000	131.023	20.366	298.641	14516.050	15925.737	9.422
68.869	1.005	14.791					
11/17/2016 11:15:00 AM	134100.000	131.034	20.371	298.666	14523.376	15932.056	9.426
68.855	1.005	14.788					
11/17/2016 11:30:00 AM	135000.000	131.028	20.369	298.653	14515.813	15924.342	9.421
68.890	1.005	14.785					
11/17/2016 11:45:00 AM	135900.000	131.043	20.372	298.687	14520.194	15928.044	9.423
68.870	1.005	14.783					
11/17/2016 12:00:00 PM	136800.000	131.051	20.374	298.706	14519.777	15927.000	9.423
68.872	1.005	14.781					
11/17/2016 12:15:00 PM	137700.000	131.056	20.371	298.717	14522.372	15931.041	9.425
68.859	1.005	14.770					
11/17/2016 12:30:00 PM	138600.000	131.056	20.373	298.717	14518.105	15925.515	9.422
68.880	1.005	14.770					
11/17/2016 12:45:00 PM	139500.000	131.061	20.366	298.728	14512.607	15921.698	9.419
68.906	1.005	14.775					
11/17/2016 1:00:00 PM	140400.000	131.066	20.361	298.741	14512.281	15923.266	9.420
68.907	1.005	14.769					
11/17/2016 1:15:00 PM	141300.000	131.079	20.369	298.769	14512.948	15921.138	9.419
68.904	1.005	14.759					
11/17/2016 1:30:00 PM	142200.000	131.065	20.370	298.737	14511.633	15919.494	9.418
68.910	1.005	14.764					
11/17/2016 1:45:00 PM	143100.000	131.068	20.364	298.745	14511.792	15921.476	9.419
68.909	1.005	14.758					
11/17/2016 2:00:00 PM	144000.000	131.062	20.370	298.731	14507.347	15914.588	9.415
68.931	1.005	14.763					
11/17/2016 2:15:00 PM	144900.000	131.063	20.365	298.732	14510.219	15919.516	9.418
68.917	1.005	14.763					
11/17/2016 2:30:00 PM	145800.000	131.061	20.369	298.728	14505.263	15912.796	9.413
68.940	1.005	14.752					
11/17/2016 2:45:00 PM	146700.000	131.056	20.371	298.717	14509.496	15916.598	9.416
68.920	1.005	14.752					
11/17/2016 3:00:00 PM	147600.000	131.046	20.373	298.694	14508.360	15914.769	9.415
68.926	1.005	14.756					
11/17/2016 3:15:00 PM	148500.000	131.041	20.372	298.683	14516.844	15924.569	9.421
68.885	1.005	14.749					
11/17/2016 3:30:00 PM	149400.000	131.026	20.371	298.649	14509.452	15916.867	9.416
68.921	1.005	14.751					
11/17/2016 3:45:00 PM	150300.000	131.009	20.365	298.609	14504.638	15913.272	9.414
68.943	1.005	14.761					
11/17/2016 4:00:00 PM	151200.000	131.001	20.369	298.592	14500.183	15907.195	9.410
68.965	1.005	14.756					
11/17/2016 4:15:00 PM	152100.000	130.986	20.366	298.558	14505.849	15914.518	9.414
68.938	1.005	14.750					
11/17/2016 4:30:00 PM	153000.000	130.984	20.367	298.552	14500.831	15908.691	9.411
68.962	1.005	14.748					
11/17/2016 4:45:00 PM	153900.000	130.960	20.366	298.499	14501.441	15909.682	9.411
68.959	1.005	14.747					

10818.408

10818.357

10821.757

10818.763

10820.970

10822.337

10826.729

10827.813

10830.790

10827.198

10827.005

10830.662

10830.724

10831.198

10832.623

10829.626

10836.047

10834.367

10831.406

10836.377

1083

11/17/2016 5:00:00 PM	154800.000	130.948	20.367	298.471	14499.196	15906.870	9.410	10816.672
68.969	1.005	14.751						
11/17/2016 5:15:00 PM	155700.000	130.911	20.368	298.388	14500.935	15908.485	9.411	10817.771
68.961	1.005	14.755						
11/17/2016 5:30:00 PM	156600.000	130.905	20.360	298.373	14497.542	15907.410	9.410	10817.039
68.977	1.005	14.754						
11/17/2016 5:45:00 PM	157500.000	130.881	20.363	298.318	14492.409	15900.617	9.406	10812.421
69.002	1.005	14.754						
11/17/2016 6:00:00 PM	158400.000	130.874	20.366	298.302	14498.487	15906.353	9.409	10816.320
68.973	1.005	14.749						
11/17/2016 6:15:00 PM	159300.000	130.848	20.364	298.244	14495.111	15903.406	9.407	10814.316
68.989	1.005	14.757						
11/17/2016 6:30:00 PM	160200.000	130.824	20.362	298.188	14494.324	15902.949	9.407	10814.007
68.993	1.005	14.756						
11/17/2016 6:45:00 PM	161100.000	130.802	20.367	298.139	14487.141	15893.645	9.401	10807.679
69.027	1.005	14.760						
11/17/2016 7:00:00 PM	162000.000	130.789	20.364	298.108	14489.193	15896.971	9.403	10809.941
69.017	1.005	14.758						
11/17/2016 7:15:00 PM	162900.000	130.775	20.363	298.076	14488.293	15896.039	9.403	10809.307
69.021	1.005	14.756						
11/17/2016 7:30:00 PM	163800.000	130.759	20.372	298.040	14493.112	15898.536	9.404	10811.006
68.998	1.005	14.754						
11/17/2016 7:45:00 PM	164700.000	130.738	20.368	297.991	14485.292	15891.238	9.400	10806.043
69.036	1.005	14.763						
11/17/2016 8:00:00 PM	165600.000	130.725	20.363	297.962	14484.158	15891.592	9.400	10806.283
69.041	1.005	14.760						
11/17/2016 8:15:00 PM	166500.000	130.713	20.361	297.936	14484.849	15892.931	9.401	10807.193
69.038	1.005	14.746						
11/17/2016 8:30:00 PM	167400.000	130.684	20.367	297.869	14484.561	15890.899	9.399	10805.812
69.039	1.005	14.758						
11/17/2016 8:45:00 PM	168300.000	130.680	20.369	297.861	14483.575	15888.950	9.398	10804.487
69.044	1.005	14.755						
11/17/2016 9:00:00 PM	169200.000	130.667	20.367	297.830	14484.222	15890.470	9.399	10805.521
69.041	1.005	14.758						
11/17/2016 9:15:00 PM	170100.000	130.660	20.367	297.814	14479.768	15885.325	9.396	10802.022
69.062	1.005	14.757						
11/17/2016 9:30:00 PM	171000.000	130.648	20.375	297.786	14482.468	15885.815	9.396	10802.354
69.049	1.005	14.753						
11/17/2016 9:45:00 PM	171900.000	130.645	20.370	297.781	14482.413	15887.295	9.397	10803.361
69.049	1.005	14.752						
11/17/2016 10:00:00 PM	172800.000	130.629	20.371	297.744	14483.246	15887.802	9.397	10803.705
69.045	1.005	14.754						
11/17/2016 10:15:00 PM	173700.000	130.616	20.364	297.714	14479.853	15886.462	9.396	10802.795
69.061	1.005	14.760						
11/17/2016 10:30:00 PM	174600.000	130.635	20.369	297.757	14484.860	15890.360	9.399	10805.445
69.038	1.005	14.757						
11/17/2016 10:45:00 PM	175500.000	130.622	20.371	297.728	14484.276	15889.021	9.398	10804.536
69.040	1.005	14.754						
11/17/2016 11:00:00 PM	176400.000	130.629	20.370	297.744	14484.624	15889.809	9.399	10805.071
69.039	1.005	14.754						
11/17/2016 11:15:00 PM	177300.000	130.622	20.370	297.728	14486.396	15891.664	9.400	10806.333
69.030	1.005	14.754						
11/17/2016 11:30:00 PM	178200.000	130.616	20.365	297.715	14488.902	15896.273	9.403	10809.467
69.018	1.005	14.756						
11/17/2016 11:45:00 PM	179100.000	130.623	20.369	297.729	14487.569	15893.478	9.401	10807.564
69.025	1.005	14.753						
11/18/2016 12:00:00 AM	180000.000	130.629	20.370	297.744	14493.761	15899.888	9.405	10811.924
68.995	1.005	14.756						
11/18/2016 12:15:00 AM	180900.000	130.636	20.366	297.760	14490.796	15897.769	9.404	10810.483
69.009	1.005	14.754						
11/18/2016 12:30:00 AM	181800.000	130.642	20.370	297.773	14497.351	15903.826	9.408	10814.602
68.978	1.005	14.750						
11/18/2016 12:45:00 AM	182700.000	130.647	20.363	297.785	14497.559	15906.323	9.409	10816.301
68.977	1.005	14.750						
11/18/2016 1:00:00 AM	183600.000	130.651	20.371	297.793	14499.351	15905.786	9.409	10815.936
68.969	1.005	14.746						
11/18/2016 1:15:00 AM	184500.000	130.657	20.371	297.808	14497.969	15904.069	9.408	10814.768
68.975	1.005	14.745						
11/18/2016 1:30:00 AM	185400.000	130.679	20.369	297.857	14504.479	15912.055	9.413	10820.198
68.944	1.005	14.742						
11/18/2016 1:45:00 AM	186300.000	130.678	20.362	297.854	14501.354	15910.839	9.412	10819.370
68.959	1.005	14.747						
11/18/2016 2:00:00 AM	187200.000	130.686	20.369	297.874	14512.036	15920.227	9.418	10825.754
68.908	1.005	14.746						
11/18/2016 2:15:00 AM	188100.000	130.693	20.364	297.890	14516.174	15926.312	9.422	10829.893
68.889	1.005	14.747						
11/18/2016 2:30:00 AM	189000.000	130.702	20.367	297.911	14514.474	15923.688	9.420	10828.107
68.897	1.005	14.746						
11/18/2016 2:45:00 AM	189900.000	130.718	20.365	297.946	14518.783	15928.912	9.424	10831.660
68.876	1.005	14.740						
11/18/2016 3:00:00 AM	190800.000	130.719	20.370	297.949	14520.850	15929.400	9.424	10831.993
68.866	1.005	14.742						
11/18/2016 3:15:00 AM	191700.000	130.730	20.363	297.975	14523.171	15934.511	9.427	10835.469
68.855	1.005	14.747						
11/18/2016 3:30:00 AM	192600.000	130.733	20.366	297.980	14530.244	15941.047	9.431	10839.912
68.822	1.005	14.750						
11/18/2016 3:45:00 AM	193500.000	130.751	20.369	298.021	14529.504	15939.300	9.430	10838.725
68.825	1.005	14.740						
11/18/2016 4:00:00 AM	194400.000	130.748	20.368	298.016	14529.239	15939.479	9.430	10838.847
68.827	1.005	14.743						
11/18/2016 4:15:00 AM	195300.000	130.743	20.369	298.004	14527.685	15937.248	9.429	10837.330
68.834	1.005	14.750						
11/18/2016 4:30:00 AM	196200.000	130.756	20.370	298.033	14530.160	15939.875	9.431	10839.116
68.822	1.005	14.749						
11/18/2016 4:45:00 AM	197100.000	130.758	20.368	298.039	14534.950	15945.833	9.435	10843.167
68.800	1.005	14.747						
11/18/2016 5:00:00 AM	198000.000	130.769	20.371	298.064	14534.193	15943.748	9.433	10841.749
68.803	1.005	14.740						
11/18/2016 5:15:00 AM	198900.000	130.766	20.372	298.057	14535.503	15944.803	9.434	10842.467
68.797	1.005	14.743						
11/18/2016 5:30:00 AM	199800.000	130.778	20.364	298.085	14534.490	15946.438	9.435	10843.577
68.802	1.005	14.742						
11/18/2016 5:45:00 AM	200700.000	130.780	20.367	298.088	14539.678	15951.311	9.438	10846.893
68.777	1.005	14.740						
11/18/2016 6:00:00 AM	201600.000	130.785	20.373	298.100	14537.766	15947.257	9.435	10844.136
68.786	1.005	14.739						
11/18/2016 6:15:00 AM	202500.000	130.776	20.374	298.079	14543.499	15953.197	9.439	10848.174
68.759	1.005	14.739						
11/18/2016 6:30:00 AM	203400.000	130.781	20.372	298.090	14542.972	15953.083	9.439	10848.097
68.762	1.005	14.741						
11/18/2016 6:45:00 AM	204300.000	130.797	20.366	298.128	14536.116	15947.636	9.436	10844.393
68.794	1.005	14.740						
11/18/2016 7:00:00 AM	205200.000	130.779	20.369	298.087	14537.173	15947.895	9.436	10844.569
68.789	1.005	14.745						
11/18/2016 7:15:00 AM	206100.000	130.783	20.370	298.095	14537.393	15947.608	9.436	10844.375
68.788	1.005	14.748						
11/18/2016 7:30:00 AM	207000.000	130.824	20.366	298.187	14541.577	15953.509	9.439	10848.386
68.768	1.005	14.749						
11/18/2016 7:45:00 AM	207900.000	130.794	20.375	298.120	14543.125	15952.379	9.439	10847.619
68.761	1.005	14.748						
11/18/2016 8:00:00 AM	208800.000	130.800	20.367	298.135	14541.174	15952.923	9.439	10847.988
68.770	1.005	14.752						
11/18/2016 8:15:00 AM	209700.000	130.800	20.368	298.133	14541.012	15952.452	9.439	10847.669
68.771	1.005	14.757						
11/18/2016 8:30:00 AM	210600.000	130.817	20.367	298.171	14536.169	15947.519	9.436	10844.313
68.794	1.005	14.757						
11/18/2016 8:45:00 AM	211500.000	130.820	20.371	298.178	14541.978	15952.347	9.439	10847.596
68.766	1.005	14.758						
11/18/2016 9:00:00 AM	212400.000	130.823	20.369	298.186	14542.122	15953.086	9.439	10848.099
68.766	1.005	14.756						
11/18/2016 9:15:								

68.799	1.005	14.757						
11/18/2016 9:45:00 AM	215100.000	130.842	20.368	298.229	14545.149	15956.991	9.442	10850.755
68.751	1.005	14.759						
11/18/2016 10:00:00 AM	216000.000	130.849	20.374	298.245	14541.732	15951.173	9.438	10846.798
68.768	1.005	14.752						
11/18/2016 10:15:00 AM	216900.000	130.861	20.369	298.272	14539.407	15950.136	9.437	10846.093
68.779	1.005	14.759						
11/18/2016 10:30:00 AM	217800.000	130.863	20.371	298.277	14543.090	15953.622	9.440	10848.463
68.761	1.005	14.750						
11/18/2016 10:45:00 AM	218700.000	130.888	20.364	298.333	14540.015	15952.499	9.439	10847.700
68.776	1.005	14.755						
11/18/2016 11:00:00 AM	219600.000	130.882	20.365	298.321	14535.876	15947.781	9.436	10844.492
68.795	1.005	14.750						
11/18/2016 11:15:00 AM	220500.000	130.893	20.370	298.345	14534.674	15944.799	9.434	10842.464
68.801	1.005	14.752						
11/18/2016 11:30:00 AM	221400.000	130.900	20.367	298.361	14538.519	15949.834	9.437	10845.888
68.783	1.005	14.741						
11/18/2016 11:45:00 AM	222300.000	130.900	20.368	298.362	14538.832	15949.944	9.437	10845.963
68.781	1.005	14.746						
11/18/2016 12:00:00 PM	223200.000	130.900	20.367	298.362	14543.961	15955.833	9.441	10849.967
68.757	1.005	14.740						
11/18/2016 12:15:00 PM	224100.000	130.925	20.371	298.419	14536.812	15946.590	9.435	10843.683
68.791	1.005	14.740						
11/18/2016 12:30:00 PM	225000.000	130.927	20.368	298.423	14540.364	15951.625	9.438	10847.106
68.774	1.005	14.732						
11/18/2016 12:45:00 PM	225900.000	130.932	20.365	298.435	14538.364	15950.274	9.437	10846.187
68.784	1.005	14.728						
11/18/2016 1:00:00 PM	226800.000	130.953	20.372	298.482	14535.394	15944.948	9.434	10842.564
68.798	1.005	14.720						
11/18/2016 1:15:00 PM	227700.000	130.962	20.368	298.503	14534.976	15945.686	9.434	10843.067
68.800	1.005	14.716						
11/18/2016 1:30:00 PM	228600.000	130.955	20.375	298.486	14535.868	15944.215	9.434	10842.066
68.795	1.005	14.715						
11/18/2016 1:45:00 PM	229500.000	130.967	20.372	298.514	14536.912	15946.527	9.435	10843.640
68.790	1.005	14.715						
11/18/2016 2:00:00 PM	230400.000	130.965	20.368	298.509	14530.320	15940.695	9.431	10839.673
68.822	1.005	14.715						
11/18/2016 2:15:00 PM	231300.000	130.970	20.373	298.522	14532.888	15941.876	9.432	10840.476
68.809	1.005	14.708						
11/18/2016 2:30:00 PM	232200.000	130.979	20.375	298.542	14532.633	15940.812	9.431	10839.752
68.811	1.005	14.702						
11/18/2016 2:45:00 PM	233100.000	130.984	20.365	298.554	14533.267	15944.947	9.434	10842.564
68.808	1.005	14.699						
11/18/2016 3:00:00 PM	234000.000	130.992	20.362	298.572	14529.854	15942.047	9.432	10840.593
68.824	1.005	14.700						
11/18/2016 3:15:00 PM	234900.000	130.982	20.360	298.549	14529.149	15941.829	9.432	10840.444
68.827	1.005	14.701						
11/18/2016 3:30:00 PM	235800.000	130.996	20.369	298.579	14530.118	15940.211	9.431	10839.344
68.823	1.005	14.698						
11/18/2016 3:45:00 PM	236700.000	130.987	20.360	298.561	14521.646	15933.917	9.427	10835.063
68.863	1.005	14.701						
11/18/2016 4:00:00 PM	237600.000	130.991	20.364	298.568	14523.379	15934.390	9.427	10835.386
68.854	1.005	14.698						
11/18/2016 4:15:00 PM	238500.000	130.979	20.372	298.542	14526.374	15934.909	9.428	10835.739
68.840	1.005	14.708						
11/18/2016 4:30:00 PM	239400.000	130.966	20.369	298.512	14522.890	15931.987	9.426	10833.753
68.857	1.005	14.710						
11/18/2016 4:45:00 PM	240300.000	130.970	20.371	298.520	14524.749	15933.503	9.427	10834.782
68.848	1.005	14.712						
11/18/2016 5:00:00 PM	241200.000	130.959	20.365	298.496	14523.089	15933.516	9.427	10834.791
68.856	1.005	14.707						
11/18/2016 5:15:00 PM	242100.000	130.967	20.360	298.513	14522.628	15934.763	9.427	10835.639
68.858	1.005	14.708						
11/18/2016 5:30:00 PM	243000.000	130.951	20.368	298.477	14519.267	15928.597	9.423	10831.446
68.874	1.005	14.714						
11/18/2016 5:45:00 PM	243900.000	130.945	20.362	298.465	14519.999	15931.262	9.425	10833.259
68.871	1.005	14.711						
11/18/2016 6:00:00 PM	244800.000	130.934	20.358	298.440	14518.448	15930.757	9.425	10832.915
68.878	1.005	14.712						
11/18/2016 6:15:00 PM	245700.000	130.923	20.361	298.413	14518.936	15930.594	9.425	10832.805
68.876	1.005	14.718						
11/18/2016 6:30:00 PM	246600.000	130.910	20.368	298.384	14518.939	15928.209	9.423	10831.184
68.876	1.005	14.720						
11/18/2016 6:45:00 PM	247500.000	130.904	20.367	298.371	14520.329	15929.907	9.424	10832.337
68.869	1.005	14.714						
11/18/2016 7:00:00 PM	248400.000	130.893	20.368	298.346	14520.082	15929.290	9.424	10831.918
68.870	1.005	14.719						
11/18/2016 7:15:00 PM	249300.000	130.881	20.366	298.317	14512.450	15921.554	9.419	10826.656
68.906	1.005	14.718						
11/18/2016 7:30:00 PM	250200.000	130.873	20.369	298.300	14512.150	15920.499	9.418	10825.940
68.908	1.005	14.716						
11/18/2016 7:45:00 PM	251100.000	130.859	20.373	298.267	14513.375	15920.270	9.418	10825.784
68.902	1.005	14.719						
11/18/2016 8:00:00 PM	252000.000	130.848	20.371	298.244	14507.083	15914.152	9.414	10821.625
68.932	1.005	14.720						
11/18/2016 8:15:00 PM	252900.000	130.838	20.363	298.220	14501.541	15910.574	9.412	10819.191
68.958	1.005	14.718						
11/18/2016 8:30:00 PM	253800.000	130.832	20.367	298.207	14504.140	15912.174	9.413	10820.279
68.946	1.005	14.723						
11/18/2016 8:45:00 PM	254700.000	130.833	20.363	298.208	14504.021	15913.267	9.414	10821.022
68.946	1.005	14.719						
11/18/2016 9:00:00 PM	255600.000	130.810	20.369	298.157	14503.334	15910.771	9.412	10819.325
68.950	1.005	14.726						
11/18/2016 9:15:00 PM	256500.000	130.804	20.364	298.142	14506.049	15915.233	9.415	10822.359
68.937	1.005	14.726						
11/18/2016 9:30:00 PM	257400.000	130.794	20.367	298.120	14498.157	15905.786	9.409	10815.936
68.974	1.005	14.726						
11/18/2016 9:45:00 PM	258300.000	130.792	20.366	298.116	14499.162	15907.237	9.410	10816.922
68.970	1.005	14.727						
11/18/2016 10:00:00 PM	259200.000	130.784	20.369	298.096	14499.985	15907.153	9.410	10816.865
68.966	1.005	14.730						
11/18/2016 10:15:00 PM	260100.000	130.765	20.367	298.054	14499.114	15906.722	9.409	10816.572
68.970	1.005	14.733						
11/18/2016 10:30:00 PM	261000.000	130.784	20.363	298.097	14493.383	15901.654	9.406	10813.126
68.997	1.005	14.726						
11/18/2016 10:45:00 PM	261900.000	130.772	20.370	298.069	14499.706	15906.266	9.409	10816.262
68.967	1.005	14.731						
11/18/2016 11:00:00 PM	262800.000	130.791	20.366	298.112	14497.849	15905.506	9.409	10815.744
68.976	1.005	14.719						
11/18/2016 11:15:00 PM	263700.000	130.784	20.369	298.097	14493.685	15899.949	9.405	10811.966
68.996	1.005	14.725						
11/18/2016 11:30:00 PM	264600.000	130.779	20.367	298.085	14497.971	15905.350	9.409	10815.639
68.975	1.005	14.731						
11/18/2016 11:45:00 PM	265500.000	130.783	20.369	298.118	14495.411	15902.016	9.406	10813.372
68.987	1.005	14.722						
11/19/2016 12:00:00 AM	266400.000	130.793	20.373	298.118	14494.968	15899.989	9.405	10811.993
68.989	1.005	14.735						
11/19/2016 12:15:00 AM	267300.000	130.797	20.370	298.128	14488.557	15894.062	9.401	10807.963
69.020	1.005	14.728						
11/19/2016 12:30:00 AM	268200.000	130.800	20.377	298.133	14493.871	15897.536	9.404	10810.324
68.995	1.005	14.725						
11/19/2016 12:45:00 AM	269100.000	130.820	20.375	298.179	14495.175	15899.724	9.405	10811.813
68.988	1.005	14.726						
11/19/2016 1:00:00 AM	270000.000	130.819	20.371	298.176	14493.338	15898.962	9.405	10811.295
68.997	1.005	14.728						
11/19/2016 1:15:00 AM	270900.000	130.832	20.374	298.207	14497.031	15902.049	9.407	10813.394
68.980	1.005	14.724						
11/19/2016 1:30:00 AM	271800.000	130.842	20.369	298.229	14501.876	15909.081	9.411	10818.176
68.957	1.005	14.722			</			

11/19/2016 2:15:00 AM	274500.000	130.863	20.369	298.277	14501.920	15908.983	9.411	10818.108
68.956	1.005	14.722						
11/19/2016 2:30:00 AM	275400.000	130.878	20.369	298.310	14494.051	15900.588	9.406	10812.399
68.994	1.005	14.718						
11/19/2016 2:45:00 AM	276300.000	130.881	20.372	298.319	14503.573	15909.864	9.412	10818.708
68.949	1.005	14.717						
11/19/2016 3:00:00 AM	277200.000	130.889	20.364	298.336	14502.943	15911.969	9.413	10820.139
68.952	1.005	14.722						
11/19/2016 3:15:00 AM	278100.000	130.894	20.371	298.348	14503.484	15910.092	9.412	10818.863
68.949	1.005	14.716						
11/19/2016 3:30:00 AM	279000.000	130.902	20.375	298.365	14508.164	15914.002	9.414	10821.521
68.927	1.005	14.724						
11/19/2016 3:45:00 AM	279900.000	130.912	20.371	298.388	14507.519	15914.428	9.414	10821.811
68.930	1.005	14.716						
11/19/2016 4:00:00 AM	280800.000	130.931	20.373	298.433	14509.327	15915.741	9.415	10822.704
68.921	1.005	14.714						
11/19/2016 4:15:00 AM	281700.000	130.952	20.374	298.480	14510.323	15916.806	9.416	10823.428
68.916	1.005	14.709						
11/19/2016 4:30:00 AM	282600.000	130.950	20.372	298.476	14510.634	15917.556	9.416	10823.938
68.915	1.005	14.713						
11/19/2016 4:45:00 AM	283500.000	130.950	20.367	298.476	14505.087	15913.274	9.414	10821.026
68.941	1.005	14.714						
11/19/2016 5:00:00 AM	284400.000	130.968	20.373	298.517	14514.582	15921.681	9.419	10826.744
68.896	1.005	14.709						
11/19/2016 5:15:00 AM	285300.000	130.966	20.369	298.513	14513.934	15922.369	9.420	10827.211
68.899	1.005	14.716						
11/19/2016 5:30:00 AM	286200.000	130.985	20.379	298.555	14516.836	15922.290	9.420	10827.158
68.886	1.005	14.711						
11/19/2016 5:45:00 AM	287100.000	131.017	20.368	298.627	14511.935	15920.524	9.418	10825.957
68.909	1.005	14.707						
11/19/2016 6:00:00 AM	288000.000	130.988	20.371	298.562	14510.252	15917.629	9.416	10823.988
68.917	1.005	14.705						
11/19/2016 6:15:00 AM	288900.000	130.994	20.372	298.576	14511.716	15918.796	9.417	10824.781
68.910	1.005	14.706						
11/19/2016 6:30:00 AM	289800.000	131.003	20.370	298.596	14514.458	15922.476	9.420	10827.284
68.897	1.005	14.704						
11/19/2016 6:45:00 AM	290700.000	130.997	20.370	298.582	14516.253	15924.358	9.421	10828.563
68.888	1.005	14.713						
11/19/2016 7:00:00 AM	291600.000	130.997	20.369	298.583	14514.828	15923.200	9.420	10827.777
68.895	1.005	14.708						
11/19/2016 7:15:00 AM	292500.000	131.004	20.369	298.600	14516.573	15925.150	9.421	10829.104
68.887	1.005	14.708						
11/19/2016 7:30:00 AM	293400.000	131.004	20.383	298.599	14516.303	15920.366	9.418	10825.851
68.888	1.005	14.703						
11/19/2016 7:45:00 AM	294300.000	131.014	20.378	298.622	14512.949	15918.317	9.417	10824.456
68.904	1.005	14.710						
11/19/2016 8:00:00 AM	295200.000	131.009	20.371	298.611	14516.734	15924.627	9.421	10828.747
68.886	1.005	14.708						
11/19/2016 8:15:00 AM	296100.000	131.007	20.371	298.606	14511.812	15919.227	9.418	10825.075
68.909	1.005	14.709	20.367	298.625	14510.004	15918.607	9.417	10824.653
11/19/2016 8:30:00 AM	297000.000	131.015	20.371	298.634	14511.604	15919.173	9.417	10825.039
68.918	1.005	14.705						
11/19/2016 8:45:00 AM	297900.000	131.019	20.371	298.634	14511.604	15919.173	9.417	10825.039
68.910	1.005	14.707						
11/19/2016 9:00:00 AM	298800.000	131.024	20.367	298.644	14505.321	15913.442	9.414	10821.142
68.940	1.005	14.709						
11/19/2016 9:15:00 AM	299700.000	131.009	20.371	298.609	14507.492	15914.488	9.414	10821.853
68.930	1.005	14.716						
11/19/2016 9:30:00 AM	300600.000	131.018	20.366	298.629	14503.082	15911.337	9.412	10819.710
68.951	1.005	14.714						
11/19/2016 9:45:00 AM	301500.000	131.032	20.364	298.661	14505.305	15914.445	9.414	10821.824
68.940	1.005	14.710						
11/19/2016 10:00:00 AM	302400.000	131.020	20.365	298.635	14502.434	15910.946	9.412	10819.443
68.954	1.005	14.712	20.367	298.668	14498.325	15905.712	9.409	10815.885
11/19/2016 10:15:00 AM	303300.000	131.034						
68.973	1.005	14.706						
11/19/2016 10:30:00 AM	304200.000	131.041	20.368	298.682	14503.017	15910.741	9.412	10819.305
68.951	1.005	14.710						
11/19/2016 10:45:00 AM	305100.000	131.034	20.364	298.667	14499.741	15908.428	9.411	10817.731
68.967	1.005	14.711						
11/19/2016 11:00:00 AM	306000.000	131.036	20.370	298.671	14502.031	15908.844	9.411	10818.014
68.956	1.005	14.714						
11/19/2016 11:15:00 AM	306900.000	131.053	20.369	298.710	14503.420	15910.601	9.412	10819.209
68.949	1.005	14.709						
11/19/2016 11:30:00 AM	307800.000	131.055	20.376	298.715	14502.087	15906.870	9.410	10816.672
68.956	1.005	14.709						
11/19/2016 11:45:00 AM	308700.000	131.055	20.370	298.715	14500.063	15906.598	9.409	10816.487
68.965	1.005	14.713						
11/19/2016 12:00:00 PM	309600.000	131.065	20.370	298.738	14498.132	15904.479	9.408	10815.046
68.974	1.005	14.702						
11/19/2016 12:15:00 PM	310500.000	131.075	20.367	298.760	14502.353	15910.274	9.412	10818.987
68.954	1.005	14.702						
11/19/2016 12:30:00 PM	311400.000	131.072	20.369	298.753	14492.747	15899.157	9.405	10811.427
69.000	1.005	14.704						
11/19/2016 12:45:00 PM	312300.000	131.080	20.369	298.771	14499.379	15906.196	9.409	10816.215
68.968	1.005	14.704						
11/19/2016 1:00:00 PM	313200.000	131.075	20.373	298.760	14500.354	15906.102	9.409	10816.149
68.964	1.005	14.710						
11/19/2016 1:15:00 PM	314100.000	131.097	20.366	298.810	14492.944	15900.243	9.405	10812.165
68.999	1.005	14.697						
11/19/2016 1:30:00 PM	315000.000	131.096	20.369	298.809	14490.769	15896.923	9.403	10809.908
69.009	1.005	14.699						
11/19/2016 1:45:00 PM	315900.000	131.099	20.366	298.814	14490.468	15897.699	9.404	10810.437
69.011	1.005	14.699						
11/19/2016 2:00:00 PM	316800.000	131.117	20.370	298.855	14492.897	15898.823	9.404	10811.201
68.999	1.005	14.696						
11/19/2016 2:15:00 PM	317700.000	131.147	20.370	298.925	14491.050	15896.738	9.403	10809.783
69.008	1.005	14.700						
11/19/2016 2:30:00 PM	318600.000	131.124	20.367	298.872	14490.665	15897.363	9.403	10810.207
69.010	1.005	14.698						
11/19/2016 2:45:00 PM	319500.000	131.160	20.373	298.955	14493.093	15898.223	9.404	10810.793
68.988	1.005	14.694						
11/19/2016 3:00:00 PM	320400.000	131.130	20.373	298.886	14482.816	15886.950	9.397	10803.126
69.047	1.005	14.699						
11/19/2016 3:15:00 PM	321300.000	131.133	20.361	298.893	14484.034	15892.211	9.400	10806.703
69.042	1.005	14.698						
11/19/2016 3:30:00 PM	322200.000	131.138	20.366	298.903	14485.479	15892.140	9.400	10806.656
69.035	1.005	14.699						
11/19/2016 3:45:00 PM	323100.000	131.137	20.365	298.901	14481.878	15888.566	9.398	10804.226
69.052	1.005	14.699						
11/19/2016 4:00:00 PM	324000.000	131.128	20.364	298.881	14477.090	15883.634	9.395	10800.872
69.075	1.005	14.702						
11/19/2016 4:15:00 PM	324900.000	131.133	20.373	298.892	14479.957	15883.844	9.395	10801.014
69.061	1.005	14.700						
11/19/2016 4:30:00 PM	325800.000	131.137	20.367	298.901	14481.315	15887.022	9.397	10803.176
69.054	1.005	14.696						
11/19/2016 4:45:00 PM	326700.000	131.130	20.369	298.887	14477.961	15882.791	9.394	10800.299
69.071	1.005	14.694						
11/19/2016 5:00:00 PM	327600.000	131.131	20.361	298.888	14477.750	15885.315	9.396	10802.016
69.072	1.005	14.698						
11/19/2016 5:15:00 PM	328500.000	131.121	20.369	298.865	14478.941	15884.067	9.395	10801.167
69.066	1.005	14.693						
11/19/2016 5:30:00 PM	329400.000	131.108	20.362	298.835	14475.144	15882.136	9.394	10799.854
69.084	1.005	14.696						
11/19/2016 5:45:00 PM	330300.000	131.104	20.368	298.827	14474.126	15879.074	9.392	10797.771
69.089	1.005	14.700						
11/19/2016 6:00:00 PM	331200.000	131.101	20.367	298.819	14476.543	15882.018	9.394	10799.773
69.077	1.005	14.699						
11/19/2016 6:15:00 PM	332100.000	131.089	20.371	298.793	14473.672	15877.327	9.391	10796.583
69.091	1.005	14.7						

69.099	1.005	14.706					
11/19/2016 7:00:00 PM	334800.000	131.055	20.365	298.714	14464.155	15869.038	9.385
69.136	1.005	14.705					
11/19/2016 7:15:00 PM	335700.000	131.046	20.369	298.694	14466.890	15870.846	9.386
69.123	1.005	14.708					
11/19/2016 7:30:00 PM	336600.000	131.036	20.368	298.671	14466.607	15870.626	9.386
69.125	1.005	14.706					
11/19/2016 7:45:00 PM	337500.000	131.008	20.363	298.607	14462.438	15867.761	9.384
69.145	1.005	14.709					
11/19/2016 8:00:00 PM	338400.000	130.997	20.371	298.583	14465.383	15868.352	9.385
69.131	1.005	14.711					
11/19/2016 8:15:00 PM	339300.000	130.987	20.363	298.560	14460.625	15865.887	9.383
69.153	1.005	14.710					
11/19/2016 8:30:00 PM	340200.000	130.977	20.363	298.536	14458.026	15863.065	9.381
69.166	1.005	14.704					
11/19/2016 8:45:00 PM	341100.000	130.965	20.362	298.509	14456.915	15861.904	9.381
69.171	1.005	14.709					
11/19/2016 9:00:00 PM	342000.000	130.951	20.368	298.478	14460.913	15864.493	9.382
69.152	1.005	14.708					
11/19/2016 9:15:00 PM	342900.000	130.933	20.367	298.437	14461.246	15865.005	9.383
69.150	1.005	14.714					
11/19/2016 9:30:00 PM	343800.000	130.927	20.373	298.423	14457.185	15858.544	9.379
69.170	1.005	14.713					
11/19/2016 9:45:00 PM	344700.000	130.913	20.371	298.392	14454.474	15856.557	9.377
69.183	1.005	14.710					
11/19/2016 10:00:00 PM	345600.000	130.900	20.371	298.360	14457.175	15859.260	9.379
69.170	1.005	14.711					
11/19/2016 10:15:00 PM	346500.000	130.894	20.368	298.348	14458.885	15862.153	9.381
69.162	1.005	14.710					
11/19/2016 10:30:00 PM	347400.000	130.893	20.368	298.345	14454.991	15857.938	9.378
69.180	1.005	14.714					
11/19/2016 10:45:00 PM	348300.000	130.874	20.372	298.302	14459.126	15861.107	9.380
69.160	1.005	14.715					
11/19/2016 11:00:00 PM	349200.000	130.880	20.370	298.315	14452.146	15854.181	9.376
69.194	1.005	14.711					
11/19/2016 11:15:00 PM	350100.000	130.870	20.368	298.292	14453.329	15856.059	9.377
69.188	1.005	14.712					
11/19/2016 11:30:00 PM	351000.000	130.883	20.369	298.322	14443.513	15845.200	9.370
69.235	1.005	14.706					
11/19/2016 11:45:00 PM	351900.000	130.878	20.367	298.310	14442.228	15844.282	9.369
69.241	1.005	14.705					
11/20/2016 12:00:00 AM	352800.000	130.868	20.373	298.289	14447.965	15848.691	9.372
69.214	1.005	14.708					
11/20/2016 12:15:00 AM	353700.000	130.879	20.375	298.314	14452.726	15853.308	9.375
69.191	1.005	14.705					
11/20/2016 12:30:00 AM	354600.000	130.870	20.363	298.293	14447.896	15851.807	9.374
69.214	1.005	14.709					
11/20/2016 12:45:00 AM	355500.000	130.887	20.371	298.332	14445.326	15846.521	9.371
69.227	1.005	14.702					
11/20/2016 1:00:00 AM	356400.000	130.885	20.368	298.328	14445.383	15847.513	9.372
69.226	1.005	14.701					
11/20/2016 1:15:00 AM	357300.000	130.879	20.372	298.313	14448.048	15849.102	9.373
69.214	1.005	14.706					
11/20/2016 1:30:00 AM	358200.000	130.902	20.368	298.365	14442.631	15844.322	9.369
69.239	1.005	14.705					
11/20/2016 1:45:00 AM	359100.000	130.903	20.369	298.367	14451.852	15854.202	9.376
69.195	1.005	14.702					
11/20/2016 2:00:00 AM	360000.000	130.908	20.370	298.381	14444.603	15845.905	9.371
69.230	1.005	14.708					
11/20/2016 2:15:00 AM	360900.000	130.917	20.376	298.400	14452.080	15852.047	9.374
69.194	1.005	14.707					
11/20/2016 2:30:00 AM	361800.000	130.928	20.372	298.425	14455.910	15857.643	9.378
69.176	1.005	14.706					
11/20/2016 2:45:00 AM	362700.000	130.948	20.375	298.471	14455.021	15855.533	9.377
69.180	1.005	14.705					
11/20/2016 3:00:00 AM	363600.000	130.950	20.374	298.475	14455.552	15856.697	9.377
69.178	1.005	14.704					
11/20/2016 3:15:00 AM	364500.000	130.969	20.370	298.518	14455.161	15857.516	9.378
69.179	1.005	14.703					
11/20/2016 3:30:00 AM	365400.000	130.980	20.372	298.543	14456.919	15858.777	9.379
69.171	1.005	14.698					
11/20/2016 3:45:00 AM	366300.000	130.984	20.369	298.553	14457.104	15859.791	9.379
69.170	1.005	14.700					
11/20/2016 4:00:00 AM	367200.000	131.031	20.370	298.661	14458.472	15861.176	9.380
69.164	1.005	14.697					
11/20/2016 4:15:00 AM	368100.000	131.005	20.379	298.601	14465.085	15865.473	9.383
69.132	1.005	14.697					
11/20/2016 4:30:00 AM	369000.000	131.019	20.378	298.633	14469.523	15870.541	9.386
69.111	1.005	14.702					
11/20/2016 4:45:00 AM	369900.000	131.030	20.370	298.657	14463.281	15866.396	9.384
69.141	1.005	14.697					
11/20/2016 5:00:00 AM	370800.000	131.036	20.378	298.671	14465.034	15865.822	9.383
69.132	1.005	14.698					
11/20/2016 5:15:00 AM	371700.000	131.040	20.361	298.681	14461.925	15867.952	9.385
69.147	1.005	14.698					
11/20/2016 5:30:00 AM	372600.000	131.057	20.368	298.719	14465.954	15869.848	9.386
69.128	1.005	14.697					
11/20/2016 5:45:00 AM	373500.000	131.056	20.367	298.717	14464.970	15869.263	9.385
69.133	1.005	14.700					
11/20/2016 6:00:00 AM	374400.000	131.072	20.372	298.753	14468.741	15871.568	9.387
69.115	1.005	14.700					
11/20/2016 6:15:00 AM	375300.000	131.109	20.373	298.838	14464.871	15867.063	9.384
69.133	1.005	14.707					
11/20/2016 6:30:00 AM	376200.000	131.087	20.370	298.787	14470.349	15874.177	9.389
69.107	1.005	14.701					
11/20/2016 6:45:00 AM	377100.000	131.078	20.362	298.768	14459.011	15864.495	9.382
69.161	1.005	14.705					
11/20/2016 7:00:00 AM	378000.000	131.091	20.377	298.797	14467.219	15868.536	9.385
69.122	1.005	14.703					
11/20/2016 7:15:00 AM	378900.000	131.096	20.365	298.807	14467.032	15872.016	9.387
69.123	1.005	14.710					
11/20/2016 7:30:00 AM	379800.000	131.100	20.371	298.817	14461.122	15863.794	9.382
69.151	1.005	14.709					
11/20/2016 7:45:00 AM	380700.000	131.103	20.374	298.824	14467.548	15869.768	9.386
69.120	1.005	14.704					
11/20/2016 8:00:00 AM	381600.000	131.121	20.374	298.865	14466.458	15868.572	9.385
69.125	1.005	14.702					
11/20/2016 8:15:00 AM	382500.000	131.105	20.375	298.829	14469.298	15871.254	9.387
69.112	1.005	14.706					
11/20/2016 8:30:00 AM	383400.000	131.108	20.370	298.837	14462.571	15865.645	9.383
69.144	1.005	14.711					
11/20/2016 8:45:00 AM	384300.000	131.119	20.369	298.860	14463.873	15867.217	9.384
69.138	1.005	14.707					
11/20/2016 9:00:00 AM	385200.000	131.117	20.362	298.855	14464.884	15870.647	9.386
69.133	1.005	14.713					
11/20/2016 9:15:00 AM	386100.000	131.119	20.374	298.861	14461.752	15863.470	9.382
69.148	1.005	14.710					
11/20/2016 9:30:00 AM	387000.000	131.120	20.371	298.862	14459.254	15861.772	9.381
69.160	1.005	14.706					
11/20/2016 9:45:00 AM	387900.000	131.121	20.363	298.866	14459.582	15864.714	9.383
69.158	1.005	14.708					
11/20/2016 10:00:00 AM	388800.000	131.123	20.370	298.870	14465.520	15868.704	9.385
69.130	1.005	14.711					
11/20/2016 10:15:00 AM	389700.000	131.139	20.369	298.906	14462.350	15865.665	9.383
69.145	1.005	14.702					
11/20/2016 10:30:00 AM	390600.000	131.129	20.370	298.884	14461.447	15864.296	9.382
69.149	1.005	14.705					
11/20/2016 10:45:00 AM	391500.000	131.136	20.372	298.900	14455.746	15857.604	9.378
69.177	1.005	14.713					
11/20/2016 11:00:00 AM	392400.000	131.127	20.371	298.878	14463.249	15865.894	9.383
69.141	1.005	14.710					
11/20/2016 11:15:00 AM	393300.000	131.138	20.375	298.903	14464.776	15866.380	9.384
69.133	1.005	14.708					

11/20/2016 11:30:00 AM	394200.000	131.150	20.368	298.932	14456.526	15859.650	9.379	10784.563
69.173	1.005	14.704						
11/20/2016 11:45:00 AM	395100.000	131.143	20.370	298.915	14459.753	15862.405	9.381	10786.437
69.157	1.005	14.696						
11/20/2016 12:00:00 PM	396000.000	131.147	20.375	298.924	14458.326	15859.451	9.379	10784.428
69.164	1.005	14.697						
11/20/2016 12:15:00 PM	396900.000	131.145	20.368	298.920	14454.026	15856.996	9.378	10782.759
69.185	1.005	14.700						
11/20/2016 12:30:00 PM	397800.000	131.160	20.375	298.954	14457.746	15858.669	9.379	10783.896
69.167	1.005	14.696						
11/20/2016 12:45:00 PM	398700.000	131.155	20.371	298.943	14459.918	15862.442	9.381	10786.462
69.157	1.005	14.695						
11/20/2016 1:00:00 PM	399600.000	131.153	20.376	298.937	14458.752	15859.277	9.379	10784.310
69.162	1.005	14.691						
11/20/2016 1:15:00 PM	400500.000	131.156	20.368	298.945	14452.891	15855.517	9.377	10781.752
69.190	1.005	14.697						
11/20/2016 1:30:00 PM	401400.000	131.177	20.372	298.992	14450.318	15851.623	9.374	10779.104
69.203	1.005	14.685						
11/20/2016 1:45:00 PM	402300.000	131.178	20.377	298.995	14453.983	15853.729	9.376	10780.537
69.185	1.005	14.684						
11/20/2016 2:00:00 PM	403200.000	131.187	20.373	299.039	14454.362	15855.623	9.377	10781.825
69.183	1.005	14.680						
11/20/2016 2:15:00 PM	404100.000	131.244	20.364	299.147	14446.901	15850.542	9.373	10778.370
69.219	1.005	14.676						
11/20/2016 2:30:00 PM	405000.000	131.213	20.369	299.076	14447.231	15848.988	9.372	10777.313
69.217	1.005	14.680						
11/20/2016 2:45:00 PM	405900.000	131.209	20.364	299.065	14446.925	15850.422	9.373	10778.288
69.219	1.005	14.679						
11/20/2016 3:00:00 PM	406800.000	131.221	20.371	299.092	14450.578	15852.083	9.374	10779.417
69.201	1.005	14.674						
11/20/2016 3:15:00 PM	407700.000	131.226	20.371	299.104	14445.982	15846.982	9.371	10775.948
69.223	1.005	14.683						
11/20/2016 3:30:00 PM	408600.000	131.230	20.370	299.114	14448.175	15849.735	9.373	10777.820
69.213	1.005	14.681						
11/20/2016 3:45:00 PM	409500.000	131.241	20.364	299.138	14442.861	15845.850	9.370	10775.178
69.238	1.005	14.682						
11/20/2016 4:00:00 PM	410400.000	131.236	20.368	299.128	14445.074	15847.145	9.371	10776.060
69.228	1.005	14.681						
11/20/2016 4:15:00 PM	411300.000	131.243	20.363	299.144	14437.580	15840.429	9.367	10771.492
69.264	1.005	14.680						
11/20/2016 4:30:00 PM	412200.000	131.247	20.363	299.153	14438.933	15841.913	9.368	10772.502
69.257	1.005	14.682						
11/20/2016 4:45:00 PM	413100.000	131.257	20.362	299.175	14441.066	15844.657	9.370	10774.367
69.247	1.005	14.674						
11/20/2016 5:00:00 PM	414000.000	131.254	20.366	299.167	14436.818	15838.753	9.366	10770.354
69.267	1.005	14.677						
11/20/2016 5:15:00 PM	414900.000	131.259	20.365	299.180	14437.059	15839.250	9.366	10770.691
69.266	1.005	14.678						
11/20/2016 5:30:00 PM	415800.000	131.259	20.374	299.181	14441.996	15841.681	9.368	10772.344
69.243	1.005	14.680						
11/20/2016 5:45:00 PM	416700.000	131.264	20.372	299.192	14437.892	15837.761	9.365	10769.678
69.262	1.005	14.684						
11/20/2016 6:00:00 PM	417600.000	131.259	20.365	299.180	14441.480	15843.982	9.369	10773.908
69.245	1.005	14.685						
11/20/2016 6:15:00 PM	418500.000	131.258	20.383	299.177	14438.398	15834.812	9.364	10767.673
69.260	1.005	14.689						
11/20/2016 6:30:00 PM	419400.000	131.260	20.376	299.181	14437.314	15835.879	9.364	10768.398
69.265	1.005	14.684						
11/20/2016 6:45:00 PM	420300.000	131.260	20.369	299.182	14435.509	15836.420	9.364	10768.767
69.274	1.005	14.685						
11/20/2016 7:00:00 PM	421200.000	131.254	20.371	299.168	14433.774	15833.561	9.363	10766.822
69.282	1.005	14.689						
11/20/2016 7:15:00 PM	422100.000	131.247	20.365	299.152	14431.802	15833.363	9.362	10766.688
69.291	1.005	14.689						
11/20/2016 7:30:00 PM	423000.000	131.245	20.370	299.147	14433.516	15833.771	9.363	10766.964
69.283	1.005	14.686						
11/20/2016 7:45:00 PM	423900.000	131.216	20.367	299.083	14429.191	15829.922	9.360	10764.347
69.304	1.005	14.683						
11/20/2016 8:00:00 PM	424800.000	131.232	20.364	299.117	14425.769	15827.326	9.359	10762.583
69.320	1.005	14.695						
11/20/2016 8:15:00 PM	425700.000	131.230	20.362	299.115	14425.492	15827.541	9.359	10762.728
69.322	1.005	14.691						
11/20/2016 8:30:00 PM	426600.000	131.228	20.368	299.110	14423.218	15823.255	9.356	10759.814
69.333	1.005	14.691						
11/20/2016 8:45:00 PM	427500.000	131.214	20.364	299.077	14421.918	15822.871	9.356	10759.553
69.339	1.005	14.693						
11/20/2016 9:00:00 PM	428400.000	131.209	20.372	299.065	14422.470	15820.896	9.355	10758.210
69.336	1.005	14.694						
11/20/2016 9:15:00 PM	429300.000	131.205	20.373	299.056	14423.165	15821.371	9.355	10758.532
69.333	1.005	14.693						
11/20/2016 9:30:00 PM	430200.000	131.208	20.369	299.064	14424.321	15824.027	9.356	10760.340
69.327	1.005	14.687						
11/20/2016 9:45:00 PM	431100.000	131.186	20.373	299.013	14421.871	15819.865	9.354	10757.509
69.339	1.005	14.693						
11/20/2016 10:00:00 PM	432000.000	131.195	20.368	299.033	14426.543	15826.673	9.358	10762.139
69.317	1.005	14.691						
11/20/2016 10:15:00 PM	432900.000	131.170	20.361	298.977	14419.375	15821.121	9.355	10758.362
69.351	1.005	14.696						
11/20/2016 10:30:00 PM	433800.000	131.174	20.366	298.985	14419.153	15819.314	9.353	10757.135
69.352	1.005	14.696						
11/20/2016 10:45:00 PM	434700.000	131.169	20.369	298.975	14416.904	15815.836	9.351	10754.770
69.363	1.005	14.696						
11/20/2016 11:00:00 PM	435600.000	131.166	20.367	298.968	14417.187	15816.927	9.352	10755.512
69.362	1.005	14.703						
11/20/2016 11:15:00 PM	436500.000	131.152	20.366	298.935	14418.596	15818.647	9.353	10756.682
69.355	1.005	14.708						
11/20/2016 11:30:00 PM	437400.000	131.150	20.365	298.932	14416.115	15816.184	9.351	10755.006
69.367	1.005	14.705						
11/20/2016 11:45:00 PM	438300.000	131.153	20.363	298.937	14413.817	15814.444	9.350	10753.822
69.378	1.005	14.701						
11/21/2016 12:00:00 AM	439200.000	131.148	20.365	298.927	14418.632	15819.063	9.353	10756.964
69.355	1.005	14.701						
11/21/2016 12:15:00 AM	440100.000	131.137	20.368	298.902	14413.946	15812.820	9.349	10752.718
69.377	1.005	14.701						
11/21/2016 12:30:00 AM	441000.000	131.142	20.371	298.912	14414.061	15812.023	9.349	10752.177
69.377	1.005	14.707						
11/21/2016 12:45:00 AM	441900.000	131.149	20.368	298.929	14419.200	15818.673	9.353	10756.697
69.352	1.005	14.704						
11/21/2016 1:00:00 AM	442800.000	131.155	20.372	298.942	14413.069	15810.557	9.348	10751.180
69.381	1.005	14.699						
11/21/2016 1:15:00 AM	443700.000	131.144	20.369	298.919	14408.979	15807.025	9.346	10748.777
69.401	1.005	14.707						
11/21/2016 1:30:00 AM	444600.000	131.156	20.373	298.946	14411.395	15808.576	9.347	10749.832
69.380	1.005	14.711						
11/21/2016 1:45:00 AM	445500.000	131.157	20.368	298.948	14409.177	15807.677	9.346	10749.221
69.400	1.005	14.706						
11/21/2016 2:00:00 AM	446400.000	131.162	20.374	298.959	14414.668	15811.590	9.349	10751.882
69.374	1.005	14.711						
11/21/2016 2:15:00 AM	447300.000	131.176	20.363	298.991	14410.723	15811.021	9.348	10751.494
69.393	1.005	14.706						
11/21/2016 2:30:00 AM	448200.000	131.173	20.370	298.983	14412.020	15810.100	9.348	10750.869
69.387	1.005	14.711						
11/21/2016 2:45:00 AM	449100.000	131.190	20.373	299.023	14409.319	15806.155	9.345	10748.187
69.400	1.005	14.711						
11/21/2016 3:00:00 AM	450000.000	131.178	20.372	298.994	14407.898	15804.945	9.344	10747.364
69.406	1.005	14.722						
11/21/2016 3:15:00 AM	450900.000	131.202	20.375	299.049	14409.198	15805.271	9.345	10747.585
69.400	1.005	14.710						
11/21/2016 3:30:00 AM	451800.000	131.200						

69.383	1.005	14.712					
11/21/2016 4:15:00 AM	454500.000	131.232	20.368	299.117	14410.338	15809.036	9.347
69.395	1.005	14.721					
11/21/2016 4:30:00 AM	455400.000	131.254	20.371	299.169	14413.774	15811.909	9.349
69.378	1.005	14.718					
11/21/2016 4:45:00 AM	456300.000	131.257	20.366	299.174	14410.928	15810.406	9.348
69.392	1.005	14.718					
11/21/2016 5:00:00 AM	457200.000	131.273	20.374	299.212	14418.640	15816.119	9.351
69.355	1.005	14.716					
11/21/2016 5:15:00 AM	458100.000	131.271	20.371	299.206	14419.300	15817.682	9.352
69.351	1.005	14.725					
11/21/2016 5:30:00 AM	459000.000	131.298	20.365	299.245	14414.882	15814.830	9.351
69.373	1.005	14.724					
11/21/2016 5:45:00 AM	459900.000	131.325	20.373	299.330	14416.417	15813.883	9.350
69.365	1.005	14.722					
11/21/2016 6:00:00 AM	460800.000	131.299	20.368	299.248	14417.072	15816.339	9.352
69.362	1.005	14.731					
11/21/2016 6:15:00 AM	461700.000	131.302	20.374	299.277	14418.616	15816.209	9.352
69.355	1.005	14.730					
11/21/2016 6:30:00 AM	462600.000	131.323	20.375	299.327	14421.284	15818.674	9.353
69.342	1.005	14.733					
11/21/2016 6:45:00 AM	463500.000	131.323	20.368	299.327	14414.251	15813.359	9.350
69.376	1.005	14.738					
11/21/2016 7:00:00 AM	464400.000	131.316	20.370	299.310	14425.233	15824.596	9.357
69.323	1.005	14.742					
11/21/2016 7:15:00 AM	465300.000	131.331	20.371	299.344	14417.813	15816.224	9.351
69.359	1.005	14.746					
11/21/2016 7:30:00 AM	466200.000	131.326	20.374	299.332	14421.080	15818.856	9.353
69.343	1.005	14.746					
11/21/2016 7:45:00 AM	467100.000	131.337	20.372	299.358	14419.767	15817.846	9.353
69.349	1.005	14.745					
11/21/2016 8:00:00 AM	468000.000	131.340	20.372	299.365	14417.536	15815.548	9.351
69.360	1.005	14.752					
11/21/2016 8:15:00 AM	468900.000	131.343	20.372	299.371	14418.218	15816.409	9.352
69.357	1.005	14.755					
11/21/2016 8:30:00 AM	469800.000	131.344	20.373	299.375	14416.400	15814.125	9.350
69.365	1.005	14.756					
11/21/2016 8:45:00 AM	470700.000	131.349	20.364	299.385	14414.466	15814.724	9.350
69.375	1.005	14.758					
11/21/2016 9:00:00 AM	471600.000	131.349	20.367	299.386	14413.910	15813.129	9.349
69.377	1.005	14.763					
11/21/2016 9:15:00 AM	472500.000	131.348	20.380	299.382	14419.557	15815.130	9.351
69.350	1.005	14.756					
11/21/2016 9:30:00 AM	473400.000	131.381	20.379	299.458	14416.809	15812.374	9.349
69.363	1.005	14.760					
11/21/2016 9:45:00 AM	474300.000	131.353	20.369	299.395	14415.652	15814.346	9.350
69.369	1.005	14.764					
11/21/2016 10:00:00 AM	475200.000	131.348	20.378	299.383	14416.051	15811.891	9.349
69.367	1.005	14.761					
11/21/2016 10:15:00 AM	476100.000	131.353	20.372	299.394	14417.488	15815.523	9.351
69.360	1.005	14.764					
11/21/2016 10:30:00 AM	477000.000	131.349	20.369	299.384	14417.823	15816.898	9.352
69.359	1.005	14.764					
11/21/2016 10:45:00 AM	477900.000	131.348	20.366	299.383	14413.977	15813.519	9.350
69.377	1.005	14.766					
11/21/2016 11:00:00 AM	478800.000	131.348	20.373	299.383	14414.474	15811.693	9.349
69.375	1.005	14.765					
11/21/2016 11:15:00 AM	479700.000	131.338	20.377	299.359	14417.719	15814.152	9.350
69.359	1.005	14.764					
11/21/2016 11:30:00 AM	480600.000	131.343	20.369	299.371	14410.502	15808.840	9.347
69.394	1.005	14.766					
11/21/2016 11:45:00 AM	481500.000	131.353	20.364	299.394	14410.116	15810.123	9.348
69.396	1.005	14.761					
11/21/2016 12:00:00 PM	482400.000	131.334	20.360	299.352	14407.439	15808.401	9.346
69.409	1.005	14.760					
11/21/2016 12:15:00 PM	483300.000	131.343	20.369	299.371	14403.935	15801.463	9.342
69.425	1.005	14.759					
11/21/2016 12:30:00 PM	484200.000	131.340	20.375	299.364	14415.538	15812.312	9.349
69.370	1.005	14.759					
11/21/2016 12:45:00 PM	485100.000	131.339	20.370	299.363	14407.692	15805.470	9.345
69.407	1.005	14.762					
11/21/2016 1:00:00 PM	486000.000	131.334	20.374	299.351	14408.605	15804.996	9.344
69.403	1.005	14.757					
11/21/2016 1:15:00 PM	486900.000	131.344	20.368	299.374	14402.773	15800.738	9.342
69.431	1.005	14.759					
11/21/2016 1:30:00 PM	487800.000	131.344	20.369	299.373	14405.873	15803.880	9.344
69.416	1.005	14.755					
11/21/2016 1:45:00 PM	488700.000	131.343	20.372	299.371	14401.098	15797.485	9.340
69.439	1.005	14.759					
11/21/2016 2:00:00 PM	489600.000	131.336	20.370	299.356	14406.444	15804.101	9.344
69.413	1.005	14.761					
11/21/2016 2:15:00 PM	490500.000	131.356	20.362	299.400	14398.676	15798.036	9.340
69.451	1.005	14.756					
11/21/2016 2:30:00 PM	491400.000	131.352	20.371	299.391	14398.989	15795.401	9.338
69.449	1.005	14.759					
11/21/2016 2:45:00 PM	492300.000	131.351	20.368	299.389	14396.421	15793.594	9.337
69.462	1.005	14.759					
11/21/2016 3:00:00 PM	493200.000	131.354	20.367	299.396	14399.208	15797.056	9.339
69.448	1.005	14.763					
11/21/2016 3:15:00 PM	494100.000	131.360	20.366	299.409	14396.874	15794.930	9.338
69.460	1.005	14.760					
11/21/2016 3:30:00 PM	495000.000	131.369	20.361	299.430	14397.638	15797.303	9.339
69.456	1.005	14.762					
11/21/2016 3:45:00 PM	495900.000	131.367	20.368	299.426	14395.806	15793.094	9.337
69.465	1.005	14.769					
11/21/2016 4:00:00 PM	496800.000	131.373	20.369	299.439	14397.726	15794.651	9.338
69.455	1.005	14.766					
11/21/2016 4:15:00 PM	497700.000	131.372	20.363	299.436	14391.528	15790.075	9.335
69.485	1.005	14.766					
11/21/2016 4:30:00 PM	498600.000	131.375	20.368	299.444	14398.471	15795.989	9.339
69.452	1.005	14.771					
11/21/2016 4:45:00 PM	499500.000	131.384	20.370	299.465	14388.170	15784.139	9.331
69.502	1.005	14.765					
11/21/2016 5:00:00 PM	500400.000	131.392	20.365	299.482	14390.348	15787.884	9.333
69.491	1.005	14.762					
11/21/2016 5:15:00 PM	501300.000	131.382	20.371	299.461	14392.917	15788.802	9.334
69.479	1.005	14.768					
11/21/2016 5:30:00 PM	502200.000	131.378	20.377	299.451	14398.872	15793.539	9.337
69.450	1.005	14.775					
11/21/2016 5:45:00 PM	503100.000	131.383	20.367	299.461	14390.177	15787.294	9.333
69.492	1.005	14.775					
11/21/2016 6:00:00 PM	504000.000	131.387	20.365	299.472	14389.743	15787.221	9.333
69.494	1.005	14.781					
11/21/2016 6:15:00 PM	504900.000	131.386	20.367	299.469	14388.872	15785.805	9.332
69.498	1.005	14.783					
11/21/2016 6:30:00 PM	505800.000	131.389	20.367	299.477	14385.308	15782.010	9.330
69.515	1.005	14.787					
11/21/2016 6:45:00 PM	506700.000	131.395	20.365	299.490	14387.740	15785.113	9.332
69.504	1.005	14.786					
11/21/2016 7:00:00 PM	507600.000	131.388	20.367	299.474	14385.145	15781.627	9.329
69.516	1.005	14.788					
11/21/2016 7:15:00 PM	508500.000	131.390	20.367	299.478	14384.029	15780.492	9.329
69.522	1.005	14.789					
11/21/2016 7:30:00 PM	509400.000	131.387	20.366	299.473	14385.907	15782.785	9.330
69.512	1.005	14.791					
11/21/2016 7:45:00 PM	510300.000	131.379	20.373	299.454	14384.432	15779.057	9.328
69.520	1.005	14.799					
11/21/2016 8:00:00 PM	511200.000	131.380	20.373	299.456	14387.231	15782.042	9.330
69.506	1.005	14.789					
11/21/2016 8:15:00 PM	512100.000	131.370	20.368	299.433	14385.907	15782.207	9.330
69.512	1.005	14.799					
11/21/2016 8:30:00 PM	513000.000	131.371	20.362	299.435	14378.851	15776.430	9.326
69.547	1.005	14.798					

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11/21/2016 8:45:00 PM	513900.000	131.359	20.370	299.408	14383.419	15778.897	9.328	10729.650
69.524	1.005	14.807						
11/21/2016 9:00:00 PM	514800.000	131.357	20.370	299.403	14380.562	15775.505	9.325	10727.345
69.538	1.005	14.805						
11/21/2016 9:15:00 PM	515700.000	131.364	20.371	299.419	14384.154	15779.416	9.328	10730.003
69.521	1.005	14.804						
11/21/2016 9:30:00 PM	516600.000	131.355	20.372	299.399	14382.700	15777.304	9.327	10728.567
69.528	1.005	14.810						
11/21/2016 9:45:00 PM	517500.000	131.338	20.380	299.360	14386.630	15779.045	9.328	10729.752
69.509	1.005	14.810						
11/21/2016 10:00:00 PM	518400.000	131.337	20.367	299.357	14378.824	15774.754	9.325	10726.833
69.547	1.005	14.809						
11/21/2016 10:15:00 PM	519300.000	131.325	20.373	299.331	14376.077	15769.662	9.322	10723.370
69.560	1.005	14.817						
11/21/2016 10:30:00 PM	520200.000	131.318	20.371	299.313	14380.625	15775.373	9.325	10727.255
69.538	1.005	14.809						
11/21/2016 10:45:00 PM	521100.000	131.317	20.367	299.312	14382.827	15778.975	9.328	10729.704
69.527	1.005	14.818						
11/21/2016 11:00:00 PM	522000.000	131.315	20.374	299.307	14378.091	15771.523	9.323	10724.636
69.550	1.005	14.812						
11/21/2016 11:15:00 PM	522900.000	131.309	20.371	299.295	14376.419	15770.875	9.322	10724.195
69.558	1.005	14.811						
11/21/2016 11:30:00 PM	523800.000	131.301	20.366	299.275	14373.380	15768.952	9.321	10722.888
69.573	1.005	14.814						
11/21/2016 11:45:00 PM	524700.000	131.298	20.373	299.269	14372.316	15765.478	9.319	10720.524
69.578	1.005	14.809						
11/22/2016 12:00:00 AM	525600.000	131.283	20.370	299.235	14373.159	15767.642	9.320	10721.996
69.574	1.005	14.809						
11/22/2016 12:15:00 AM	526500.000	131.279	20.369	299.224	14374.244	15768.892	9.321	10722.847
69.569	1.005	14.815						
11/22/2016 12:30:00 AM	527400.000	131.274	20.369	299.214	14372.120	15769.935	9.322	10723.557
69.579	1.005	14.819						
11/22/2016 12:45:00 AM	528300.000	131.283	20.370	299.233	14373.183	15767.557	9.320	10721.939
69.574	1.005	14.815						
11/22/2016 1:00:00 AM	529200.000	131.272	20.365	299.209	14364.819	15759.906	9.315	10716.736
69.615	1.005	14.812						
11/22/2016 1:15:00 AM	530100.000	131.275	20.371	299.215	14368.357	15761.888	9.317	10718.084
69.597	1.005	14.810						
11/22/2016 1:30:00 AM	531000.000	131.291	20.374	299.252	14365.985	15758.303	9.314	10715.646
69.609	1.005	14.800						
11/22/2016 1:45:00 AM	531900.000	131.272	20.372	299.210	14365.768	15758.696	9.315	10715.915
69.610	1.005	14.809						
11/22/2016 2:00:00 AM	532800.000	131.264	20.371	299.192	14372.714	15766.608	9.320	10721.294
69.576	1.005	14.819						
11/22/2016 2:15:00 AM	533700.000	131.278	20.364	299.223	14367.751	15763.442	9.318	10719.141
69.600	1.005	14.816						
11/22/2016 2:30:00 AM	534600.000	131.290	20.374	299.250	14370.219	15762.946	9.317	10718.805
69.588	1.005	14.808						
11/22/2016 2:45:00 AM	535500.000	131.280	20.385	299.228	14367.821	15756.804	9.314	10714.627
69.600	1.005	14.817						
11/22/2016 3:00:00 AM	536400.000	131.282	20.368	299.232	14367.599	15762.207	9.317	10718.301
69.601	1.005	14.817						
11/22/2016 3:15:00 AM	537300.000	131.296	20.373	299.264	14367.161	15759.853	9.315	10716.700
69.603	1.005	14.809						
11/22/2016 3:30:00 AM	538200.000	131.308	20.374	299.291	14371.003	15763.778	9.318	10719.370
69.585	1.005	14.810						
11/22/2016 3:45:00 AM	539100.000	131.308	20.375	299.292	14364.459	15756.342	9.313	10714.313
69.616	1.005	14.812						
11/22/2016 4:00:00 AM	540000.000	131.320	20.376	299.318	14368.850	15760.898	9.316	10717.412
69.595	1.005	14.814						
11/22/2016 4:15:00 AM	540900.000	131.324	20.374	299.329	14364.608	15756.881	9.314	10714.679
69.616	1.005	14.814						
11/22/2016 4:30:00 AM	541800.000	131.337	20.374	299.358	14363.750	15755.909	9.313	10714.019
69.620	1.005	14.813						
11/22/2016 4:45:00 AM	542700.000	131.343	20.377	299.371	14362.511	15753.484	9.311	10712.370
69.626	1.005	14.814						
11/22/2016 5:00:00 AM	543600.000	131.363	20.374	299.416	14365.044	15757.271	9.314	10714.945
69.613	1.005	14.814						
11/22/2016 5:15:00 AM	544500.000	131.355	20.370	299.399	14364.011	15757.550	9.314	10715.135
69.618	1.005	14.820						
11/22/2016 5:30:00 AM	545400.000	131.373	20.372	299.440	14365.479	15758.327	9.314	10715.663
69.611	1.005	14.815						
11/22/2016 5:45:00 AM	546300.000	131.386	20.377	299.470	14369.491	15761.172	9.316	10717.597
69.592	1.005	14.817						
11/22/2016 6:00:00 AM	547200.000	131.388	20.367	299.473	14366.557	15761.323	9.316	10717.701
69.606	1.005	14.822						
11/22/2016 6:15:00 AM	548100.000	131.403	20.375	299.509	14364.630	15756.615	9.313	10714.498
69.615	1.005	14.816						
11/22/2016 6:30:00 AM	549000.000	131.395	20.385	299.489	14367.315	15756.191	9.313	10714.211
69.602	1.005	14.824						
11/22/2016 6:45:00 AM	549900.000	131.409	20.369	299.522	14369.047	15763.218	9.318	10718.988
69.594	1.005	14.818						
11/22/2016 7:00:00 AM	550800.000	131.419	20.377	299.543	14366.255	15757.704	9.314	10715.239
69.608	1.005	14.822						
11/22/2016 7:15:00 AM	551700.000	131.424	20.374	299.555	14367.198	15759.520	9.315	10716.475
69.603	1.005	14.826						
11/22/2016 7:30:00 AM	552600.000	131.430	20.369	299.570	14368.140	15762.278	9.317	10718.351
69.598	1.005	14.829						
11/22/2016 7:45:00 AM	553500.000	131.434	20.375	299.578	14368.878	15761.018	9.316	10717.493
69.595	1.005	14.830						
11/22/2016 8:00:00 AM	554400.000	131.450	20.368	299.616	14368.914	15763.507	9.318	10719.185
69.595	1.005	14.830						
11/22/2016 8:15:00 AM	555300.000	131.446	20.370	299.606	14363.229	15756.491	9.313	10714.415
69.622	1.005	14.829						
11/22/2016 8:30:00 AM	556200.000	131.444	20.376	299.601	14367.653	15759.586	9.315	10716.520
69.601	1.005	14.834						
11/22/2016 8:45:00 AM	557100.000	131.441	20.382	299.595	14366.092	15755.887	9.313	10714.004
69.608	1.005	14.837						
11/22/2016 9:00:00 AM	558000.000	131.447	20.372	299.609	14365.199	15758.106	9.314	10715.514
69.613	1.005	14.836						
11/22/2016 9:15:00 AM	558900.000	131.443	20.369	299.599	14362.371	15755.867	9.313	10713.991
69.626	1.005	14.839						
11/22/2016 9:30:00 AM	559800.000	131.452	20.371	299.620	14363.490	15756.576	9.313	10714.472
69.621	1.005	14.829						
11/22/2016 9:45:00 AM	560700.000	131.459	20.367	299.635	14365.023	15759.497	9.315	10716.458
69.614	1.005	14.833						
11/22/2016 10:00:00 AM	561600.000	131.446	20.362	299.607	14364.483	15760.751	9.316	10717.311
69.616	1.005	14.838						
11/22/2016 10:15:00 AM	562500.000	131.435	20.370	299.580	14364.616	15758.215	9.314	10715.587
69.616	1.005	14.836						
11/22/2016 10:30:00 AM	563400.000	131.436	20.371	299.583	14366.922	15760.313	9.316	10717.015
69.604	1.005	14.835						
11/22/2016 10:45:00 AM	564300.000	131.447	20.373	299.609	14364.728	15757.213	9.314	10714.905
69.615	1.005	14.830						
11/22/2016 11:00:00 AM	565200.000	131.433	20.369	299.576	14364.467	15758.365	9.314	10715.688
69.616	1.005	14.826						
11/22/2016 11:15:00 AM	566100.000	131.418	20.373	299.542	14364.679	15757.303	9.314	10714.967
69.615	1.005	14.829						
11/22/2016 11:30:00 AM	567000.000	131.426	20.377	299.560	14364.229	15755.481	9.313	10713.728
69.617	1.005	14.818						
11/22/2016 11:45:00 AM	567900.000	131.420	20.364	299.548	14362.991	15758.364	9.314	10715.688
69.623	1.005	14.817						
11/22/2016 12:00:00 PM	568800.000	131.401	20.367	299.504	14359.060	15753.156	9.311	10712.146
69.642	1.005	14.814						
11/22/2016 12:15:00 PM	569700.000	131.407	20.361	299.516	14354.798	15750.326	9.309	10710.223
69.663	1.005	14.807						
11/22/2016 12:30:00 PM	570600.000	131.390	20.371	299.479	14359.565	15752.414	9.311	10711.643
69.640	1.005	14.810						
11/22/2016 12:45:00 PM	571500.000	1						

69.672	1.005	14.808						
11/22/2016 1:30:00 PM	574200.000	131.364	20.367	299.420	14356.253	15750.077	9.309	10710.054
69.656	1.005	14.807						
11/22/2016 1:45:00 PM	575100.000	131.367	20.374	299.426	14358.146	15749.703	9.309	10709.799
69.647	1.005	14.802						
11/22/2016 2:00:00 PM	576000.000	131.353	20.376	299.394	14356.745	15747.478	9.308	10708.285
69.654	1.005	14.800						
11/22/2016 2:15:00 PM	576900.000	131.352	20.367	299.391	14354.485	15747.964	9.308	10708.615
69.665	1.005	14.803						
11/22/2016 2:30:00 PM	577800.000	131.345	20.374	299.377	14357.905	15749.439	9.309	10709.619
69.648	1.005	14.809						
11/22/2016 2:45:00 PM	578700.000	131.337	20.374	299.357	14354.979	15746.289	9.307	10707.477
69.662	1.005	14.808						
11/22/2016 3:00:00 PM	579600.000	131.347	20.377	299.380	14358.061	15748.716	9.308	10709.127
69.647	1.005	14.801						
11/22/2016 3:15:00 PM	580500.000	131.331	20.364	299.343	14345.489	15739.276	9.302	10702.708
69.708	1.005	14.809						
11/22/2016 3:30:00 PM	581400.000	131.324	20.371	299.327	14350.310	15742.145	9.304	10704.658
69.685	1.005	14.811						
11/22/2016 3:45:00 PM	582300.000	131.339	20.367	299.362	14346.438	15739.337	9.302	10702.749
69.704	1.005	14.805						
11/22/2016 4:00:00 PM	583200.000	131.334	20.364	299.350	14345.600	15739.167	9.302	10702.634
69.708	1.005	14.807						
11/22/2016 4:15:00 PM	584100.000	131.333	20.382	299.348	14346.765	15734.718	9.299	10699.608
69.702	1.005	14.809						
11/22/2016 4:30:00 PM	585000.000	131.320	20.370	299.319	14349.984	15742.021	9.304	10704.574
69.686	1.005	14.809						
11/22/2016 4:45:00 PM	585900.000	131.329	20.375	299.340	14345.998	15736.237	9.300	10700.643
69.706	1.005	14.813						
11/22/2016 5:00:00 PM	586800.000	131.325	20.372	299.331	14341.751	15732.384	9.298	10698.021
69.726	1.005	14.809						
11/22/2016 5:15:00 PM	587700.000	131.327	20.375	299.335	14342.750	15732.645	9.298	10698.198
69.722	1.005	14.812						
11/22/2016 5:30:00 PM	588600.000	131.338	20.386	299.359	14343.321	15729.530	9.296	10696.081
69.719	1.005	14.809						
11/22/2016 5:45:00 PM	589500.000	131.334	20.371	299.351	14340.676	15731.549	9.297	10697.453
69.732	1.005	14.811						
11/22/2016 6:00:00 PM	590400.000	131.328	20.375	299.338	14340.776	15730.193	9.296	10696.531
69.731	1.005	14.814						
11/22/2016 6:15:00 PM	591300.000	131.335	20.371	299.352	14345.283	15736.659	9.301	10700.930
69.709	1.005	14.813						
11/22/2016 6:30:00 PM	592200.000	131.326	20.372	299.333	14342.722	15733.389	9.298	10698.705
69.722	1.005	14.814						
11/22/2016 6:45:00 PM	593100.000	131.337	20.372	299.357	14340.459	15730.934	9.297	10697.036
69.733	1.005	14.807						
11/22/2016 7:00:00 PM	594000.000	131.336	20.373	299.355	14341.590	15731.802	9.297	10697.625
69.727	1.005	14.809						
11/22/2016 7:15:00 PM	594900.000	131.336	20.375	299.356	14340.591	15730.076	9.296	10696.453
69.732	1.005	14.813						
11/22/2016 7:30:00 PM	595800.000	131.338	20.371	299.361	14337.470	15728.005	9.295	10695.044
69.747	1.005	14.816						
11/22/2016 7:45:00 PM	596700.000	131.335	20.371	299.354	14340.713	15731.474	9.297	10697.403
69.732	1.005	14.810						
11/22/2016 8:00:00 PM	597600.000	131.333	20.376	299.348	14339.150	15728.262	9.295	10695.218
69.739	1.005	14.814						
11/22/2016 8:15:00 PM	598500.000	131.330	20.364	299.341	14338.773	15731.708	9.297	10697.563
69.741	1.005	14.814						
11/22/2016 8:30:00 PM	599400.000	131.334	20.377	299.350	14343.780	15732.882	9.298	10698.359
69.717	1.005	14.808						
11/22/2016 8:45:00 PM	600300.000	131.321	20.379	299.321	14339.285	15727.403	9.295	10694.636
69.738	1.005	14.813						
11/22/2016 9:00:00 PM	601200.000	131.325	20.379	299.330	14335.657	15723.570	9.292	10692.029
69.756	1.005	14.807						
11/22/2016 9:15:00 PM	602100.000	131.317	20.369	299.312	14340.375	15731.736	9.297	10697.581
69.733	1.005	14.812						
11/22/2016 9:30:00 PM	603000.000	131.316	20.374	299.309	14340.033	15729.750	9.296	10696.230
69.735	1.005	14.809						
11/22/2016 9:45:00 PM	603900.000	131.314	20.375	299.304	14341.259	15731.009	9.297	10697.086
69.729	1.005	14.807						
11/22/2016 10:00:00 PM	604800.000	131.312	20.364	299.301	14339.745	15733.002	9.298	10698.441
69.736	1.005	14.809						
11/22/2016 10:15:00 PM	605700.000	131.301	20.367	299.275	14337.776	15729.778	9.296	10696.250
69.746	1.005	14.815						
11/22/2016 10:30:00 PM	606600.000	131.301	20.362	299.275	14336.652	15730.243	9.296	10696.565
69.751	1.005	14.811						
11/22/2016 10:45:00 PM	607500.000	131.287	20.375	299.243	14343.535	15733.306	9.298	10698.649
69.718	1.005	14.814						
11/22/2016 11:00:00 PM	608400.000	131.279	20.373	299.225	14340.306	15730.363	9.297	10696.647
69.734	1.005	14.816						
11/22/2016 11:15:00 PM	609300.000	131.290	20.369	299.250	14336.859	15727.936	9.295	10694.997
69.750	1.005	14.814						
11/22/2016 11:30:00 PM	610200.000	131.279	20.370	299.225	14344.817	15725.497	9.293	10693.339
69.760	1.005	14.810						
11/22/2016 11:45:00 PM	611100.000	131.279	20.371	299.226	14340.640	15731.536	9.297	10697.445
69.732	1.005	14.807						
11/23/2016 12:00:00 AM	612000.000	131.268	20.371	299.201	14336.052	15726.449	9.294	10693.986
69.754	1.005	14.808						
11/23/2016 12:15:00 AM	612900.000	131.286	20.370	299.242	14330.911	15721.325	9.291	10690.501
69.779	1.005	14.818						
11/23/2016 12:30:00 AM	613800.000	131.263	20.371	299.190	14337.825	15728.395	9.295	10695.309
69.746	1.005	14.812						
11/23/2016 12:45:00 AM	614700.000	131.262	20.372	299.187	14334.396	15724.401	9.293	10692.594
69.762	1.005	14.805						
11/23/2016 1:00:00 AM	615600.000	131.260	20.365	299.182	14332.316	15724.246	9.293	10692.487
69.772	1.005	14.801						
11/23/2016 1:15:00 AM	616500.000	131.262	20.375	299.188	14336.811	15726.072	9.294	10693.730
69.751	1.005	14.804						
11/23/2016 1:30:00 AM	617400.000	131.256	20.369	299.172	14338.976	15730.285	9.296	10696.594
69.740	1.005	14.803						
11/23/2016 1:45:00 AM	618300.000	131.247	20.373	299.153	14337.352	15727.382	9.295	10694.621
69.748	1.005	14.810						
11/23/2016 2:00:00 AM	619200.000	131.253	20.373	299.167	14337.635	15727.521	9.295	10694.716
69.747	1.005	14.809						
11/23/2016 2:15:00 AM	620100.000	131.247	20.368	299.153	14338.694	15730.266	9.296	10696.582
69.741	1.005	14.818						
11/23/2016 2:30:00 AM	621000.000	131.249	20.370	299.156	14336.351	15727.234	9.294	10694.520
69.753	1.005	14.818						
11/23/2016 2:45:00 AM	621900.000	131.261	20.370	299.185	14337.604	15728.492	9.295	10695.375
69.747	1.005	14.812						
11/23/2016 3:00:00 AM	622800.000	131.257	20.364	299.175	14329.715	15721.712	9.291	10690.766
69.785	1.005	14.814						
11/23/2016 3:15:00 AM	623700.000	131.277	20.374	299.220	14334.453	15723.860	9.292	10692.227
69.762	1.005	14.814						
11/23/2016 3:30:00 AM	624600.000	131.292	20.370	299.255	14336.244	15727.001	9.294	10694.360
69.753	1.005	14.827						
11/23/2016 3:45:00 AM	625500.000	131.277	20.369	299.220	14336.077	15727.221	9.294	10694.511
69.754	1.005	14.831						
11/23/2016 4:00:00 AM	626400.000	131.280	20.371	299.228	14339.862	15730.772	9.297	10696.926
69.736	1.005	14.837						
11/23/2016 4:15:00 AM	627300.000	131.279	20.370	299.224	14340.068	15731.169	9.297	10697.196
69.735	1.005	14.839						
11/23/2016 4:30:00 AM	628200.000	131.296	20.373	299.265	14339.694	15729.780	9.296	10696.252
69.736	1.005	14.846						
11/23/2016 4:45:00 AM	629100.000	131.297	20.371	299.267	14338.135	15728.847	9.296	10695.617
69.744	1.005	14.845						
11/23/2016 5:00:00 AM	630000.000	131.310	20.367	299.296	14339.011	15731.075	9.297	10697.131
69.740	1.005	14.842						
11/23/2016 5:15:00 AM	630900.000	131.322	20.366	299.323	14338.854	15731.275	9.297	10697.269
69.741	1.005	14.852						
11/23/2016 5:30:00 AM	631800.000	131.324	20.379	299.327	14344.216	15732.754	9.298	10698.272</

11/23/2016 6:00:00 AM	633600.000	131.336	20.368	299.356	14336.895	15728.379	9.295	10695.298
69.750	1.005	14.863						
11/23/2016 6:15:00 AM	634500.000	131.355	20.373	299.398	14340.724	15730.852	9.297	10696.980
69.731	1.005	14.859						
11/23/2016 6:30:00 AM	635400.000	131.371	20.372	299.436	14343.594	15734.576	9.299	10699.513
69.718	1.005	14.853						
11/23/2016 6:45:00 AM	636300.000	131.364	20.367	299.418	14345.776	15738.354	9.302	10702.082
69.707	1.005	14.865						
11/23/2016 7:00:00 AM	637200.000	131.370	20.379	299.433	14347.187	15735.954	9.300	10700.450
69.700	1.005	14.866						
11/23/2016 7:15:00 AM	638100.000	131.385	20.370	299.467	14339.727	15730.709	9.297	10696.882
69.736	1.005	14.867						
11/23/2016 7:30:00 AM	639000.000	131.390	20.371	299.479	14344.263	15735.627	9.300	10700.227
69.714	1.005	14.872						
11/23/2016 7:45:00 AM	639900.000	131.394	20.369	299.488	14344.716	15736.788	9.301	10701.017
69.712	1.005	14.872						
11/23/2016 8:00:00 AM	640800.000	131.408	20.370	299.519	14343.506	15734.968	9.299	10699.778
69.718	1.005	14.877						
11/23/2016 8:15:00 AM	641700.000	131.406	20.365	299.515	14338.996	15731.863	9.297	10697.667
69.740	1.005	14.884						
11/23/2016 8:30:00 AM	642600.000	131.425	20.371	299.558	14345.032	15736.301	9.300	10700.686
69.711	1.005	14.878						
11/23/2016 8:45:00 AM	643500.000	131.418	20.370	299.542	14342.063	15733.502	9.299	10698.782
69.725	1.005	14.886						
11/23/2016 9:00:00 AM	644400.000	131.425	20.375	299.559	14348.844	15739.271	9.302	10702.705
69.692	1.005	14.887						
11/23/2016 9:15:00 AM	645300.000	131.425	20.363	299.559	14338.863	15732.151	9.298	10697.863
69.741	1.005	14.892						
11/23/2016 9:30:00 AM	646200.000	131.421	20.369	299.550	14342.575	15734.382	9.299	10699.380
69.722	1.005	14.893						
11/23/2016 9:45:00 AM	647100.000	131.431	20.375	299.572	14342.478	15732.288	9.298	10697.957
69.723	1.005	14.888						
11/23/2016 10:00:00 AM	648000.000	131.417	20.373	299.540	14344.352	15734.917	9.299	10699.744
69.714	1.005	14.894						
11/23/2016 10:15:00 AM	648900.000	131.422	20.376	299.550	14343.688	15733.097	9.298	10698.507
69.717	1.005	14.905						
11/23/2016 10:30:00 AM	649800.000	131.416	20.374	299.537	14342.411	15732.331	9.298	10697.985
69.723	1.005	14.900						
11/23/2016 10:45:00 AM	650700.000	131.409	20.361	299.522	14341.535	15735.802	9.300	10700.346
69.728	1.005	14.901						
11/23/2016 11:00:00 AM	651600.000	131.411	20.370	299.527	14337.996	15728.923	9.296	10695.668
69.745	1.005	14.897						
11/23/2016 11:15:00 AM	652500.000	131.412	20.371	299.529	14338.901	15729.773	9.296	10696.246
69.740	1.005	14.896						
11/23/2016 11:30:00 AM	653400.000	131.402	20.377	299.506	14343.269	15732.409	9.298	10698.039
69.719	1.005	14.891						
11/23/2016 11:45:00 AM	654300.000	131.390	20.367	299.477	14339.206	15731.229	9.297	10697.236
69.739	1.005	14.891						
11/23/2016 12:00:00 PM	655200.000	131.383	20.369	299.462	14339.592	15730.905	9.297	10697.016
69.737	1.005	14.890						
11/23/2016 12:15:00 PM	656100.000	131.387	20.370	299.472	14342.745	15734.133	9.299	10699.210
69.722	1.005	14.886						
11/23/2016 12:30:00 PM	657000.000	131.375	20.368	299.444	14340.707	15732.590	9.298	10698.162
69.732	1.005	14.883						
11/23/2016 12:45:00 PM	657900.000	131.364	20.374	299.418	14340.610	15730.557	9.297	10696.779
69.732	1.005	14.878						
11/23/2016 1:00:00 PM	658800.000	131.364	20.371	299.420	14337.739	15728.272	9.295	10695.226
69.746	1.005	14.873						
11/23/2016 1:15:00 PM	659700.000	131.357	20.369	299.403	14335.821	15726.913	9.294	10694.302
69.755	1.005	14.876						
11/23/2016 1:30:00 PM	660600.000	131.348	20.373	299.382	14334.039	15723.721	9.292	10692.130
69.764	1.005	14.871						
11/23/2016 1:45:00 PM	661500.000	131.339	20.371	299.363	14333.975	15724.341	9.293	10692.553
69.764	1.005	14.873						
11/23/2016 2:00:00 PM	662400.000	131.336	20.364	299.355	14328.859	15720.943	9.290	10690.242
69.789	1.005	14.877						
11/23/2016 2:15:00 PM	663300.000	131.325	20.368	299.330	14329.607	15720.527	9.290	10689.960
69.786	1.005	14.879						
11/23/2016 2:30:00 PM	664200.000	131.318	20.371	299.314	14334.673	15724.937	9.293	10692.958
69.761	1.005	14.874						
11/23/2016 2:45:00 PM	665100.000	131.314	20.365	299.304	14328.526	15720.059	9.290	10689.640
69.791	1.005	14.870						
11/23/2016 3:00:00 PM	666000.000	131.317	20.371	299.313	14327.121	15716.823	9.288	10687.439
69.798	1.005	14.872						
11/23/2016 3:15:00 PM	666900.000	131.311	20.365	299.299	14326.583	15718.245	9.289	10688.408
69.800	1.005	14.874						
11/23/2016 3:30:00 PM	667800.000	131.304	20.371	299.283	14331.199	15721.098	9.291	10690.347
69.778	1.005	14.875						
11/23/2016 3:45:00 PM	668700.000	131.310	20.371	299.296	14329.774	15719.446	9.290	10689.225
69.785	1.005	14.872						
11/23/2016 4:00:00 PM	669600.000	131.311	20.364	299.299	14324.440	15716.011	9.287	10686.888
69.811	1.005	14.871						
11/23/2016 4:15:00 PM	670500.000	131.296	20.367	299.264	14325.227	15715.837	9.287	10686.771
69.807	1.005	14.874						
11/23/2016 4:30:00 PM	671400.000	131.298	20.366	299.268	14325.865	15717.025	9.288	10687.577
69.804	1.005	14.874						
11/23/2016 4:45:00 PM	672300.000	131.314	20.366	299.304	14326.329	15717.534	9.288	10687.925
69.802	1.005	14.866						
11/23/2016 5:00:00 PM	673200.000	131.300	20.369	299.272	14323.739	15713.542	9.286	10685.209
69.814	1.005	14.875						
11/23/2016 5:15:00 PM	674100.000	131.298	20.372	299.269	14323.340	15712.069	9.285	10684.208
69.816	1.005	14.877						
11/23/2016 5:30:00 PM	675000.000	131.298	20.374	299.269	14326.507	15715.116	9.287	10686.280
69.801	1.005	14.877						
11/23/2016 5:45:00 PM	675900.000	131.300	20.371	299.274	14323.955	15713.322	9.286	10685.061
69.813	1.005	14.879						
11/23/2016 6:00:00 PM	676800.000	131.292	20.374	299.255	14319.963	15707.851	9.282	10681.339
69.833	1.005	14.882						
11/23/2016 6:15:00 PM	677700.000	131.302	20.368	299.277	14322.036	15711.990	9.285	10684.153
69.822	1.005	14.881						
11/23/2016 6:30:00 PM	678600.000	131.288	20.375	299.246	14325.033	15713.037	9.285	10684.866
69.806	1.005	14.888						
11/23/2016 6:45:00 PM	679500.000	131.294	20.370	299.260	14324.522	15714.029	9.286	10685.540
69.810	1.005	14.886						
11/23/2016 7:00:00 PM	680400.000	131.295	20.364	299.262	14323.360	15714.853	9.287	10686.100
69.816	1.005	14.889						
11/23/2016 7:15:00 PM	681300.000	131.290	20.367	299.250	14320.214	15710.311	9.284	10683.012
69.831	1.005	14.886						
11/23/2016 7:30:00 PM	682200.000	131.290	20.368	299.249	14324.626	15714.893	9.287	10686.128
69.810	1.005	14.891						
11/23/2016 7:45:00 PM	683100.000	131.281	20.365	299.229	14323.080	15714.201	9.286	10685.657
69.817	1.005	14.892						
11/23/2016 8:00:00 PM	684000.000	131.284	20.371	299.238	14320.115	15709.138	9.283	10682.215
69.832	1.005	14.891						
11/23/2016 8:15:00 PM	684900.000	131.273	20.371	299.211	14322.984	15712.142	9.285	10684.258
69.818	1.005	14.896						
11/23/2016 8:30:00 PM	685800.000	131.290	20.370	299.251	14323.938	15713.675	9.286	10685.299
69.813	1.005	14.891						
11/23/2016 8:45:00 PM	686700.000	131.276	20.371	299.218	14326.479	15715.831	9.287	10686.766
69.801	1.005	14.895						
11/23/2016 9:00:00 PM	687600.000	131.268	20.368	299.199	14324.703	15714.889	9.287	10686.125
69.809	1.005	14.892						
11/23/2016 9:15:00 PM	688500.000	131.270	20.368	299.204	14322.847	15712.912	9.285	10684.781
69.819	1.005	14.893						
11/23/2016 9:30:00 PM	689400.000	131.264	20.373	299.191	14326.229	15714.982	9.287	10686.188
69.802	1.005	14.898						
11/23/2016 9:45:00 PM	690300.000	131.296	20.368	299.265	14322.832	15712.836	9.285	10684.729
69.819	1.005	14.899						
11/23/2016 10:00:00 PM	691200.000	131.258						

69.821	1.005	14.900						
11/23/2016 10:45:00 PM	693900.000	131.235	20.373	299.126	14327.548	15716.628	9.288	10687.308
69.796	1.005	14.900						
11/23/2016 11:00:00 PM	694800.000	131.237	20.369	299.130	14326.078	15716.171	9.287	10686.996
69.803	1.005	14.905						
11/23/2016 11:15:00 PM	695700.000	131.223	20.372	299.097	14328.167	15717.568	9.288	10687.947
69.793	1.005	14.907						
11/23/2016 11:30:00 PM	696600.000	131.221	20.369	299.092	14324.999	15715.013	9.287	10686.210
69.806	1.005	14.904						
11/23/2016 11:45:00 PM	697500.000	131.220	20.374	299.091	14326.630	15715.048	9.287	10686.232
69.800	1.005	14.906						

Report Date: 11/28/2016 8:34:11 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_2016-11-24_12-31-59-698.wsl
Create Date: 11/24/2016 12:31:39 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

Log Data:

Record Count: 827

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
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
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)		
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11/17/2016 12:00:00 AM	93600.000	70.491
17.385	158.788	41009.684
47989.758	31.462	32.633
24.384	1.023	
11/17/2016 12:15:00 AM	94500.000	70.503
17.385	158.815	40972.285
47946.180	31.430	32.603
24.407	1.023	
11/17/2016 12:30:00 AM	95400.000	70.508
17.386	158.825	41032.340
48015.523	31.481	32.651
24.371	1.023	
11/17/2016 12:45:00 AM	96300.000	70.512
17.381	158.835	40990.770

47972.031	31.449	32.621
24.396	1.023	
11/17/2016 1:00:00 AM	97200.000	70.524
17.378	158.863	41026.211
48016.883	31.481	32.651
24.375	1.023	
11/17/2016 1:15:00 AM	98100.000	70.539
17.383	158.895	41019.699
48003.539	31.472	32.642
24.379	1.023	
11/17/2016 1:30:00 AM	99000.000	70.535
17.386	158.888	41028.098
48009.996	31.477	32.647
24.374	1.023	
11/17/2016 1:45:00 AM	99900.000	70.552
17.382	158.925	40994.402
47974.598	31.451	32.623
24.394	1.023	
11/17/2016 2:00:00 AM	100800.000	70.559
17.380	158.940	41007.258
47991.789	31.463	32.634
24.386	1.023	
11/17/2016 2:15:00 AM	101700.000	70.561
17.379	158.946	41023.906
48012.305	31.478	32.648
24.376	1.023	
11/17/2016 2:30:00 AM	102600.000	70.568
17.381	158.961	41001.316
47984.457	31.458	32.629
24.389	1.023	
11/17/2016 2:45:00 AM	103500.000	70.564
17.376	158.951	41011.922
48002.313	31.470	32.642
24.383	1.023	
11/17/2016 3:00:00 AM	104400.000	70.568
17.373	158.960	40993.316
47983.164	31.456	32.629
24.394	1.023	
11/17/2016 3:15:00 AM	105300.000	70.571
17.372	158.969	41009.523
48003.066	31.471	32.642
24.385	1.023	
11/17/2016 3:30:00 AM	106200.000	70.566
17.382	158.956	41019.648
48004.707	31.473	32.643
24.379	1.023	
11/17/2016 3:45:00 AM	107100.000	70.573
17.383	158.973	40997.891
47978.125	31.453	32.625
24.391	1.023	
11/17/2016 4:00:00 AM	108000.000	70.567
17.383	158.960	40994.684
47973.891	31.450	32.622
24.393	1.023	
11/17/2016 4:15:00 AM	108900.000	70.568
17.380	158.960	41006.242
47990.516	31.462	32.634

24.387	1.023	
11/17/2016 4:30:00 AM	109800.000	70.573
17.377	158.972	41025.914
48017.289	31.481	32.652
24.375	1.023	
11/17/2016 4:45:00 AM	110700.000	70.573
17.384	158.972	41008.082
47988.824	31.461	32.632
24.385	1.023	
11/17/2016 5:00:00 AM	111600.000	70.573
17.378	158.973	41009.680
47997.535	31.467	32.638
24.384	1.023	
11/17/2016 5:15:00 AM	112500.000	70.573
17.382	158.973	41022.980
48007.855	31.475	32.645
24.377	1.023	
11/17/2016 5:30:00 AM	113400.000	70.568
17.375	158.961	41028.523
48022.023	31.485	32.655
24.373	1.023	
11/17/2016 5:45:00 AM	114300.000	70.574
17.385	158.974	41027.758
48010.727	31.477	32.647
24.374	1.023	
11/17/2016 6:00:00 AM	115200.000	70.566
17.375	158.958	40984.855
47970.820	31.447	32.620
24.399	1.023	
11/17/2016 6:15:00 AM	116100.000	70.566
17.379	158.957	41029.477
48018.738	31.483	32.653
24.373	1.023	
11/17/2016 6:30:00 AM	117000.000	70.566
17.384	158.957	40979.039
47954.371	31.436	32.609
24.403	1.023	
11/17/2016 6:45:00 AM	117900.000	70.566
17.386	158.957	41033.359
48016.527	31.481	32.651
24.370	1.023	
11/17/2016 7:00:00 AM	118800.000	70.548
17.378	158.917	41033.242
48024.926	31.487	32.657
24.370	1.023	
11/17/2016 7:15:00 AM	119700.000	70.566
17.384	158.958	40980.758
47957.027	31.438	32.611
24.402	1.023	
11/17/2016 7:30:00 AM	120600.000	70.562
17.385	158.948	41028.273
48011.605	31.478	32.648
24.373	1.023	
11/17/2016 7:45:00 AM	121500.000	70.573
17.378	158.973	41005.449
47992.398	31.463	32.635
24.387	1.023	

11/17/2016 8:00:00 AM	122400.000	70.568
17.381	158.961	41000.609
47983.359	31.457	32.629
24.390	1.023	
11/17/2016 8:15:00 AM	123300.000	70.574
17.382	158.975	41036.832
48024.156	31.487	32.656
24.368	1.023	
11/17/2016 8:30:00 AM	124200.000	70.575
17.385	158.977	41040.645
48025.527	31.488	32.657
24.366	1.023	
11/17/2016 8:45:00 AM	125100.000	70.585
17.375	159.000	41026.813
48020.395	31.484	32.654
24.374	1.023	
11/17/2016 9:00:00 AM	126000.000	70.594
17.380	159.019	41024.543
48012.777	31.478	32.649
24.376	1.023	
11/17/2016 9:15:00 AM	126900.000	70.593
17.384	159.017	41034.152
48019.617	31.484	32.653
24.370	1.023	
11/17/2016 9:30:00 AM	127800.000	70.594
17.376	159.020	40999.879
47987.281	31.459	32.631
24.390	1.023	
11/17/2016 9:45:00 AM	128700.000	70.610
17.380	159.056	40981.227
47961.324	31.441	32.614
24.401	1.023	
11/17/2016 10:00:00 AM	129600.000	70.612
17.380	159.060	41005.688
47990.137	31.462	32.633
24.387	1.023	
11/17/2016 10:15:00 AM	130500.000	70.617
17.389	159.071	41055.012
48038.598	31.498	32.666
24.358	1.023	
11/17/2016 10:30:00 AM	131400.000	70.623
17.384	159.085	40994.367
47973.063	31.450	32.622
24.394	1.023	
11/17/2016 10:45:00 AM	132300.000	70.641
17.380	159.125	41025.305
48012.723	31.478	32.649
24.375	1.023	
11/17/2016 11:00:00 AM	133200.000	70.648
17.381	159.141	41045.262
48035.527	31.495	32.664
24.363	1.023	
11/17/2016 11:15:00 AM	134100.000	70.657
17.378	159.161	41020.754
48010.121	31.476	32.647
24.378	1.023	
11/17/2016 11:30:00 AM	135000.000	70.664

17.371	159.177	41000.328
47993.801	31.464	32.636
24.390	1.023	
11/17/2016 11:45:00 AM	135900.000	70.677
17.375	159.208	40991.359
47979.277	31.454	32.626
24.395	1.023	
11/17/2016 12:00:00 PM	136800.000	70.689
17.381	159.233	40995.676
47977.398	31.453	32.625
24.393	1.023	
11/17/2016 12:15:00 PM	137700.000	70.693
17.377	159.243	41026.512
48018.078	31.482	32.652
24.374	1.023	
11/17/2016 12:30:00 PM	138600.000	70.694
17.378	159.246	41006.859
47993.668	31.464	32.636
24.386	1.023	
11/17/2016 12:45:00 PM	139500.000	70.708
17.389	159.277	41017.219
47993.703	31.465	32.636
24.380	1.023	
11/17/2016 1:00:00 PM	140400.000	70.709
17.374	159.279	41000.289
47990.758	31.462	32.634
24.390	1.023	
11/17/2016 1:15:00 PM	141300.000	70.705
17.379	159.271	40996.172
47980.695	31.455	32.627
24.393	1.023	
11/17/2016 1:30:00 PM	142200.000	70.708
17.383	159.277	40993.633
47972.660	31.449	32.621
24.394	1.023	
11/17/2016 1:45:00 PM	143100.000	70.714
17.378	159.291	41001.633
47987.273	31.460	32.631
24.389	1.023	
11/17/2016 2:00:00 PM	144000.000	70.717
17.383	159.298	41058.563
48048.453	31.505	32.673
24.355	1.023	
11/17/2016 2:15:00 PM	144900.000	70.709
17.384	159.279	41041.441
48028.230	31.490	32.659
24.366	1.023	
11/17/2016 2:30:00 PM	145800.000	70.715
17.379	159.293	40991.824
47975.320	31.451	32.623
24.395	1.023	
11/17/2016 2:45:00 PM	146700.000	70.712
17.379	159.287	41034.414
48024.520	31.487	32.657
24.370	1.023	
11/17/2016 3:00:00 PM	147600.000	70.699
17.382	159.256	41009.855

47993.344	31.464	32.635
24.384	1.023	
11/17/2016 3:15:00 PM	148500.000	70.696
17.383	159.249	41008.152
47990.133	31.462	32.633
24.385	1.023	
11/17/2016 3:30:00 PM	149400.000	70.690
17.386	159.237	41035.211
48018.883	31.483	32.653
24.369	1.023	
11/17/2016 3:45:00 PM	150300.000	70.688
17.389	159.232	41013.305
47989.875	31.462	32.633
24.382	1.023	
11/17/2016 4:00:00 PM	151200.000	70.678
17.382	159.209	41010.910
47994.770	31.465	32.636
24.384	1.023	
11/17/2016 4:15:00 PM	152100.000	70.666
17.381	159.181	40997.867
47979.961	31.454	32.626
24.392	1.023	
11/17/2016 4:30:00 PM	153000.000	70.658
17.386	159.165	40984.906
47959.641	31.440	32.613
24.399	1.023	
11/17/2016 4:45:00 PM	153900.000	70.642
17.396	159.129	41012.121
47980.531	31.456	32.627
24.383	1.023	
11/17/2016 5:00:00 PM	154800.000	70.636
17.385	159.115	40984.461
47960.617	31.440	32.613
24.399	1.023	
11/17/2016 5:15:00 PM	155700.000	70.617
17.382	159.071	40992.328
47973.023	31.449	32.622
24.395	1.023	
11/17/2016 5:30:00 PM	156600.000	70.607
17.388	159.050	41013.387
47991.105	31.463	32.634
24.382	1.023	
11/17/2016 5:45:00 PM	157500.000	70.597
17.378	159.027	40961.359
47941.070	31.426	32.600
24.413	1.023	
11/17/2016 6:00:00 PM	158400.000	70.581
17.396	158.990	41002.961
47969.637	31.448	32.619
24.388	1.023	
11/17/2016 6:15:00 PM	159300.000	70.568
17.378	158.961	41012.012
47999.324	31.468	32.640
24.383	1.023	
11/17/2016 6:30:00 PM	160200.000	70.558
17.382	158.939	41005.656
47987.672	31.460	32.632

24.387	1.023	
11/17/2016 6:45:00 PM	161100.000	70.540
17.383	158.897	41038.773
48025.590	31.488	32.657
24.367	1.023	
11/17/2016 7:00:00 PM	162000.000	70.524
17.390	158.863	41007.750
47982.160	31.457	32.628
24.386	1.023	
11/17/2016 7:15:00 PM	162900.000	70.525
17.384	158.863	41019.594
48001.828	31.471	32.641
24.379	1.023	
11/17/2016 7:30:00 PM	163800.000	70.514
17.388	158.839	41028.301
48008.465	31.476	32.646
24.373	1.023	
11/17/2016 7:45:00 PM	164700.000	70.493
17.388	158.792	40995.848
47970.492	31.448	32.620
24.393	1.023	
11/17/2016 8:00:00 PM	165600.000	70.489
17.381	158.783	40984.117
47963.969	31.443	32.616
24.400	1.023	
11/17/2016 8:15:00 PM	166500.000	70.480
17.386	158.763	41028.309
48010.617	31.477	32.647
24.373	1.023	
11/17/2016 8:30:00 PM	167400.000	70.476
17.383	158.755	40997.930
47978.250	31.453	32.625
24.391	1.023	
11/17/2016 8:45:00 PM	168300.000	70.472
17.383	158.745	40969.852
47944.934	31.429	32.603
24.408	1.023	
11/17/2016 9:00:00 PM	169200.000	70.463
17.387	158.726	41020.832
48000.938	31.470	32.641
24.378	1.023	
11/17/2016 9:15:00 PM	170100.000	70.456
17.386	158.709	41034.266
48016.844	31.482	32.651
24.370	1.023	
11/17/2016 9:30:00 PM	171000.000	70.463
17.385	158.725	41005.082
47984.004	31.458	32.629
24.387	1.023	
11/17/2016 9:45:00 PM	171900.000	70.450
17.377	158.695	41032.547
48025.145	31.487	32.657
24.371	1.023	
11/17/2016 10:00:00 PM	172800.000	70.457
17.380	158.712	40976.051
47955.648	31.437	32.610
24.404	1.023	

11/17/2016 10:15:00 PM	173700.000	70.452
17.379	158.699	40971.109
47950.430	31.433	32.606
24.407	1.023	
11/17/2016 10:30:00 PM	174600.000	70.459
17.385	158.716	41000.148
47978.977	31.454	32.626
24.390	1.023	
11/17/2016 10:45:00 PM	175500.000	70.462
17.392	158.722	41010.652
47982.746	31.457	32.628
24.384	1.023	
11/17/2016 11:00:00 PM	176400.000	70.467
17.394	158.735	41008.781
47978.496	31.454	32.625
24.385	1.023	
11/17/2016 11:15:00 PM	177300.000	70.468
17.382	158.735	41027.512
48013.344	31.479	32.649
24.374	1.023	
11/17/2016 11:30:00 PM	178200.000	70.467
17.385	158.735	40998.230
47975.707	31.452	32.623
24.391	1.023	
11/17/2016 11:45:00 PM	179100.000	70.472
17.385	158.746	40991.379
47968.066	31.446	32.618
24.395	1.023	
11/18/2016 12:00:00 AM	180000.000	70.482
17.379	158.768	41026.395
48016.066	31.481	32.651
24.375	1.023	
11/18/2016 12:15:00 AM	180900.000	70.493
17.386	158.793	41024.461
48006.035	31.474	32.644
24.376	1.023	
11/18/2016 12:30:00 AM	181800.000	70.494
17.386	158.794	40999.211
47976.566	31.452	32.624
24.391	1.023	
11/18/2016 12:45:00 AM	182700.000	70.499
17.382	158.806	40988.551
47967.563	31.445	32.618
24.397	1.023	
11/18/2016 1:00:00 AM	183600.000	70.507
17.393	158.825	41033.031
48008.180	31.476	32.646
24.371	1.023	
11/18/2016 1:15:00 AM	184500.000	70.515
17.382	158.841	41007.887
47991.043	31.463	32.634
24.386	1.023	
11/18/2016 1:30:00 AM	185400.000	70.530
17.389	158.876	41005.813
47980.734	31.455	32.627
24.387	1.023	
11/18/2016 1:45:00 AM	186300.000	70.531

17.384	158.877	41035.641
48021.547	31.485	32.655
24.369	1.023	
11/18/2016 2:00:00 AM	187200.000	70.541
17.384	158.899	40983.633
47960.023	31.440	32.613
24.400	1.023	
11/18/2016 2:15:00 AM	188100.000	70.543
17.392	158.904	41017.266
47990.773	31.463	32.634
24.380	1.023	
11/18/2016 2:30:00 AM	189000.000	70.556
17.370	158.935	40994.922
47988.121	31.460	32.632
24.393	1.023	
11/18/2016 2:45:00 AM	189900.000	70.551
17.384	158.924	40996.457
47975.586	31.451	32.623
24.392	1.023	
11/18/2016 3:00:00 AM	190800.000	70.560
17.376	158.944	40994.656
47982.195	31.456	32.628
24.393	1.023	
11/18/2016 3:15:00 AM	191700.000	70.564
17.384	158.951	40961.930
47934.723	31.422	32.596
24.413	1.023	
11/18/2016 3:30:00 AM	192600.000	70.567
17.387	158.960	40994.184
47968.910	31.447	32.619
24.394	1.023	
11/18/2016 3:45:00 AM	193500.000	70.573
17.387	158.972	41025.023
48005.094	31.473	32.643
24.375	1.023	
11/18/2016 4:00:00 AM	194400.000	70.577
17.391	158.981	40985.707
47955.059	31.437	32.609
24.399	1.023	
11/18/2016 4:15:00 AM	195300.000	70.585
17.381	158.999	41013.473
47998.324	31.468	32.639
24.382	1.023	
11/18/2016 4:30:00 AM	196200.000	70.581
17.386	158.991	40940.527
47907.898	31.402	32.577
24.426	1.023	
11/18/2016 4:45:00 AM	197100.000	70.591
17.376	159.012	41004.973
47993.246	31.464	32.635
24.387	1.023	
11/18/2016 5:00:00 AM	198000.000	70.582
17.374	158.992	40990.637
47978.895	31.453	32.626
24.396	1.023	
11/18/2016 5:15:00 AM	198900.000	70.584
17.389	158.997	40973.234

47942.426	31.427	32.601
24.406	1.023	
11/18/2016 5:30:00 AM	199800.000	70.584
17.389	158.997	41006.813
47982.473	31.457	32.628
24.386	1.023	
11/18/2016 5:45:00 AM	200700.000	70.579
17.377	158.985	40982.742
47966.383	31.444	32.617
24.401	1.023	
11/18/2016 6:00:00 AM	201600.000	70.585
17.386	158.999	40991.027
47966.910	31.445	32.618
24.396	1.023	
11/18/2016 6:15:00 AM	202500.000	70.586
17.390	159.002	41029.648
48008.059	31.475	32.645
24.373	1.023	
11/18/2016 6:30:00 AM	203400.000	70.577
17.386	158.981	41033.793
48017.035	31.482	32.652
24.370	1.023	
11/18/2016 6:45:00 AM	204300.000	70.580
17.389	158.988	41007.195
47982.164	31.456	32.628
24.386	1.023	
11/18/2016 7:00:00 AM	205200.000	70.574
17.382	158.974	40960.027
47934.184	31.421	32.595
24.414	1.023	
11/18/2016 7:15:00 AM	206100.000	70.577
17.387	158.981	41007.180
47984.492	31.458	32.629
24.386	1.023	
11/18/2016 7:30:00 AM	207000.000	70.571
17.388	158.969	41005.949
47982.023	31.456	32.628
24.387	1.023	
11/18/2016 7:45:00 AM	207900.000	70.583
17.383	158.996	41000.621
47981.320	31.456	32.627
24.390	1.023	
11/18/2016 8:00:00 AM	208800.000	70.574
17.382	158.974	40990.668
47970.504	31.448	32.620
24.396	1.023	
11/18/2016 8:15:00 AM	209700.000	70.577
17.385	158.982	41011.000
47991.582	31.463	32.634
24.384	1.023	
11/18/2016 8:30:00 AM	210600.000	70.566
17.382	158.956	40997.430
47978.418	31.453	32.625
24.392	1.023	
11/18/2016 8:45:00 AM	211500.000	70.574
17.379	158.974	41012.688
47999.551	31.469	32.640

24.383	1.023	
11/18/2016 9:00:00 AM	212400.000	70.580
17.390	158.988	41014.156
47989.375	31.462	32.633
24.382	1.023	
11/18/2016 9:15:00 AM	213300.000	70.578
17.378	158.984	40988.555
47972.246	31.449	32.621
24.397	1.023	
11/18/2016 9:30:00 AM	214200.000	70.578
17.392	158.985	41031.785
48007.762	31.475	32.645
24.371	1.023	
11/18/2016 9:45:00 AM	215100.000	70.584
17.389	158.998	41005.387
47979.859	31.455	32.626
24.387	1.023	
11/18/2016 10:00:00 AM	216000.000	70.584
17.383	158.998	40983.438
47960.539	31.440	32.613
24.400	1.023	
11/18/2016 10:15:00 AM	216900.000	70.597
17.379	159.027	41007.551
47994.012	31.465	32.636
24.386	1.023	
11/18/2016 10:30:00 AM	217800.000	70.596
17.381	159.025	40989.969
47970.344	31.447	32.620
24.396	1.023	
11/18/2016 10:45:00 AM	218700.000	70.605
17.385	159.045	41018.598
48000.566	31.470	32.640
24.379	1.023	
11/18/2016 11:00:00 AM	219600.000	70.621
17.380	159.080	40996.910
47979.680	31.454	32.626
24.392	1.023	
11/18/2016 11:15:00 AM	220500.000	70.620
17.388	159.079	40978.855
47950.699	31.433	32.606
24.403	1.023	
11/18/2016 11:30:00 AM	221400.000	70.617
17.380	159.071	41022.418
48010.102	31.476	32.647
24.377	1.023	
11/18/2016 11:45:00 AM	222300.000	70.634
17.388	159.111	41022.605
48001.699	31.471	32.641
24.377	1.023	
11/18/2016 12:00:00 PM	223200.000	70.637
17.382	159.116	40991.004
47970.621	31.448	32.620
24.396	1.023	
11/18/2016 12:15:00 PM	224100.000	70.651
17.388	159.148	40992.219
47966.336	31.445	32.617
24.395	1.023	

11/18/2016 12:30:00 PM	225000.000	70.665
17.382	159.179	40984.906
47963.672	31.443	32.615
24.399	1.023	
11/18/2016 12:45:00 PM	225900.000	70.667
17.376	159.184	40992.992
47979.313	31.454	32.626
24.394	1.023	
11/18/2016 1:00:00 PM	226800.000	70.667
17.384	159.185	41020.875
48003.793	31.472	32.643
24.378	1.023	
11/18/2016 1:15:00 PM	227700.000	70.682
17.379	159.218	40982.688
47963.980	31.443	32.616
24.401	1.023	
11/18/2016 1:30:00 PM	228600.000	70.682
17.391	159.218	41006.930
47979.703	31.455	32.626
24.386	1.023	
11/18/2016 1:45:00 PM	229500.000	70.680
17.387	159.213	41019.445
47999.316	31.469	32.640
24.379	1.023	
11/18/2016 2:00:00 PM	230400.000	70.693
17.382	159.243	40983.102
47961.652	31.441	32.614
24.400	1.023	
11/18/2016 2:15:00 PM	231300.000	70.697
17.391	159.251	41014.746
47988.848	31.462	32.632
24.381	1.023	
11/18/2016 2:30:00 PM	232200.000	70.698
17.393	159.253	41018.434
47991.770	31.464	32.634
24.379	1.023	
11/18/2016 2:45:00 PM	233100.000	70.694
17.381	159.245	40989.801
47970.621	31.448	32.620
24.396	1.023	
11/18/2016 3:00:00 PM	234000.000	70.696
17.380	159.249	41004.668
47988.863	31.461	32.632
24.387	1.023	
11/18/2016 3:15:00 PM	234900.000	70.696
17.386	159.249	41038.246
48021.871	31.485	32.655
24.368	1.023	
11/18/2016 3:30:00 PM	235800.000	70.694
17.382	159.246	41033.055
48019.922	31.484	32.654
24.371	1.023	
11/18/2016 3:45:00 PM	236700.000	70.697
17.378	159.251	41014.887
48002.973	31.471	32.642
24.381	1.023	
11/18/2016 4:00:00 PM	237600.000	70.684

17.380	159.222	41016.301
48003.023	31.471	32.642
24.381	1.023	
11/18/2016 4:15:00 PM	238500.000	70.679
17.390	159.211	40990.715
47962.414	31.442	32.614
24.396	1.023	
11/18/2016 4:30:00 PM	239400.000	70.667
17.391	159.185	41024.543
48000.500	31.470	32.640
24.376	1.023	
11/18/2016 4:45:00 PM	240300.000	70.666
17.391	159.182	41030.086
48006.609	31.475	32.644
24.372	1.023	
11/18/2016 5:00:00 PM	241200.000	70.657
17.378	159.162	41022.227
48012.121	31.478	32.648
24.377	1.023	
11/18/2016 5:15:00 PM	242100.000	70.642
17.388	159.129	41028.480
48008.109	31.475	32.646
24.373	1.023	
11/18/2016 5:30:00 PM	243000.000	70.638
17.389	159.119	41003.129
47977.699	31.453	32.625
24.388	1.023	
11/18/2016 5:45:00 PM	243900.000	70.632
17.385	159.106	40999.906
47978.316	31.453	32.625
24.390	1.023	
11/18/2016 6:00:00 PM	244800.000	70.612
17.389	159.060	41004.008
47978.918	31.454	32.626
24.388	1.023	
11/18/2016 6:15:00 PM	245700.000	70.608
17.378	159.052	41024.730
48014.398	31.479	32.650
24.376	1.023	
11/18/2016 6:30:00 PM	246600.000	70.586
17.383	159.001	41009.695
47992.211	31.463	32.635
24.384	1.023	
11/18/2016 6:45:00 PM	247500.000	70.580
17.389	158.988	41038.480
48018.961	31.483	32.653
24.367	1.023	
11/18/2016 7:00:00 PM	248400.000	70.573
17.382	158.973	40991.395
47971.078	31.448	32.620
24.395	1.023	
11/18/2016 7:15:00 PM	249300.000	70.549
17.382	158.919	40974.480
47951.285	31.434	32.607
24.405	1.023	
11/18/2016 7:30:00 PM	250200.000	70.542
17.379	158.903	40988.426

47971.629	31.448	32.621
24.397	1.023	
11/18/2016 7:45:00 PM	251100.000	70.539
17.386	158.895	41032.641
48015.500	31.481	32.651
24.371	1.023	
11/18/2016 8:00:00 PM	252000.000	70.520
17.388	158.852	41007.469
47984.258	31.458	32.629
24.386	1.023	
11/18/2016 8:15:00 PM	252900.000	70.512
17.385	158.836	41031.094
48015.094	31.480	32.650
24.372	1.023	
11/18/2016 8:30:00 PM	253800.000	70.505
17.387	158.820	41014.230
47992.652	31.464	32.635
24.382	1.023	
11/18/2016 8:45:00 PM	254700.000	70.493
17.381	158.793	40996.539
47978.508	31.453	32.625
24.392	1.023	
11/18/2016 9:00:00 PM	255600.000	70.482
17.379	158.768	41013.004
47999.652	31.469	32.640
24.383	1.023	
11/18/2016 9:15:00 PM	256500.000	70.474
17.388	158.750	41026.273
48005.906	31.474	32.644
24.375	1.023	
11/18/2016 9:30:00 PM	257400.000	70.466
17.376	158.732	41023.129
48014.496	31.479	32.650
24.376	1.023	
11/18/2016 9:45:00 PM	258300.000	70.476
17.395	158.754	41015.242
47984.938	31.459	32.630
24.381	1.023	
11/18/2016 10:00:00 PM	259200.000	70.463
17.386	158.725	41027.555
48009.090	31.476	32.646
24.374	1.023	
11/18/2016 10:15:00 PM	260100.000	70.458
17.389	158.713	41002.223
47976.910	31.453	32.624
24.389	1.023	
11/18/2016 10:30:00 PM	261000.000	70.453
17.388	158.702	41060.023
48045.398	31.503	32.671
24.355	1.023	
11/18/2016 10:45:00 PM	261900.000	70.453
17.388	158.702	41010.402
47987.422	31.460	32.631
24.384	1.023	
11/18/2016 11:00:00 PM	262800.000	70.450
17.382	158.695	41000.406
47981.813	31.456	32.628

24.390	1.023	
11/18/2016 11:15:00 PM	263700.000	70.456
17.376	158.710	40977.004
47960.508	31.440	32.613
24.404	1.023	
11/18/2016 11:30:00 PM	264600.000	70.454
17.389	158.705	40983.887
47955.375	31.437	32.610
24.400	1.023	
11/18/2016 11:45:00 PM	265500.000	70.456
17.384	158.709	41025.199
48009.141	31.476	32.646
24.375	1.023	
11/19/2016 12:00:00 AM	266400.000	70.458
17.383	158.713	41029.898
48015.852	31.481	32.651
24.372	1.023	
11/19/2016 12:15:00 AM	267300.000	70.462
17.389	158.722	41013.547
47990.078	31.462	32.633
24.382	1.023	
11/19/2016 12:30:00 AM	268200.000	70.469
17.388	158.738	41025.152
48004.492	31.473	32.643
24.375	1.023	
11/19/2016 12:45:00 AM	269100.000	70.474
17.385	158.750	41021.168
48003.480	31.472	32.642
24.378	1.023	
11/19/2016 1:00:00 AM	270000.000	70.478
17.386	158.758	41012.664
47992.496	31.464	32.635
24.383	1.023	
11/19/2016 1:15:00 AM	270900.000	70.489
17.381	158.783	40994.387
47975.621	31.451	32.623
24.394	1.023	
11/19/2016 1:30:00 AM	271800.000	70.494
17.384	158.794	41001.676
47981.137	31.455	32.627
24.389	1.023	
11/19/2016 1:45:00 AM	272700.000	70.497
17.377	158.801	41003.695
47991.375	31.462	32.634
24.388	1.023	
11/19/2016 2:00:00 AM	273600.000	70.503
17.378	158.815	41005.031
47991.719	31.463	32.634
24.387	1.023	
11/19/2016 2:15:00 AM	274500.000	70.509
17.382	158.828	41002.691
47984.773	31.458	32.630
24.389	1.023	
11/19/2016 2:30:00 AM	275400.000	70.519
17.379	158.851	40997.949
47982.680	31.456	32.628
24.391	1.023	

11/19/2016 2:45:00 AM	276300.000	70.524
17.381	158.863	40985.957
47966.125	31.444	32.617
24.399	1.023	
11/19/2016 3:00:00 AM	277200.000	70.534
17.386	158.885	41020.023
48001.023	31.470	32.641
24.378	1.023	
11/19/2016 3:15:00 AM	278100.000	70.544
17.385	158.907	40961.113
47932.461	31.420	32.594
24.413	1.023	
11/19/2016 3:30:00 AM	279000.000	70.552
17.382	158.925	41033.008
48020.344	31.484	32.654
24.371	1.023	
11/19/2016 3:45:00 AM	279900.000	70.554
17.385	158.930	41042.426
48028.355	31.490	32.659
24.365	1.023	
11/19/2016 4:00:00 AM	280800.000	70.563
17.392	158.950	41009.758
47981.988	31.457	32.628
24.384	1.023	
11/19/2016 4:15:00 AM	281700.000	70.567
17.382	158.960	41013.387
47997.379	31.467	32.638
24.382	1.023	
11/19/2016 4:30:00 AM	282600.000	70.573
17.381	158.972	40999.102
47981.324	31.455	32.627
24.391	1.023	
11/19/2016 4:45:00 AM	283500.000	70.571
17.388	158.969	40982.438
47954.137	31.436	32.609
24.401	1.023	
11/19/2016 5:00:00 AM	284400.000	70.585
17.387	159.000	41030.742
48012.164	31.478	32.648
24.372	1.023	
11/19/2016 5:15:00 AM	285300.000	70.586
17.374	159.002	40962.617
47946.664	31.430	32.604
24.413	1.023	
11/19/2016 5:30:00 AM	286200.000	70.584
17.382	158.997	41027.223
48012.820	31.479	32.649
24.374	1.023	
11/19/2016 5:45:00 AM	287100.000	70.591
17.377	159.012	40987.082
47971.742	31.448	32.621
24.398	1.023	
11/19/2016 6:00:00 AM	288000.000	70.592
17.386	159.016	41012.242
47991.734	31.463	32.634
24.383	1.023	
11/19/2016 6:15:00 AM	288900.000	70.595

17.382	159.022	41026.801
48012.512	31.478	32.649
24.374	1.023	
11/19/2016 6:30:00 AM	289800.000	70.600
17.383	159.034	40990.070
47968.301	31.446	32.618
24.396	1.023	
11/19/2016 6:45:00 AM	290700.000	70.597
17.382	159.026	41031.563
48018.363	31.483	32.652
24.371	1.023	
11/19/2016 7:00:00 AM	291600.000	70.596
17.385	159.024	40968.582
47941.293	31.426	32.600
24.409	1.023	
11/19/2016 7:15:00 AM	292500.000	70.595
17.388	159.022	41029.430
48009.309	31.476	32.646
24.373	1.023	
11/19/2016 7:30:00 AM	293400.000	70.592
17.386	159.016	41027.043
48008.395	31.476	32.646
24.374	1.023	
11/19/2016 7:45:00 AM	294300.000	70.601
17.394	159.036	41049.773
48026.836	31.489	32.658
24.361	1.023	
11/19/2016 8:00:00 AM	295200.000	70.591
17.388	159.014	40998.121
47972.676	31.449	32.621
24.391	1.023	
11/19/2016 8:15:00 AM	296100.000	70.600
17.384	159.034	41038.176
48024.406	31.487	32.657
24.368	1.023	
11/19/2016 8:30:00 AM	297000.000	70.591
17.381	159.014	40991.766
47973.199	31.449	32.622
24.395	1.023	
11/19/2016 8:45:00 AM	297900.000	70.595
17.381	159.022	40997.234
47979.680	31.454	32.626
24.392	1.023	
11/19/2016 9:00:00 AM	298800.000	70.591
17.378	159.014	40956.539
47935.152	31.421	32.596
24.416	1.023	
11/19/2016 9:15:00 AM	299700.000	70.590
17.387	159.010	41018.160
47997.250	31.467	32.638
24.379	1.023	
11/19/2016 9:30:00 AM	300600.000	70.589
17.379	159.009	41019.719
48008.254	31.475	32.646
24.379	1.023	
11/19/2016 9:45:00 AM	301500.000	70.589
17.387	159.009	40997.371

47972.641	31.449	32.621
24.392	1.023	
11/19/2016 10:00:00 AM	302400.000	70.601
17.385	159.036	41026.137
48008.641	31.476	32.646
24.375	1.023	
11/19/2016 10:15:00 AM	303300.000	70.602
17.386	159.038	41000.125
47977.559	31.453	32.625
24.390	1.023	
11/19/2016 10:30:00 AM	304200.000	70.603
17.393	159.039	40998.348
47967.332	31.446	32.618
24.391	1.023	
11/19/2016 10:45:00 AM	305100.000	70.610
17.388	159.056	41017.809
47996.188	31.467	32.637
24.380	1.023	
11/19/2016 11:00:00 AM	306000.000	70.618
17.383	159.074	41025.809
48010.609	31.477	32.647
24.375	1.023	
11/19/2016 11:15:00 AM	306900.000	70.612
17.383	159.060	41005.473
47986.996	31.460	32.631
24.387	1.023	
11/19/2016 11:30:00 AM	307800.000	70.628
17.376	159.096	41015.910
48006.047	31.473	32.644
24.381	1.023	
11/19/2016 11:45:00 AM	308700.000	70.632
17.385	159.106	40981.227
47956.184	31.437	32.610
24.401	1.023	
11/19/2016 12:00:00 PM	309600.000	70.641
17.389	159.125	40998.516
47972.492	31.449	32.621
24.391	1.023	
11/19/2016 12:15:00 PM	310500.000	70.643
17.391	159.131	40999.918
47972.242	31.449	32.621
24.390	1.023	
11/19/2016 12:30:00 PM	311400.000	70.651
17.384	159.148	41047.984
48035.328	31.495	32.664
24.362	1.023	
11/19/2016 12:45:00 PM	312300.000	70.652
17.386	159.150	41019.898
48000.777	31.470	32.641
24.378	1.023	
11/19/2016 1:00:00 PM	313200.000	70.653
17.380	159.153	40965.406
47942.914	31.427	32.601
24.411	1.023	
11/19/2016 1:15:00 PM	314100.000	70.666
17.386	159.182	41011.887
47991.215	31.463	32.634

24.383	1.023	
11/19/2016 1:30:00 PM	315000.000	70.676
17.396	159.204	41019.371
47989.203	31.462	32.633
24.379	1.023	
11/19/2016 1:45:00 PM	315900.000	70.682
17.379	159.218	41002.766
47987.938	31.460	32.632
24.389	1.023	
11/19/2016 2:00:00 PM	316800.000	70.682
17.384	159.218	41027.469
48011.133	31.477	32.648
24.374	1.023	
11/19/2016 2:15:00 PM	317700.000	70.697
17.387	159.251	41027.824
48008.465	31.476	32.646
24.374	1.023	
11/19/2016 2:30:00 PM	318600.000	70.695
17.381	159.248	41017.406
48003.285	31.471	32.642
24.380	1.023	
11/19/2016 2:45:00 PM	319500.000	70.704
17.389	159.268	41064.969
48050.141	31.506	32.674
24.352	1.023	
11/19/2016 3:00:00 PM	320400.000	70.703
17.379	159.266	41037.609
48029.004	31.490	32.660
24.368	1.023	
11/19/2016 3:15:00 PM	321300.000	70.701
17.383	159.260	40986.867
47964.848	31.443	32.616
24.398	1.023	
11/19/2016 3:30:00 PM	322200.000	70.712
17.376	159.287	41021.273
48012.605	31.478	32.649
24.378	1.023	
11/19/2016 3:45:00 PM	323100.000	70.713
17.382	159.287	40991.129
47971.332	31.448	32.621
24.396	1.023	
11/19/2016 4:00:00 PM	324000.000	70.714
17.385	159.291	40980.688
47955.922	31.437	32.610
24.402	1.023	
11/19/2016 4:15:00 PM	324900.000	70.705
17.389	159.271	40996.246
47969.836	31.447	32.619
24.392	1.023	
11/19/2016 4:30:00 PM	325800.000	70.714
17.387	159.291	41007.258
47984.211	31.458	32.629
24.386	1.023	
11/19/2016 4:45:00 PM	326700.000	70.713
17.390	159.287	41008.375
47982.988	31.457	32.628
24.385	1.023	

11/19/2016 5:00:00 PM	327600.000	70.709
17.378	159.279	41020.992
48010.777	31.477	32.647
24.378	1.023	
11/19/2016 5:15:00 PM	328500.000	70.705
17.385	159.269	40988.711
47965.402	31.444	32.616
24.397	1.023	
11/19/2016 5:30:00 PM	329400.000	70.698
17.383	159.254	41004.742
47986.035	31.459	32.631
24.387	1.023	
11/19/2016 5:45:00 PM	330300.000	70.690
17.392	159.237	40992.602
47961.816	31.442	32.614
24.395	1.023	
11/19/2016 6:00:00 PM	331200.000	70.683
17.385	159.221	41025.125
48008.012	31.475	32.645
24.375	1.023	
11/19/2016 6:15:00 PM	332100.000	70.682
17.383	159.218	41012.848
47994.957	31.466	32.637
24.383	1.023	
11/19/2016 6:30:00 PM	333000.000	70.674
17.381	159.200	41001.328
47984.012	31.457	32.629
24.389	1.023	
11/19/2016 6:45:00 PM	333900.000	70.664
17.378	159.179	40997.137
47982.758	31.456	32.628
24.392	1.023	
11/19/2016 7:00:00 PM	334800.000	70.674
17.383	159.199	40976.160
47952.023	31.434	32.607
24.404	1.023	
11/19/2016 7:15:00 PM	335700.000	70.654
17.389	159.156	41007.910
47983.000	31.457	32.628
24.386	1.023	
11/19/2016 7:30:00 PM	336600.000	70.637
17.390	159.116	41028.387
48006.027	31.474	32.644
24.373	1.023	
11/19/2016 7:45:00 PM	337500.000	70.623
17.386	159.086	41016.051
47996.086	31.466	32.637
24.381	1.023	
11/19/2016 8:00:00 PM	338400.000	70.612
17.386	159.060	41020.379
48000.883	31.470	32.641
24.378	1.023	
11/19/2016 8:15:00 PM	339300.000	70.614
17.384	159.065	41010.402
47991.906	31.463	32.634
24.384	1.023	
11/19/2016 8:30:00 PM	340200.000	70.607

17.383	159.048	41001.566
47982.699	31.456	32.628
24.389	1.023	
11/19/2016 8:45:00 PM	341100.000	70.594
17.391	159.020	41014.629
47989.273	31.462	32.633
24.382	1.023	
11/19/2016 9:00:00 PM	342000.000	70.592
17.387	159.016	41008.496
47985.945	31.459	32.630
24.385	1.023	
11/19/2016 9:15:00 PM	342900.000	70.584
17.382	158.997	40990.805
47971.133	31.448	32.620
24.396	1.023	
11/19/2016 9:30:00 PM	343800.000	70.573
17.386	158.972	41029.047
48011.027	31.477	32.647
24.373	1.023	
11/19/2016 9:45:00 PM	344700.000	70.573
17.388	158.973	41042.715
48024.953	31.488	32.657
24.365	1.023	
11/19/2016 10:00:00 PM	345600.000	70.565
17.388	158.955	40974.660
47945.035	31.429	32.603
24.405	1.023	
11/19/2016 10:15:00 PM	346500.000	70.558
17.381	158.940	40984.383
47964.102	31.443	32.616
24.400	1.023	
11/19/2016 10:30:00 PM	347400.000	70.551
17.379	158.924	41042.414
48033.879	31.494	32.663
24.365	1.023	
11/19/2016 10:45:00 PM	348300.000	70.554
17.393	158.929	41021.852
47995.582	31.467	32.637
24.377	1.023	
11/19/2016 11:00:00 PM	349200.000	70.546
17.385	158.911	41015.109
47996.105	31.466	32.637
24.381	1.023	
11/19/2016 11:15:00 PM	350100.000	70.546
17.386	158.911	41007.160
47985.684	31.459	32.630
24.386	1.023	
11/19/2016 11:30:00 PM	351000.000	70.552
17.396	158.926	41023.266
47993.668	31.465	32.636
24.376	1.023	
11/19/2016 11:45:00 PM	351900.000	70.542
17.394	158.903	41031.258
48005.270	31.474	32.644
24.372	1.023	
11/20/2016 12:00:00 AM	352800.000	70.543
17.390	158.904	41009.703

47984.723	31.458	32.630
24.384	1.023	
11/20/2016 12:15:00 AM	353700.000	70.554
17.382	158.929	41020.988
48006.375	31.474	32.644
24.378	1.023	
11/20/2016 12:30:00 AM	354600.000	70.550
17.392	158.921	41030.418
48006.063	31.474	32.644
24.372	1.023	
11/20/2016 12:45:00 AM	355500.000	70.556
17.378	158.934	41017.750
48006.324	31.474	32.644
24.380	1.023	
11/20/2016 1:00:00 AM	356400.000	70.561
17.393	158.946	41035.887
48012.191	31.479	32.648
24.369	1.023	
11/20/2016 1:15:00 AM	357300.000	70.562
17.385	158.948	41016.445
47998.047	31.468	32.639
24.380	1.023	
11/20/2016 1:30:00 AM	358200.000	70.573
17.381	158.973	41004.141
47987.574	31.460	32.632
24.388	1.023	
11/20/2016 1:45:00 AM	359100.000	70.585
17.384	159.000	41004.883
47985.367	31.459	32.630
24.387	1.023	
11/20/2016 2:00:00 AM	360000.000	70.585
17.390	158.999	41007.500
47982.055	31.456	32.628
24.386	1.023	
11/20/2016 2:15:00 AM	360900.000	70.597
17.379	159.027	41017.195
48004.746	31.472	32.643
24.380	1.023	
11/20/2016 2:30:00 AM	361800.000	70.608
17.382	159.052	40998.656
47980.430	31.455	32.627
24.391	1.023	
11/20/2016 2:45:00 AM	362700.000	70.618
17.383	159.074	41032.617
48018.281	31.483	32.652
24.371	1.023	
11/20/2016 3:00:00 AM	363600.000	70.626
17.378	159.092	41022.738
48012.352	31.478	32.648
24.377	1.023	
11/20/2016 3:15:00 AM	364500.000	70.626
17.386	159.092	41006.352
47984.922	31.458	32.630
24.386	1.023	
11/20/2016 3:30:00 AM	365400.000	70.638
17.392	159.119	41032.543
48008.648	31.476	32.646

24.371	1.023	
11/20/2016 3:45:00 AM	366300.000	70.651
17.379	159.148	40989.219
47972.082	31.449	32.621
24.397	1.023	
11/20/2016 4:00:00 AM	367200.000	70.659
17.386	159.167	41032.527
48015.473	31.481	32.651
24.371	1.023	
11/20/2016 4:15:00 AM	368100.000	70.665
17.389	159.181	41013.238
47989.891	31.462	32.633
24.382	1.023	
11/20/2016 4:30:00 AM	369000.000	70.671
17.378	159.193	41007.828
47994.711	31.465	32.636
24.386	1.023	
11/20/2016 4:45:00 AM	369900.000	70.684
17.378	159.222	41008.977
47996.805	31.467	32.638
24.385	1.023	
11/20/2016 5:00:00 AM	370800.000	70.688
17.380	159.231	41018.094
48004.578	31.472	32.643
24.379	1.023	
11/20/2016 5:15:00 AM	371700.000	70.694
17.382	159.246	41005.727
47987.852	31.460	32.632
24.387	1.023	
11/20/2016 5:30:00 AM	372600.000	70.699
17.379	159.256	40964.703
47943.770	31.428	32.602
24.411	1.023	
11/20/2016 5:45:00 AM	373500.000	70.712
17.376	159.287	40988.699
47974.949	31.450	32.623
24.397	1.023	
11/20/2016 6:00:00 AM	374400.000	70.714
17.379	159.291	41024.863
48013.906	31.479	32.649
24.375	1.023	
11/20/2016 6:15:00 AM	375300.000	70.713
17.378	159.287	41008.492
47995.301	31.465	32.637
24.385	1.023	
11/20/2016 6:30:00 AM	376200.000	70.721
17.386	159.306	41003.066
47980.703	31.455	32.627
24.388	1.023	
11/20/2016 6:45:00 AM	377100.000	70.724
17.383	159.313	40996.012
47975.926	31.452	32.624
24.393	1.023	
11/20/2016 7:00:00 AM	378000.000	70.730
17.375	159.326	41012.941
48004.160	31.472	32.643
24.383	1.023	

11/20/2016 7:15:00 AM	378900.000	70.720
17.389	159.305	41024.555
48003.039	31.472	32.642
24.376	1.023	
11/20/2016 7:30:00 AM	379800.000	70.725
17.385	159.315	41025.422
48007.992	31.475	32.645
24.375	1.023	
11/20/2016 7:45:00 AM	380700.000	70.725
17.384	159.315	41032.328
48017.379	31.482	32.652
24.371	1.023	
11/20/2016 8:00:00 AM	381600.000	70.731
17.386	159.328	41005.922
47984.047	31.458	32.629
24.387	1.023	
11/20/2016 8:15:00 AM	382500.000	70.734
17.387	159.335	41021.641
48001.602	31.471	32.641
24.377	1.023	
11/20/2016 8:30:00 AM	383400.000	70.727
17.383	159.320	41001.641
47981.840	31.456	32.628
24.389	1.023	
11/20/2016 8:45:00 AM	384300.000	70.727
17.388	159.320	41025.207
48004.082	31.472	32.643
24.375	1.023	
11/20/2016 9:00:00 AM	385200.000	70.740
17.385	159.349	41036.547
48020.922	31.485	32.654
24.369	1.023	
11/20/2016 9:15:00 AM	386100.000	70.740
17.392	159.349	40991.582
47960.434	31.441	32.613
24.395	1.023	
11/20/2016 9:30:00 AM	387000.000	70.732
17.387	159.331	41010.996
47989.246	31.462	32.633
24.384	1.023	
11/20/2016 9:45:00 AM	387900.000	70.727
17.384	159.319	40998.430
47977.152	31.453	32.624
24.391	1.023	
11/20/2016 10:00:00 AM	388800.000	70.732
17.383	159.331	41030.496
48016.281	31.481	32.651
24.372	1.023	
11/20/2016 10:15:00 AM	389700.000	70.736
17.387	159.340	41053.098
48038.324	31.497	32.666
24.359	1.023	
11/20/2016 10:30:00 AM	390600.000	70.739
17.388	159.347	41038.184
48020.121	31.484	32.654
24.368	1.023	
11/20/2016 10:45:00 AM	391500.000	70.740

17.387	159.349	41010.141
47987.492	31.460	32.631
24.384	1.023	
11/20/2016 11:00:00 AM	392400.000	70.736
17.388	159.340	41036.898
48018.148	31.483	32.652
24.368	1.023	
11/20/2016 11:15:00 AM	393300.000	70.739
17.384	159.347	41009.387
47990.070	31.462	32.633
24.385	1.023	
11/20/2016 11:30:00 AM	394200.000	70.731
17.385	159.329	40998.105
47976.117	31.452	32.624
24.391	1.023	
11/20/2016 11:45:00 AM	395100.000	70.739
17.378	159.345	41014.246
48002.504	31.471	32.642
24.382	1.023	
11/20/2016 12:00:00 PM	396000.000	70.746
17.389	159.363	41007.703
47982.480	31.457	32.628
24.386	1.023	
11/20/2016 12:15:00 PM	396900.000	70.748
17.379	159.367	40962.359
47940.934	31.426	32.600
24.413	1.023	
11/20/2016 12:30:00 PM	397800.000	70.752
17.380	159.375	41017.957
48004.961	31.473	32.643
24.380	1.023	
11/20/2016 12:45:00 PM	398700.000	70.753
17.383	159.377	41010.844
47992.609	31.464	32.635
24.384	1.023	
11/20/2016 1:00:00 PM	399600.000	70.761
17.385	159.397	41006.512
47986.328	31.459	32.631
24.386	1.023	
11/20/2016 1:15:00 PM	400500.000	70.756
17.388	159.385	41012.250
47989.582	31.462	32.633
24.383	1.023	
11/20/2016 1:30:00 PM	401400.000	70.763
17.394	159.401	41015.391
47986.703	31.460	32.631
24.381	1.023	
11/20/2016 1:45:00 PM	402300.000	70.773
17.383	159.424	41002.813
47983.695	31.457	32.629
24.389	1.023	
11/20/2016 2:00:00 PM	403200.000	70.772
17.384	159.422	41028.469
48012.590	31.478	32.649
24.373	1.023	
11/20/2016 2:15:00 PM	404100.000	70.778
17.383	159.435	41000.547

47980.938	31.455	32.627
24.390	1.023	
11/20/2016 2:30:00 PM	405000.000	70.787
17.391	159.456	41004.387
47976.914	31.453	32.624
24.388	1.023	
11/20/2016 2:45:00 PM	405900.000	70.787
17.387	159.455	40984.813
47957.855	31.439	32.611
24.399	1.023	
11/20/2016 3:00:00 PM	406800.000	70.795
17.382	159.473	40996.742
47977.613	31.453	32.625
24.392	1.023	
11/20/2016 3:15:00 PM	407700.000	70.791
17.383	159.464	40998.879
47978.902	31.454	32.626
24.391	1.023	
11/20/2016 3:30:00 PM	408600.000	70.800
17.382	159.484	40986.430
47965.547	31.444	32.617
24.398	1.023	
11/20/2016 3:45:00 PM	409500.000	70.803
17.379	159.490	40987.141
47969.938	31.447	32.620
24.398	1.023	
11/20/2016 4:00:00 PM	410400.000	70.803
17.377	159.490	40981.309
47965.359	31.443	32.616
24.401	1.023	
11/20/2016 4:15:00 PM	411300.000	70.810
17.390	159.505	40985.066
47955.051	31.437	32.609
24.399	1.023	
11/20/2016 4:30:00 PM	412200.000	70.806
17.385	159.498	41017.719
47999.348	31.469	32.640
24.380	1.023	
11/20/2016 4:45:00 PM	413100.000	70.810
17.375	159.506	41000.047
47989.258	31.461	32.633
24.390	1.023	
11/20/2016 5:00:00 PM	414000.000	70.812
17.382	159.510	41038.645
48026.848	31.489	32.658
24.367	1.023	
11/20/2016 5:15:00 PM	414900.000	70.810
17.383	159.506	41031.742
48018.012	31.482	32.652
24.371	1.023	
11/20/2016 5:30:00 PM	415800.000	70.800
17.386	159.484	40957.203
47926.668	31.416	32.590
24.416	1.023	
11/20/2016 5:45:00 PM	416700.000	70.811
17.375	159.508	40994.445
47982.043	31.456	32.628

24.394	1.023	
11/20/2016 6:00:00 PM	417600.000	70.804
17.386	159.493	41002.160
47979.645	31.454	32.626
24.389	1.023	
11/20/2016 6:15:00 PM	418500.000	70.800
17.379	159.484	41001.664
47986.566	31.459	32.631
24.389	1.023	
11/20/2016 6:30:00 PM	419400.000	70.799
17.380	159.481	40988.039
47969.676	31.447	32.619
24.397	1.023	
11/20/2016 6:45:00 PM	420300.000	70.799
17.385	159.482	41035.699
48020.199	31.484	32.654
24.369	1.023	
11/20/2016 7:00:00 PM	421200.000	70.791
17.394	159.464	41017.707
47989.227	31.462	32.633
24.380	1.023	
11/20/2016 7:15:00 PM	422100.000	70.776
17.388	159.430	41010.324
47987.602	31.460	32.632
24.384	1.023	
11/20/2016 7:30:00 PM	423000.000	70.772
17.368	159.421	41011.582
48010.070	31.476	32.647
24.383	1.023	
11/20/2016 7:45:00 PM	423900.000	70.770
17.380	159.417	40989.965
47972.121	31.449	32.621
24.396	1.023	
11/20/2016 8:00:00 PM	424800.000	70.755
17.379	159.382	41011.184
47998.168	31.468	32.639
24.384	1.023	
11/20/2016 8:15:00 PM	425700.000	70.753
17.384	159.377	40997.547
47976.492	31.452	32.624
24.392	1.023	
11/20/2016 8:30:00 PM	426600.000	70.748
17.386	159.367	41021.336
48002.559	31.471	32.642
24.378	1.023	
11/20/2016 8:45:00 PM	427500.000	70.732
17.384	159.331	40990.426
47968.340	31.446	32.618
24.396	1.023	
11/20/2016 9:00:00 PM	428400.000	70.724
17.389	159.313	41010.016
47985.570	31.459	32.630
24.384	1.023	
11/20/2016 9:15:00 PM	429300.000	70.717
17.390	159.298	40996.539
47968.762	31.447	32.619
24.392	1.023	

11/20/2016 9:30:00 PM	430200.000	70.713
17.384	159.287	41001.156
47980.629	31.455	32.627
24.390	1.023	
11/20/2016 9:45:00 PM	431100.000	70.699
17.380	159.257	41020.664
48007.664	31.475	32.645
24.378	1.023	
11/20/2016 10:00:00 PM	432000.000	70.690
17.381	159.237	41010.805
47994.727	31.465	32.636
24.384	1.023	
11/20/2016 10:15:00 PM	432900.000	70.688
17.384	159.231	41016.332
47998.953	31.468	32.639
24.381	1.023	
11/20/2016 10:30:00 PM	433800.000	70.684
17.386	159.224	41025.516
48006.785	31.474	32.645
24.375	1.023	
11/20/2016 10:45:00 PM	434700.000	70.677
17.388	159.208	41020.977
47999.605	31.469	32.640
24.378	1.023	
11/20/2016 11:00:00 PM	435600.000	70.667
17.384	159.184	41011.922
47993.496	31.464	32.636
24.383	1.023	
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17.379	159.179	41011.953
47998.230	31.468	32.639
24.383	1.023	
11/20/2016 11:30:00 PM	437400.000	70.664
17.376	159.179	40971.316
47953.852	31.435	32.609
24.407	1.023	
11/20/2016 11:45:00 PM	438300.000	70.654
17.384	159.154	41011.906
47992.832	31.464	32.635
24.383	1.023	
11/21/2016 12:00:00 AM	439200.000	70.648
17.388	159.142	41007.844
47984.340	31.458	32.629
24.386	1.023	
11/21/2016 12:15:00 AM	440100.000	70.654
17.384	159.156	40993.621
47971.898	31.449	32.621
24.394	1.023	
11/21/2016 12:30:00 AM	441000.000	70.654
17.387	159.156	41009.195
47987.230	31.460	32.631
24.385	1.023	
11/21/2016 12:45:00 AM	441900.000	70.654
17.391	159.155	41023.840
47999.863	31.470	32.640
24.376	1.023	
11/21/2016 1:00:00 AM	442800.000	70.658

17.384	159.165	41041.703
48028.266	31.490	32.659
24.365	1.023	
11/21/2016 1:15:00 AM	443700.000	70.655
17.380	159.157	41006.313
47991.441	31.463	32.634
24.386	1.023	
11/21/2016 1:30:00 AM	444600.000	70.654
17.382	159.155	41016.020
48000.750	31.470	32.641
24.381	1.023	
11/21/2016 1:45:00 AM	445500.000	70.654
17.385	159.154	41015.656
47996.566	31.467	32.638
24.381	1.023	
11/21/2016 2:00:00 AM	446400.000	70.661
17.389	159.172	41026.813
48005.773	31.474	32.644
24.374	1.023	
11/21/2016 2:15:00 AM	447300.000	70.671
17.382	159.193	41009.012
47991.883	31.463	32.634
24.385	1.023	
11/21/2016 2:30:00 AM	448200.000	70.669
17.384	159.188	41042.789
48029.160	31.491	32.660
24.365	1.023	
11/21/2016 2:45:00 AM	449100.000	70.683
17.380	159.220	40994.266
47977.066	31.452	32.624
24.394	1.023	
11/21/2016 3:00:00 AM	450000.000	70.678
17.383	159.210	41047.414
48035.785	31.495	32.664
24.362	1.023	
11/21/2016 3:15:00 AM	450900.000	70.688
17.378	159.231	41004.367
47991.219	31.462	32.634
24.388	1.023	
11/21/2016 3:30:00 AM	451800.000	70.694
17.386	159.245	40999.617
47976.855	31.452	32.624
24.390	1.023	
11/21/2016 3:45:00 AM	452700.000	70.699
17.384	159.256	41032.496
48016.926	31.482	32.652
24.371	1.023	
11/21/2016 4:00:00 AM	453600.000	70.708
17.382	159.277	41020.246
48005.406	31.473	32.644
24.378	1.023	
11/21/2016 4:15:00 AM	454500.000	70.720
17.381	159.304	40985.563
47965.375	31.444	32.616
24.399	1.023	
11/21/2016 4:30:00 AM	455400.000	70.719
17.382	159.301	41015.332

47998.996	31.468	32.639
24.381	1.023	
11/21/2016 4:45:00 AM	456300.000	70.731
17.386	159.329	41026.348
48008.137	31.475	32.646
24.375	1.023	
11/21/2016 5:00:00 AM	457200.000	70.739
17.382	159.347	41015.969
48000.402	31.469	32.640
24.381	1.023	
11/21/2016 5:15:00 AM	458100.000	70.738
17.379	159.345	41023.977
48012.387	31.478	32.648
24.376	1.023	
11/21/2016 5:30:00 AM	459000.000	70.752
17.381	159.375	41033.813
48021.840	31.485	32.655
24.370	1.023	
11/21/2016 5:45:00 AM	459900.000	70.758
17.385	159.388	41053.184
48040.848	31.499	32.668
24.359	1.023	
11/21/2016 6:00:00 AM	460800.000	70.762
17.377	159.398	41003.758
47991.262	31.462	32.634
24.388	1.023	
11/21/2016 6:15:00 AM	461700.000	70.762
17.384	159.399	41035.887
48021.082	31.485	32.654
24.369	1.023	
11/21/2016 6:30:00 AM	462600.000	70.765
17.379	159.405	41028.344
48017.605	31.482	32.652
24.373	1.023	
11/21/2016 6:45:00 AM	463500.000	70.772
17.383	159.420	41034.219
48020.070	31.484	32.654
24.370	1.023	
11/21/2016 7:00:00 AM	464400.000	70.778
17.389	159.435	41013.145
47989.418	31.462	32.633
24.382	1.023	
11/21/2016 7:15:00 AM	465300.000	70.779
17.380	159.435	41039.551
48029.688	31.491	32.660
24.367	1.023	
11/21/2016 7:30:00 AM	466200.000	70.772
17.382	159.422	41019.387
48003.648	31.472	32.642
24.379	1.023	
11/21/2016 7:45:00 AM	467100.000	70.771
17.391	159.419	41004.770
47977.918	31.453	32.625
24.387	1.023	
11/21/2016 8:00:00 AM	468000.000	70.772
17.387	159.422	41000.973
47977.043	31.453	32.624

24.390	1.023	
11/21/2016 8:15:00 AM	468900.000	70.779
17.374	159.435	40983.453
47970.578	31.447	32.620
24.400	1.023	
11/21/2016 8:30:00 AM	469800.000	70.771
17.378	159.418	41032.348
48023.691	31.486	32.656
24.371	1.023	
11/21/2016 8:45:00 AM	470700.000	70.772
17.386	159.420	41028.559
48010.168	31.477	32.647
24.373	1.023	
11/21/2016 9:00:00 AM	471600.000	70.773
17.387	159.424	41015.879
47994.395	31.465	32.636
24.381	1.023	
11/21/2016 9:15:00 AM	472500.000	70.765
17.379	159.404	41012.914
48000.191	31.469	32.640
24.383	1.023	
11/21/2016 9:30:00 AM	473400.000	70.758
17.385	159.389	41003.879
47982.781	31.457	32.628
24.388	1.023	
11/21/2016 9:45:00 AM	474300.000	70.759
17.377	159.392	40995.414
47981.215	31.455	32.627
24.393	1.023	
11/21/2016 10:00:00 AM	475200.000	70.759
17.385	159.392	41039.887
48024.918	31.488	32.657
24.367	1.023	
11/21/2016 10:15:00 AM	476100.000	70.756
17.384	159.385	40973.535
47947.930	31.431	32.605
24.406	1.023	
11/21/2016 10:30:00 AM	477000.000	70.751
17.390	159.373	40994.332
47966.273	31.445	32.617
24.394	1.023	
11/21/2016 10:45:00 AM	477900.000	70.749
17.385	159.369	41008.371
47987.762	31.460	32.632
24.385	1.023	
11/21/2016 11:00:00 AM	478800.000	70.747
17.383	159.364	41013.172
47996.277	31.466	32.637
24.382	1.023	
11/21/2016 11:15:00 AM	479700.000	70.747
17.384	159.364	40986.852
47963.699	31.443	32.615
24.398	1.023	
11/21/2016 11:30:00 AM	480600.000	70.748
17.380	159.367	41050.922
48043.270	31.501	32.669
24.360	1.023	

11/21/2016 11:45:00 AM	481500.000	70.742
17.379	159.353	41010.957
47997.523	31.467	32.638
24.384	1.023	
11/21/2016 12:00:00 PM	482400.000	70.739
17.374	159.347	40981.332
47968.094	31.445	32.618
24.401	1.023	
11/21/2016 12:15:00 PM	483300.000	70.734
17.383	159.336	41025.457
48010.465	31.477	32.647
24.375	1.023	
11/21/2016 12:30:00 PM	484200.000	70.739
17.389	159.347	41016.844
47993.832	31.465	32.636
24.380	1.023	
11/21/2016 12:45:00 PM	485100.000	70.734
17.388	159.335	41003.613
47978.813	31.454	32.626
24.388	1.023	
11/21/2016 1:00:00 PM	486000.000	70.732
17.381	159.331	41019.340
48005.469	31.473	32.644
24.379	1.023	
11/21/2016 1:15:00 PM	486900.000	70.731
17.378	159.329	41021.391
48011.055	31.477	32.648
24.378	1.023	
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17.384	159.343	41017.938
48000.355	31.469	32.640
24.380	1.023	
11/21/2016 1:45:00 PM	488700.000	70.727
17.378	159.319	41033.672
48025.707	31.488	32.657
24.370	1.023	
11/21/2016 2:00:00 PM	489600.000	70.733
17.393	159.334	41023.609
47997.156	31.468	32.638
24.376	1.023	
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17.389	159.336	41042.316
48023.363	31.487	32.656
24.365	1.023	
11/21/2016 2:30:00 PM	491400.000	70.736
17.383	159.340	41031.801
48018.078	31.482	32.652
24.371	1.023	
11/21/2016 2:45:00 PM	492300.000	70.742
17.388	159.354	40993.789
47967.320	31.446	32.618
24.394	1.023	
11/21/2016 3:00:00 PM	493200.000	70.746
17.379	159.363	41012.992
47999.906	31.469	32.640
24.383	1.023	
11/21/2016 3:15:00 PM	494100.000	70.747

17.384	159.365	40992.414
47970.668	31.448	32.620
24.395	1.023	
11/21/2016 3:30:00 PM	495000.000	70.747
17.383	159.364	41009.164
47991.129	31.463	32.634
24.385	1.023	
11/21/2016 3:45:00 PM	495900.000	70.750
17.383	159.372	41038.813
48025.906	31.488	32.658
24.367	1.023	
11/21/2016 4:00:00 PM	496800.000	70.750
17.383	159.371	41013.320
47996.453	31.467	32.638
24.382	1.023	
11/21/2016 4:15:00 PM	497700.000	70.750
17.380	159.372	41013.211
47998.941	31.468	32.639
24.382	1.023	
11/21/2016 4:30:00 PM	498600.000	70.756
17.375	159.385	41000.551
47989.281	31.461	32.633
24.390	1.023	
11/21/2016 4:45:00 PM	499500.000	70.763
17.390	159.401	41002.449
47975.770	31.452	32.624
24.389	1.023	
11/21/2016 5:00:00 PM	500400.000	70.758
17.384	159.388	41030.141
48015.004	31.480	32.650
24.372	1.023	
11/21/2016 5:15:00 PM	501300.000	70.763
17.382	159.401	41021.715
48007.309	31.474	32.645
24.377	1.023	
11/21/2016 5:30:00 PM	502200.000	70.758
17.382	159.389	41020.453
48005.559	31.473	32.644
24.378	1.023	
11/21/2016 5:45:00 PM	503100.000	70.755
17.376	159.382	41024.738
48017.313	31.481	32.652
24.376	1.023	
11/21/2016 6:00:00 PM	504000.000	70.750
17.379	159.372	41017.742
48005.195	31.473	32.644
24.380	1.023	
11/21/2016 6:15:00 PM	504900.000	70.759
17.380	159.391	41011.621
47997.082	31.467	32.638
24.383	1.023	
11/21/2016 6:30:00 PM	505800.000	70.759
17.378	159.391	41011.211
47999.230	31.468	32.639
24.384	1.023	
11/21/2016 6:45:00 PM	506700.000	70.758
17.389	159.388	41023.031

48001.258	31.470	32.641
24.377	1.023	
11/21/2016 7:00:00 PM	507600.000	70.750
17.385	159.372	41022.438
48004.867	31.473	32.643
24.377	1.023	
11/21/2016 7:15:00 PM	508500.000	70.745
17.386	159.360	41018.012
47997.824	31.468	32.639
24.380	1.023	
11/21/2016 7:30:00 PM	509400.000	70.738
17.384	159.345	41046.168
48033.762	31.494	32.663
24.363	1.023	
11/21/2016 7:45:00 PM	510300.000	70.736
17.384	159.340	40993.293
47971.695	31.449	32.621
24.394	1.023	
11/21/2016 8:00:00 PM	511200.000	70.736
17.386	159.340	40983.012
47956.867	31.438	32.611
24.400	1.023	
11/21/2016 8:15:00 PM	512100.000	70.732
17.389	159.330	41034.582
48014.398	31.480	32.650
24.370	1.023	
11/21/2016 8:30:00 PM	513000.000	70.719
17.387	159.301	41053.195
48038.152	31.497	32.666
24.359	1.023	
11/21/2016 8:45:00 PM	513900.000	70.709
17.378	159.279	40994.414
47979.203	31.454	32.626
24.394	1.023	
11/21/2016 9:00:00 PM	514800.000	70.706
17.374	159.273	40967.160
47951.508	31.433	32.607
24.410	1.023	
11/21/2016 9:15:00 PM	515700.000	70.703
17.387	159.266	40994.043
47969.309	31.447	32.619
24.394	1.023	
11/21/2016 9:30:00 PM	516600.000	70.690
17.386	159.237	40999.664
47976.645	31.452	32.624
24.390	1.023	
11/21/2016 9:45:00 PM	517500.000	70.688
17.381	159.231	41052.152
48043.680	31.501	32.670
24.359	1.023	
11/21/2016 10:00:00 PM	518400.000	70.677
17.375	159.206	41012.266
48003.836	31.471	32.643
24.383	1.023	
11/21/2016 10:15:00 PM	519300.000	70.676
17.388	159.204	41029.449
48009.145	31.476	32.646

24.373	1.023	
11/21/2016 10:30:00 PM	520200.000	70.659
17.379	159.167	40996.441
47980.824	31.455	32.627
24.392	1.023	
11/21/2016 10:45:00 PM	521100.000	70.665
17.389	159.179	41050.414
48033.109	31.494	32.663
24.360	1.023	
11/21/2016 11:00:00 PM	522000.000	70.647
17.388	159.139	41016.992
47995.230	31.466	32.637
24.380	1.023	
11/21/2016 11:15:00 PM	522900.000	70.642
17.388	159.128	40994.043
47967.813	31.446	32.618
24.394	1.023	
11/21/2016 11:30:00 PM	523800.000	70.642
17.377	159.129	40989.445
47974.039	31.450	32.622
24.397	1.023	
11/21/2016 11:45:00 PM	524700.000	70.641
17.384	159.125	41017.414
48000.219	31.469	32.640
24.380	1.023	
11/22/2016 12:00:00 AM	525600.000	70.631
17.375	159.104	41012.852
48004.055	31.472	32.643
24.383	1.023	
11/22/2016 12:15:00 AM	526500.000	70.617
17.382	159.071	41005.789
47988.109	31.460	32.632
24.387	1.023	
11/22/2016 12:30:00 AM	527400.000	70.622
17.377	159.083	40990.359
47975.488	31.451	32.623
24.396	1.023	
11/22/2016 12:45:00 AM	528300.000	70.619
17.382	159.077	41030.168
48016.355	31.481	32.651
24.372	1.023	
11/22/2016 1:00:00 AM	529200.000	70.619
17.374	159.077	41021.664
48015.863	31.480	32.651
24.377	1.023	
11/22/2016 1:15:00 AM	530100.000	70.612
17.381	159.061	41024.777
48011.727	31.478	32.648
24.376	1.023	
11/22/2016 1:30:00 AM	531000.000	70.612
17.384	159.060	41040.688
48026.602	31.489	32.658
24.366	1.023	
11/22/2016 1:45:00 AM	531900.000	70.618
17.382	159.074	41021.805
48006.945	31.474	32.645
24.377	1.023	

11/22/2016 2:00:00 AM	532800.000	70.621
17.390	159.081	40986.957
47958.016	31.439	32.611
24.398	1.023	
11/22/2016 2:15:00 AM	533700.000	70.619
17.390	159.077	41027.402
48004.695	31.473	32.643
24.374	1.023	
11/22/2016 2:30:00 AM	534600.000	70.625
17.385	159.091	41035.270
48019.883	31.484	32.654
24.369	1.023	
11/22/2016 2:45:00 AM	535500.000	70.623
17.383	159.085	40999.070
47979.398	31.454	32.626
24.391	1.023	
11/22/2016 3:00:00 AM	536400.000	70.623
17.388	159.085	41007.078
47983.531	31.457	32.629
24.386	1.023	
11/22/2016 3:15:00 AM	537300.000	70.636
17.381	159.115	41033.188
48021.027	31.484	32.654
24.371	1.023	
11/22/2016 3:30:00 AM	538200.000	70.641
17.377	159.126	40999.664
47986.934	31.459	32.631
24.390	1.023	
11/22/2016 3:45:00 AM	539100.000	70.654
17.377	159.155	40997.102
47983.188	31.457	32.629
24.392	1.023	
11/22/2016 4:00:00 AM	540000.000	70.654
17.383	159.155	40991.250
47970.246	31.447	32.620
24.395	1.023	
11/22/2016 4:15:00 AM	540900.000	70.665
17.382	159.180	41013.141
47997.273	31.467	32.638
24.382	1.023	
11/22/2016 4:30:00 AM	541800.000	70.665
17.388	159.181	41048.211
48031.098	31.492	32.661
24.362	1.023	
11/22/2016 4:45:00 AM	542700.000	70.667
17.387	159.185	41020.508
48000.090	31.469	32.640
24.378	1.023	
11/22/2016 5:00:00 AM	543600.000	70.683
17.384	159.220	41006.957
47987.793	31.460	32.632
24.386	1.023	
11/22/2016 5:15:00 AM	544500.000	70.688
17.387	159.231	41009.551
47987.738	31.460	32.632
24.385	1.023	
11/22/2016 5:30:00 AM	545400.000	70.690

17.381	159.237	41025.441
48011.855	31.478	32.648
24.375	1.023	
11/22/2016 5:45:00 AM	546300.000	70.698
17.387	159.254	40980.254
47953.086	31.435	32.608
24.402	1.023	
11/22/2016 6:00:00 AM	547200.000	70.708
17.388	159.277	40994.090
47967.867	31.446	32.618
24.394	1.023	
11/22/2016 6:15:00 AM	548100.000	70.708
17.385	159.277	40994.734
47971.707	31.449	32.621
24.393	1.023	
11/22/2016 6:30:00 AM	549000.000	70.722
17.384	159.307	40981.699
47957.574	31.438	32.611
24.401	1.023	
11/22/2016 6:45:00 AM	549900.000	70.732
17.380	159.330	41014.457
48000.867	31.470	32.641
24.382	1.023	
11/22/2016 7:00:00 AM	550800.000	70.733
17.376	159.333	40991.645
47978.023	31.453	32.625
24.395	1.023	
11/22/2016 7:15:00 AM	551700.000	70.737
17.385	159.343	41023.387
48006.172	31.474	32.644
24.376	1.023	
11/22/2016 7:30:00 AM	552600.000	70.734
17.382	159.335	41034.605
48022.023	31.485	32.655
24.370	1.023	
11/22/2016 7:45:00 AM	553500.000	70.731
17.380	159.328	40994.477
47976.828	31.452	32.624
24.394	1.023	
11/22/2016 8:00:00 AM	554400.000	70.740
17.381	159.350	40971.961
47950.102	31.433	32.606
24.407	1.023	
11/22/2016 8:15:00 AM	555300.000	70.738
17.380	159.345	40996.191
47979.219	31.454	32.626
24.393	1.023	
11/22/2016 8:30:00 AM	556200.000	70.747
17.383	159.364	41035.039
48021.598	31.485	32.655
24.369	1.023	
11/22/2016 8:45:00 AM	557100.000	70.758
17.384	159.389	41026.863
48011.168	31.477	32.648
24.374	1.023	
11/22/2016 9:00:00 AM	558000.000	70.744
17.384	159.357	41034.672

48019.660	31.484	32.653
24.370	1.023	
11/22/2016 9:15:00 AM	558900.000	70.740
17.379	159.350	41012.297
47999.566	31.469	32.640
24.383	1.023	
11/22/2016 9:30:00 AM	559800.000	70.734
17.384	159.336	41026.090
48010.266	31.477	32.647
24.375	1.023	
11/22/2016 9:45:00 AM	560700.000	70.739
17.380	159.347	40990.840
47973.227	31.449	32.622
24.396	1.023	
11/22/2016 10:00:00 AM	561600.000	70.731
17.381	159.329	40997.195
47979.445	31.454	32.626
24.392	1.023	
11/22/2016 10:15:00 AM	562500.000	70.727
17.381	159.320	40994.844
47976.234	31.452	32.624
24.393	1.023	
11/22/2016 10:30:00 AM	563400.000	70.729
17.388	159.323	41009.824
47986.746	31.460	32.631
24.384	1.023	
11/22/2016 10:45:00 AM	564300.000	70.722
17.384	159.309	41021.605
48004.184	31.472	32.643
24.377	1.023	
11/22/2016 11:00:00 AM	565200.000	70.726
17.377	159.318	41036.898
48029.578	31.490	32.660
24.368	1.023	
11/22/2016 11:15:00 AM	566100.000	70.708
17.391	159.277	40983.543
47952.438	31.435	32.608
24.400	1.023	
11/22/2016 11:30:00 AM	567000.000	70.714
17.382	159.291	40998.766
47979.891	31.454	32.626
24.391	1.023	
11/22/2016 11:45:00 AM	567900.000	70.715
17.380	159.293	41001.484
47985.414	31.458	32.630
24.389	1.023	
11/22/2016 12:00:00 PM	568800.000	70.709
17.380	159.278	41035.270
48024.488	31.487	32.657
24.369	1.023	
11/22/2016 12:15:00 PM	569700.000	70.693
17.380	159.242	41010.633
47996.309	31.466	32.637
24.384	1.023	
11/22/2016 12:30:00 PM	570600.000	70.698
17.381	159.253	41061.129
48053.918	31.508	32.677

24.354	1.023	
11/22/2016 12:45:00 PM	571500.000	70.690
17.381	159.237	41025.129
48012.324	31.478	32.648
24.375	1.023	
11/22/2016 1:00:00 PM	572400.000	70.688
17.385	159.232	41018.332
47999.605	31.469	32.640
24.379	1.023	
11/22/2016 1:15:00 PM	573300.000	70.688
17.396	159.232	41043.211
48017.469	31.483	32.652
24.365	1.023	
11/22/2016 1:30:00 PM	574200.000	70.689
17.391	159.233	41052.793
48033.840	31.494	32.663
24.359	1.023	
11/22/2016 1:45:00 PM	575100.000	70.678
17.384	159.210	41036.492
48022.543	31.486	32.655
24.369	1.023	
11/22/2016 2:00:00 PM	576000.000	70.678
17.382	159.208	41023.203
48009.051	31.476	32.646
24.376	1.023	
11/22/2016 2:15:00 PM	576900.000	70.683
17.382	159.220	41017.234
48001.793	31.470	32.641
24.380	1.023	
11/22/2016 2:30:00 PM	577800.000	70.679
17.387	159.211	41044.680
48028.473	31.490	32.659
24.364	1.023	
11/22/2016 2:45:00 PM	578700.000	70.676
17.383	159.204	41043.289
48030.688	31.492	32.661
24.365	1.023	
11/22/2016 3:00:00 PM	579600.000	70.676
17.382	159.204	41019.031
48003.699	31.472	32.643
24.379	1.023	
11/22/2016 3:15:00 PM	580500.000	70.682
17.385	159.218	41011.207
47991.824	31.463	32.634
24.384	1.023	
11/22/2016 3:30:00 PM	581400.000	70.677
17.385	159.206	41028.676
48011.711	31.478	32.648
24.373	1.023	
11/22/2016 3:45:00 PM	582300.000	70.683
17.389	159.220	41017.402
47993.832	31.465	32.636
24.380	1.023	
11/22/2016 4:00:00 PM	583200.000	70.693
17.385	159.243	40990.426
47966.949	31.445	32.618
24.396	1.023	

11/22/2016 4:15:00 PM	584100.000	70.682
17.390	159.218	41025.422
48002.559	31.471	32.642
24.375	1.023	
11/22/2016 4:30:00 PM	585000.000	70.688
17.377	159.232	41019.547
48009.363	31.476	32.646
24.379	1.023	
11/22/2016 4:45:00 PM	585900.000	70.687
17.383	159.229	41026.895
48011.395	31.478	32.648
24.374	1.023	
11/22/2016 5:00:00 PM	586800.000	70.698
17.376	159.253	41000.711
47988.348	31.460	32.632
24.390	1.023	
11/22/2016 5:15:00 PM	587700.000	70.694
17.381	159.245	40983.473
47963.680	31.442	32.615
24.400	1.023	
11/22/2016 5:30:00 PM	588600.000	70.695
17.382	159.248	41017.047
48001.375	31.470	32.641
24.380	1.023	
11/22/2016 5:45:00 PM	589500.000	70.706
17.375	159.273	41029.996
48024.500	31.487	32.657
24.372	1.023	
11/22/2016 6:00:00 PM	590400.000	70.705
17.384	159.269	41030.840
48015.930	31.481	32.651
24.372	1.023	
11/22/2016 6:15:00 PM	591300.000	70.705
17.385	159.269	41032.047
48015.926	31.481	32.651
24.371	1.023	
11/22/2016 6:30:00 PM	592200.000	70.706
17.375	159.273	41008.852
47998.996	31.468	32.639
24.385	1.023	
11/22/2016 6:45:00 PM	593100.000	70.714
17.372	159.291	40986.012
47975.734	31.451	32.624
24.399	1.023	
11/22/2016 7:00:00 PM	594000.000	70.715
17.382	159.292	41037.430
48024.766	31.487	32.657
24.368	1.023	
11/22/2016 7:15:00 PM	594900.000	70.708
17.378	159.277	41045.477
48039.152	31.497	32.667
24.363	1.023	
11/22/2016 7:30:00 PM	595800.000	70.708
17.381	159.277	41023.590
48010.629	31.477	32.647
24.376	1.023	
11/22/2016 7:45:00 PM	596700.000	70.709

17.388	159.279	41012.090
47989.586	31.462	32.633
24.383	1.023	
11/22/2016 8:00:00 PM	597600.000	70.701
17.382	159.260	41033.188
48020.555	31.484	32.654
24.371	1.023	
11/22/2016 8:15:00 PM	598500.000	70.704
17.376	159.267	41019.660
48010.719	31.477	32.647
24.379	1.023	
11/22/2016 8:30:00 PM	599400.000	70.701
17.373	159.260	41016.445
48010.129	31.476	32.647
24.380	1.023	
11/22/2016 8:45:00 PM	600300.000	70.708
17.381	159.277	40984.977
47964.797	31.443	32.616
24.399	1.023	
11/22/2016 9:00:00 PM	601200.000	70.689
17.375	159.234	41032.613
48027.652	31.489	32.659
24.371	1.023	
11/22/2016 9:15:00 PM	602100.000	70.693
17.381	159.243	40995.133
47976.680	31.452	32.624
24.393	1.023	
11/22/2016 9:30:00 PM	603000.000	70.688
17.396	159.231	41021.984
47992.555	31.464	32.635
24.377	1.023	
11/22/2016 9:45:00 PM	603900.000	70.684
17.373	159.223	41009.715
48001.980	31.470	32.641
24.384	1.023	
11/22/2016 10:00:00 PM	604800.000	70.677
17.386	159.206	41008.637
47987.598	31.460	32.632
24.385	1.023	
11/22/2016 10:15:00 PM	605700.000	70.672
17.391	159.196	41044.793
48024.004	31.487	32.656
24.364	1.023	
11/22/2016 10:30:00 PM	606600.000	70.666
17.376	159.182	40992.305
47979.352	31.454	32.626
24.395	1.023	
11/22/2016 10:45:00 PM	607500.000	70.661
17.381	159.172	41016.922
48002.641	31.471	32.642
24.380	1.023	
11/22/2016 11:00:00 PM	608400.000	70.656
17.386	159.160	41023.883
48005.172	31.473	32.644
24.376	1.023	
11/22/2016 11:15:00 PM	609300.000	70.643
17.379	159.131	41012.359

47999.352	31.468	32.640
24.383	1.023	
11/22/2016 11:30:00 PM	610200.000	70.643
17.377	159.131	40995.168
47980.828	31.455	32.627
24.393	1.023	
11/22/2016 11:45:00 PM	611100.000	70.635
17.383	159.113	41042.688
48030.168	31.491	32.661
24.365	1.023	
11/23/2016 12:00:00 AM	612000.000	70.626
17.372	159.092	41009.855
48003.266	31.471	32.642
24.384	1.023	
11/23/2016 12:15:00 AM	612900.000	70.623
17.377	159.086	41015.496
48004.910	31.472	32.643
24.381	1.023	
11/23/2016 12:30:00 AM	613800.000	70.612
17.385	159.060	41035.719
48020.223	31.484	32.654
24.369	1.023	
11/23/2016 12:45:00 AM	614700.000	70.612
17.385	159.060	41032.238
48015.969	31.481	32.651
24.371	1.023	
11/23/2016 1:00:00 AM	615600.000	70.612
17.380	159.060	41024.543
48011.828	31.478	32.648
24.376	1.023	
11/23/2016 1:15:00 AM	616500.000	70.612
17.378	159.060	41028.449
48018.660	31.483	32.653
24.373	1.023	
11/23/2016 1:30:00 AM	617400.000	70.607
17.378	159.048	40995.883
47981.289	31.455	32.627
24.393	1.023	
11/23/2016 1:45:00 AM	618300.000	70.600
17.380	159.033	40997.313
47980.723	31.455	32.627
24.392	1.023	
11/23/2016 2:00:00 AM	619200.000	70.607
17.378	159.048	41030.781
48022.324	31.485	32.655
24.372	1.023	
11/23/2016 2:15:00 AM	620100.000	70.601
17.377	159.035	40999.328
47985.984	31.459	32.630
24.391	1.023	
11/23/2016 2:30:00 AM	621000.000	70.605
17.388	159.045	41046.938
48029.707	31.491	32.660
24.362	1.023	
11/23/2016 2:45:00 AM	621900.000	70.607
17.372	159.050	41027.027
48024.219	31.486	32.656

24.374	1.023	
11/23/2016 3:00:00 AM	622800.000	70.607
17.383	159.049	41020.520
48004.313	31.472	32.643
24.378	1.023	
11/23/2016 3:15:00 AM	623700.000	70.612
17.377	159.060	41037.262
48030.473	31.491	32.661
24.368	1.023	
11/23/2016 3:30:00 AM	624600.000	70.615
17.383	159.067	41012.098
47994.750	31.465	32.636
24.383	1.023	
11/23/2016 3:45:00 AM	625500.000	70.615
17.378	159.067	41020.730
48010.004	31.476	32.647
24.378	1.023	
11/23/2016 4:00:00 AM	626400.000	70.619
17.380	159.077	41036.129
48025.391	31.488	32.657
24.369	1.023	
11/23/2016 4:15:00 AM	627300.000	70.624
17.393	159.087	41005.707
47976.398	31.453	32.624
24.387	1.023	
11/23/2016 4:30:00 AM	628200.000	70.630
17.382	159.101	41016.938
48001.535	31.470	32.641
24.380	1.023	
11/23/2016 4:45:00 AM	629100.000	70.638
17.381	159.118	41033.301
48021.617	31.485	32.655
24.370	1.023	
11/23/2016 5:00:00 AM	630000.000	70.642
17.376	159.128	41031.555
48024.355	31.487	32.657
24.371	1.023	
11/23/2016 5:15:00 AM	630900.000	70.648
17.385	159.141	41015.832
47997.047	31.467	32.638
24.381	1.023	
11/23/2016 5:30:00 AM	631800.000	70.652
17.374	159.150	41002.266
47992.508	31.463	32.635
24.389	1.023	
11/23/2016 5:45:00 AM	632700.000	70.666
17.375	159.182	40973.070
47957.961	31.438	32.611
24.406	1.023	
11/23/2016 6:00:00 AM	633600.000	70.672
17.381	159.196	41028.551
48015.602	31.480	32.651
24.373	1.023	
11/23/2016 6:15:00 AM	634500.000	70.675
17.377	159.203	41029.043
48021.320	31.484	32.654
24.373	1.023	

11/23/2016 6:30:00 AM	635400.000	70.689
17.383	159.233	41018.027
48001.961	31.471	32.641
24.380	1.023	
11/23/2016 6:45:00 AM	636300.000	70.688
17.383	159.232	41048.516
48037.074	31.496	32.665
24.361	1.023	
11/23/2016 7:00:00 AM	637200.000	70.703
17.381	159.265	40995.656
47977.938	31.453	32.625
24.393	1.023	
11/23/2016 7:15:00 AM	638100.000	70.702
17.375	159.264	40998.586
47987.355	31.459	32.631
24.391	1.023	
11/23/2016 7:30:00 AM	639000.000	70.705
17.381	159.269	40989.461
47970.500	31.447	32.620
24.397	1.023	
11/23/2016 7:45:00 AM	639900.000	70.715
17.378	159.293	41010.488
47997.727	31.467	32.638
24.384	1.023	
11/23/2016 8:00:00 AM	640800.000	70.708
17.378	159.277	41010.309
47997.805	31.467	32.639
24.384	1.023	
11/23/2016 8:15:00 AM	641700.000	70.714
17.378	159.291	41021.137
48010.191	31.476	32.647
24.378	1.023	
11/23/2016 8:30:00 AM	642600.000	70.717
17.379	159.296	41041.840
48034.047	31.494	32.663
24.365	1.023	
11/23/2016 8:45:00 AM	643500.000	70.720
17.372	159.303	41020.047
48016.141	31.480	32.651
24.378	1.023	
11/23/2016 9:00:00 AM	644400.000	70.720
17.382	159.304	41022.633
48007.539	31.475	32.645
24.377	1.023	
11/23/2016 9:15:00 AM	645300.000	70.720
17.380	159.304	41006.984
47991.949	31.463	32.635
24.386	1.023	
11/23/2016 9:30:00 AM	646200.000	70.717
17.380	159.296	41018.512
48005.613	31.473	32.644
24.379	1.023	
11/23/2016 9:45:00 AM	647100.000	70.714
17.380	159.291	41033.840
48023.656	31.486	32.656
24.370	1.023	
11/23/2016 10:00:00 AM	648000.000	70.705

17.384	159.271	41039.117
48025.617	31.488	32.657
24.367	1.023	
11/23/2016 10:15:00 AM	648900.000	70.709
17.372	159.279	41005.617
47998.395	31.467	32.639
24.387	1.023	
11/23/2016 10:30:00 AM	649800.000	70.701
17.386	159.260	40993.875
47970.324	31.448	32.620
24.394	1.023	
11/23/2016 10:45:00 AM	650700.000	70.703
17.378	159.265	41010.375
47997.598	31.467	32.638
24.384	1.023	
11/23/2016 11:00:00 AM	651600.000	70.704
17.388	159.268	41019.617
47997.828	31.468	32.639
24.379	1.023	
11/23/2016 11:15:00 AM	652500.000	70.698
17.384	159.253	41053.320
48042.051	31.500	32.669
24.359	1.023	
11/23/2016 11:30:00 AM	653400.000	70.688
17.385	159.232	41005.941
47985.660	31.459	32.630
24.387	1.023	
11/23/2016 11:45:00 AM	654300.000	70.688
17.379	159.231	40999.223
47984.168	31.457	32.629
24.391	1.023	
11/23/2016 12:00:00 PM	655200.000	70.677
17.391	159.207	41049.832
48029.715	31.491	32.660
24.361	1.023	
11/23/2016 12:15:00 PM	656100.000	70.677
17.378	159.207	41057.863
48053.086	31.508	32.676
24.356	1.023	
11/23/2016 12:30:00 PM	657000.000	70.666
17.380	159.181	41023.754
48011.387	31.477	32.648
24.376	1.023	
11/23/2016 12:45:00 PM	657900.000	70.666
17.383	159.182	41023.129
48006.988	31.474	32.645
24.376	1.023	
11/23/2016 1:00:00 PM	658800.000	70.658
17.379	159.165	41021.520
48009.992	31.476	32.647
24.377	1.023	
11/23/2016 1:15:00 PM	659700.000	70.648
17.392	159.142	40998.375
47968.383	31.447	32.618
24.391	1.023	
11/23/2016 1:30:00 PM	660600.000	70.648
17.375	159.141	41001.340

47990.578	31.462	32.634
24.389	1.023	
11/23/2016 1:45:00 PM	661500.000	70.658
17.385	159.163	41047.387
48033.875	31.494	32.663
24.362	1.023	
11/23/2016 2:00:00 PM	662400.000	70.637
17.382	159.116	41014.977
47999.527	31.469	32.640
24.381	1.023	
11/23/2016 2:15:00 PM	663300.000	70.640
17.373	159.124	41014.906
48008.141	31.475	32.646
24.381	1.023	
11/23/2016 2:30:00 PM	664200.000	70.641
17.379	159.125	41010.359
47997.203	31.467	32.638
24.384	1.023	
11/23/2016 2:45:00 PM	665100.000	70.632
17.382	159.107	41031.684
48018.129	31.482	32.652
24.371	1.023	
11/23/2016 3:00:00 PM	666000.000	70.632
17.379	159.106	41034.637
48024.863	31.487	32.657
24.370	1.023	
11/23/2016 3:15:00 PM	666900.000	70.628
17.384	159.097	41014.621
47996.383	31.467	32.638
24.382	1.023	
11/23/2016 3:30:00 PM	667800.000	70.624
17.387	159.087	41050.531
48034.848	31.495	32.664
24.360	1.023	
11/23/2016 3:45:00 PM	668700.000	70.628
17.382	159.097	41026.328
48011.863	31.478	32.648
24.375	1.023	
11/23/2016 4:00:00 PM	669600.000	70.637
17.386	159.118	41027.355
48009.688	31.476	32.647
24.374	1.023	
11/23/2016 4:15:00 PM	670500.000	70.628
17.383	159.097	40988.441
47967.148	31.445	32.618
24.397	1.023	
11/23/2016 4:30:00 PM	671400.000	70.631
17.387	159.104	40985.672
47958.859	31.439	32.612
24.399	1.023	
11/23/2016 4:45:00 PM	672300.000	70.636
17.376	159.115	40999.820
47987.684	31.460	32.632
24.390	1.023	
11/23/2016 5:00:00 PM	673200.000	70.640
17.386	159.123	41011.238
47989.996	31.462	32.633

24.384	1.023	
11/23/2016 5:15:00 PM	674100.000	70.637
17.385	159.116	41029.688
48013.164	31.479	32.649
24.373	1.023	
11/23/2016 5:30:00 PM	675000.000	70.643
17.385	159.131	41010.645
47990.879	31.463	32.634
24.384	1.023	
11/23/2016 5:45:00 PM	675900.000	70.646
17.384	159.137	41005.383
47985.387	31.459	32.630
24.387	1.023	
11/23/2016 6:00:00 PM	676800.000	70.647
17.373	159.139	41037.609
48035.656	31.495	32.664
24.368	1.023	
11/23/2016 6:15:00 PM	677700.000	70.654
17.377	159.155	41057.820
48055.004	31.509	32.677
24.356	1.023	
11/23/2016 6:30:00 PM	678600.000	70.658
17.389	159.165	41029.008
48008.172	31.475	32.646
24.373	1.023	
11/23/2016 6:45:00 PM	679500.000	70.666
17.382	159.182	41010.348
47993.445	31.464	32.636
24.384	1.023	
11/23/2016 7:00:00 PM	680400.000	70.663
17.382	159.176	41068.922
48061.898	31.514	32.682
24.349	1.023	
11/23/2016 7:15:00 PM	681300.000	70.667
17.380	159.185	41019.668
48006.500	31.474	32.644
24.379	1.023	
11/23/2016 7:30:00 PM	682200.000	70.674
17.380	159.200	41018.539
48005.371	31.473	32.644
24.379	1.023	
11/23/2016 7:45:00 PM	683100.000	70.671
17.381	159.193	41022.078
48008.297	31.475	32.646
24.377	1.023	
11/23/2016 8:00:00 PM	684000.000	70.677
17.378	159.207	41037.723
48030.258	31.491	32.661
24.368	1.023	
11/23/2016 8:15:00 PM	684900.000	70.677
17.385	159.206	41011.883
47992.613	31.464	32.635
24.383	1.023	
11/23/2016 8:30:00 PM	685800.000	70.675
17.387	159.203	41028.906
48010.297	31.477	32.647
24.373	1.023	

11/23/2016 8:45:00 PM	686700.000	70.679
17.376	159.211	40997.336
47984.309	31.457	32.629
24.392	1.023	
11/23/2016 9:00:00 PM	687600.000	70.684
17.378	159.224	41010.738
47998.207	31.468	32.639
24.384	1.023	
11/23/2016 9:15:00 PM	688500.000	70.683
17.375	159.220	40986.746
47973.875	31.450	32.622
24.398	1.023	
11/23/2016 9:30:00 PM	689400.000	70.677
17.384	159.206	41006.387
47987.020	31.460	32.631
24.386	1.023	
11/23/2016 9:45:00 PM	690300.000	70.676
17.380	159.206	41053.824
48046.098	31.503	32.671
24.358	1.023	
11/23/2016 10:00:00 PM	691200.000	70.678
17.392	159.209	40991.035
47959.895	31.440	32.613
24.396	1.023	
11/23/2016 10:15:00 PM	692100.000	70.671
17.381	159.194	41009.219
47992.871	31.464	32.635
24.385	1.023	
11/23/2016 10:30:00 PM	693000.000	70.671
17.385	159.193	41005.664
47984.594	31.458	32.630
24.387	1.023	
11/23/2016 10:45:00 PM	693900.000	70.668
17.375	159.187	41002.719
47991.730	31.463	32.634
24.389	1.023	
11/23/2016 11:00:00 PM	694800.000	70.662
17.381	159.172	41015.910
48001.078	31.470	32.641
24.381	1.023	
11/23/2016 11:15:00 PM	695700.000	70.656
17.383	159.160	40984.348
47962.277	31.442	32.614
24.400	1.023	
11/23/2016 11:30:00 PM	696600.000	70.654
17.379	159.154	41046.781
48039.449	31.498	32.667
24.362	1.023	
11/23/2016 11:45:00 PM	697500.000	70.648
17.377	159.141	41023.961
48014.527	31.479	32.650
24.376	1.023	

Report Date: 11/28/2016 8:34:18 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-BS LT Test_Append_2016-11-24_14-39-16-508-BaroMerge.wsl
Create Date: 11/28/2016 8:32:03 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-BS
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-BS LT Test
Created By: KMacar
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: 0 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: 16.2261 (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 9:07:00 AM	Used Battery: 2% Used Memory: 6% User Name: KMacar
1/21/2016 9:00:38 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMacar
1/28/2016 9:25:14 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMacar 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: KMacar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/2/2016 12:57:16 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: Skuiiper 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: KMacar 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: Skuiiper 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: KMacar 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: Skuiiper 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: KMacar 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: Skuiiper 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: KMacar 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: 22% User Name: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper Interval - Start Time: 8/30/2016 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:30:00 PM
11/28/2016 8:32:03 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-24_16-52-35-675.wsl"

Log Data:

Record Count: 835

Sensors: 2

1 - 428966: 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: Baro-Adj Calc	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)
SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:	SN#:
SN#:	428966	SN#:	428966	SN#:	000000					
Date and Time	Elapsed Time	Corrected	Temperature (C)	Corrected	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids	
(ppm)	Resistivity (ohm-cm)	Pressure (PSI)	Water Density (g/cm3)	Barometric Pressure (PSI)						
11/17/2016 12:00:00 AM	93600.000		19.283		16.161	43.952	1972.135	2372.686	1.230	1613.426
507.065	1.000		14.771							

11/17/2016 12:15:00 AM	94500.000	19.283	16.161	43.952	1972.151	2372.710	1.230	1613.443
507.061	1.000	14.775						
11/17/2016 12:30:00 AM	95400.000	19.277	16.161	43.939	1971.646	2372.092	1.230	1613.023
507.191	1.000	14.775						
11/17/2016 12:45:00 AM	96300.000	19.278	16.162	43.941	1971.210	2371.544	1.229	1612.650
507.303	1.000	14.774						
11/17/2016 1:00:00 AM	97200.000	19.282	16.162	43.949	1971.081	2371.394	1.229	1612.548
507.336	1.000	14.770						
11/17/2016 1:15:00 AM	98100.000	19.275	16.161	43.934	1971.120	2371.475	1.229	1612.603
507.326	1.000	14.772						
11/17/2016 1:30:00 AM	99000.000	19.283	16.162	43.951	1971.091	2371.416	1.229	1612.563
507.333	1.000	14.769						
11/17/2016 1:45:00 AM	99900.000	19.276	16.162	43.937	1971.380	2371.749	1.229	1612.790
507.259	1.000	14.770						
11/17/2016 2:00:00 AM	100800.000	19.275	16.161	43.933	1970.837	2371.134	1.229	1612.371
507.399	1.000	14.774						
11/17/2016 2:15:00 AM	101700.000	19.276	16.162	43.936	1970.334	2370.496	1.229	1611.937
507.528	1.000	14.779						
11/17/2016 2:30:00 AM	102600.000	19.279	16.162	43.942	1970.272	2370.430	1.229	1611.893
507.544	1.000	14.774						
11/17/2016 2:45:00 AM	103500.000	19.281	16.162	43.948	1970.089	2370.200	1.229	1611.736
507.591	1.000	14.766						
11/17/2016 3:00:00 AM	104400.000	19.279	16.162	43.942	1969.855	2369.914	1.228	1611.542
507.652	1.000	14.770						
11/17/2016 3:15:00 AM	105300.000	19.279	16.161	43.944	1969.906	2370.000	1.228	1611.600
507.638	1.000	14.775						
11/17/2016 3:30:00 AM	106200.000	19.276	16.161	43.937	1970.121	2370.263	1.229	1611.779
507.583	1.000	14.776						
11/17/2016 3:45:00 AM	107100.000	19.283	16.161	43.951	1970.121	2370.258	1.229	1611.775
507.583	1.000	14.771						
11/17/2016 4:00:00 AM	108000.000	19.282	16.161	43.948	1970.305	2370.489	1.229	1611.932
507.536	1.000	14.767						
11/17/2016 4:15:00 AM	108900.000	19.280	16.161	43.945	1970.359	2370.549	1.229	1611.974
507.522	1.000	14.773						
11/17/2016 4:30:00 AM	109800.000	19.279	16.162	43.942	1970.844	2371.104	1.229	1612.351
507.397	1.000	14.777						
11/17/2016 4:45:00 AM	110700.000	19.273	16.161	43.930	1971.484	2371.903	1.229	1612.894
507.232	1.000	14.781						
11/17/2016 5:00:00 AM	111600.000	19.275	16.162	43.934	1971.842	2372.319	1.230	1613.177
507.140	1.000	14.780						
11/17/2016 5:15:00 AM	112500.000	19.280	16.161	43.945	1972.331	2372.917	1.230	1613.583
507.014	1.000	14.777						
11/17/2016 5:30:00 AM	113400.000	19.281	16.161	43.947	1972.700	2373.370	1.230	1613.892
506.919	1.000	14.780						
11/17/2016 5:45:00 AM	114300.000	19.276	16.162	43.935	1973.408	2374.208	1.231	1614.462
506.737	1.000	14.781						
11/17/2016 6:00:00 AM	115200.000	19.285	16.161	43.955	1973.864	2374.775	1.231	1614.847
506.621	1.000	14.775						
11/17/2016 6:15:00 AM	116100.000	19.276	16.162	43.935	1974.534	2375.558	1.231	1615.380
506.449	1.000	14.780						
11/17/2016 6:30:00 AM	117000.000	19.283	16.161	43.952	1975.003	2376.141	1.232	1615.776
506.328	1.000	14.781						
11/17/2016 6:45:00 AM	117900.000	19.279	16.162	43.942	1975.689	2376.947	1.232	1616.324
506.153	1.000	14.786						
11/17/2016 7:00:00 AM	118800.000	19.280	16.161	43.946	1976.053	2377.409	1.232	1616.638
506.059	1.000	14.782						
11/17/2016 7:15:00 AM	119700.000	19.273	16.162	43.929	1976.419	2377.831	1.233	1616.925
505.966	1.000	14.790						
11/17/2016 7:30:00 AM	120600.000	19.276	16.161	43.936	1976.750	2378.243	1.233	1617.205
505.881	1.000	14.792						
11/17/2016 7:45:00 AM	121500.000	19.281	16.162	43.948	1976.620	2378.058	1.233	1617.079
505.914	1.000	14.789						
11/17/2016 8:00:00 AM	122400.000	19.283	16.162	43.952	1976.601	2378.035	1.233	1617.064
505.915	1.000	14.795						
11/17/2016 8:15:00 AM	123300.000	19.275	16.162	43.933	1976.692	2378.158	1.233	1617.148
505.896	1.000	14.805						
11/17/2016 8:30:00 AM	124200.000	19.275	16.161	43.933	1976.757	2378.251	1.233	1617.211
505.879	1.000	14.801						
11/17/2016 8:45:00 AM	125100.000	19.285	16.162	43.956	1976.899	2378.394	1.233	1617.308
505.843	1.000	14.790						
11/17/2016 9:00:00 AM	126000.000	19.288	16.162	43.963	1977.067	2378.605	1.233	1617.452
505.800	1.000	14.794						
11/17/2016 9:15:00 AM	126900.000	19.270	16.162	43.922	1977.212	2378.785	1.233	1617.574
505.763	1.000	14.803						
11/17/2016 9:30:00 AM	127800.000	19.279	16.161	43.943	1977.913	2379.632	1.234	1618.150
505.584	1.000	14.793						
11/17/2016 9:45:00 AM	128700.000	19.291	16.161	43.970	1978.408	2380.238	1.234	1618.562
505.457	1.000	14.791						
11/17/2016 10:00:00 AM	129600.000	19.284	16.162	43.954	1979.049	2380.994	1.234	1619.076
505.293	1.000	14.789						
11/17/2016 10:15:00 AM	130500.000	19.280	16.161	43.946	1980.005	2382.159	1.235	1619.869
505.049	1.000	14.788						
11/17/2016 10:30:00 AM	131400.000	19.286	16.161	43.958	1980.833	2383.169	1.236	1620.555
504.838	1.000	14.786						
11/17/2016 10:45:00 AM	132300.000	19.275	16.162	43.933	1981.721	2384.204	1.236	1621.259
504.612	1.000	14.791						
11/17/2016 11:00:00 AM	133200.000	19.278	16.162	43.940	1982.507	2385.141	1.237	1621.896
504.412	1.000	14.791						
11/17/2016 11:15:00 AM	134100.000	19.275	16.162	43.934	1983.360	2386.176	1.237	1622.600
504.195	1.000	14.788						
11/17/2016 11:30:00 AM	135000.000	19.282	16.161	43.949	1984.261	2387.300	1.238	1623.364
503.966	1.000	14.785						
11/17/2016 11:45:00 AM	135900.000	19.283	16.162	43.953	1985.114	2388.292	1.238	1624.039
503.749	1.000	14.783						
11/17/2016 12:00:00 PM	136800.000	19.276	16.161	43.936	1986.196	2389.627	1.239	1624.947
503.475	1.000	14.781						
11/17/2016 12:15:00 PM	137700.000	19.283	16.161	43.951	1987.094	2390.721	1.240	1625.691
503.248	1.000	14.770						
11/17/2016 12:30:00 PM	138600.000	19.282	16.161	43.950	1988.090	2391.891	1.240	1626.486
502.995	1.000	14.770						
11/17/2016 12:45:00 PM	139500.000	19.277	16.161	43.938	1989.134	2393.167	1.241	1627.354
502.731	1.000	14.775						
11/17/2016 1:00:00 PM	140400.000	19.278	16.161	43.941	1990.071	2394.275	1.242	1628.107
502.495	1.000	14.769						
11/17/2016 1:15:00 PM	141300.000	19.292	16.161	43.973	1991.123	2395.530	1.242	1628.961
502.229	1.000	14.759						
11/17/2016 1:30:00 PM	142200.000	19.276	16.161	43.936	1991.947	2396.521	1.243	1629.635
502.021	1.000	14.764						
11/17/2016 1:45:00 PM	143100.000	19.287	16.161	43.961	1992.747	2397.499	1.243	1630.300
501.820	1.000	14.758						
11/17/2016 2:00:00 PM	144000.000	19.282	16.161	43.950	1993.817	2398.811	1.244	1631.191
501.551	1.000	14.763						
11/17/2016 2:15:00 PM	144900.000	19.279	16.161	43.942	1994.225	2399.272	1.244	1631.505
501.448	1.000	14.763						
11/17/2016 2:30:00 PM	145800.000	19.281	16.161	43.948	1994.925	2400.105	1.245	1632.072
501.272	1.000	14.752						
11/17/2016 2:45:00 PM	146700.000	19.280	16.161	43.945	1995.667	2401.032	1.245	1632.702
501.085	1.000	14.752						
11/17/2016 3:00:00 PM	147600.000	19.280	16.161	43.945	1996.767	2402.326	1.246	1633.582
500.810	1.000	14.756						
11/17/2016 3:15:00 PM	148500.000	19.282	16.161	43.973	1997.945	2403.753	1.247	1634.552
500.514	1.000	14.749						
11/17/2016 3:30:00 PM	149400.000	19.282	16.161	43.951	1998.331	2404.221	1.247	1634.870
500.418	1.000	14.751						
11/17/2016 3:45:00 PM	150300.000	19.281	16.161	43.946	1999.549	2405.677	1.248	1635.861
500.113	1.000	14.761						
11/17/2016 4:00:00 PM	151200.000	19.280	16.161	43.946	2000.653	2407.000	1.249	1636.760
499.837	1.000	14.756						
11/17/2016 4:15:00 PM	152100.000	19.277	16.162	43.939	2001.562	2408.074	1.249	1637.491
499.610	1.000	14.750						
11/17/2016 4:30:00 PM	153000.000	19.287	16.161	43.962	2002.358	2409.057	1.250	1638.159

499.316	1.000	14.747					
11/17/2016 5:00:00 PM	154800.000	19.286	16.161	43.959	2003.215	2410.083	1.250
499.198	1.000	14.751					
11/17/2016 5:15:00 PM	155700.000	19.284	16.161	43.953	2003.629	2410.581	1.251
499.094	1.000	14.755					
11/17/2016 5:30:00 PM	156600.000	19.282	16.161	43.950	2004.021	2411.068	1.251
498.997	1.000	14.754					
11/17/2016 5:45:00 PM	157500.000	19.279	16.161	43.942	2004.364	2411.480	1.251
498.911	1.000	14.754					
11/17/2016 6:00:00 PM	158400.000	19.283	16.161	43.952	2004.502	2411.632	1.251
498.877	1.000	14.749					
11/17/2016 6:15:00 PM	159300.000	19.281	16.161	43.948	2004.859	2412.080	1.251
498.788	1.000	14.757					
11/17/2016 6:30:00 PM	160200.000	19.282	16.162	43.949	2005.139	2412.374	1.252
498.719	1.000	14.756					
11/17/2016 6:45:00 PM	161100.000	19.279	16.161	43.942	2005.436	2412.755	1.252
498.645	1.000	14.760					
11/17/2016 7:00:00 PM	162000.000	19.280	16.162	43.946	2005.628	2412.971	1.252
498.597	1.000	14.758					
11/17/2016 7:15:00 PM	162900.000	19.279	16.161	43.942	2005.681	2413.050	1.252
498.584	1.000	14.758					
11/17/2016 7:30:00 PM	163800.000	19.284	16.162	43.955	2005.993	2413.406	1.252
498.506	1.000	14.754					
11/17/2016 7:45:00 PM	164700.000	19.270	16.161	43.923	2006.040	2413.478	1.252
498.494	1.000	14.763					
11/17/2016 8:00:00 PM	165600.000	19.282	16.161	43.949	2006.071	2413.524	1.252
498.487	1.000	14.760					
11/17/2016 8:15:00 PM	166500.000	19.284	16.162	43.978	2006.086	2413.479	1.252
498.483	1.000	14.746					
11/17/2016 8:30:00 PM	167400.000	19.280	16.162	43.945	2006.278	2413.739	1.252
498.436	1.000	14.758					
11/17/2016 8:45:00 PM	168300.000	19.283	16.162	43.952	2006.171	2413.620	1.252
498.462	1.000	14.755					
11/17/2016 9:00:00 PM	169200.000	19.288	16.161	43.964	2006.242	2413.721	1.252
498.444	1.000	14.758					
11/17/2016 9:15:00 PM	170100.000	19.285	16.161	43.956	2006.421	2413.945	1.252
498.400	1.000	14.757					
11/17/2016 9:30:00 PM	171000.000	19.280	16.161	43.946	2006.815	2414.444	1.253
498.302	1.000	14.753					
11/17/2016 9:45:00 PM	171900.000	19.287	16.161	43.961	2006.785	2414.378	1.253
498.310	1.000	14.752					
11/17/2016 10:00:00 PM	172800.000	19.282	16.162	43.949	2007.176	2414.824	1.253
498.212	1.000	14.754					
11/17/2016 10:15:00 PM	173700.000	19.278	16.162	43.940	2007.282	2414.952	1.253
498.186	1.000	14.760					
11/17/2016 10:30:00 PM	174600.000	19.281	16.161	43.948	2007.792	2415.590	1.253
498.060	1.000	14.757					
11/17/2016 10:45:00 PM	175500.000	19.282	16.162	43.949	2008.470	2416.386	1.254
497.891	1.000	14.754					
11/17/2016 11:00:00 PM	176400.000	19.282	16.161	43.949	2008.928	2416.947	1.254
497.778	1.000	14.754					
11/17/2016 11:15:00 PM	177300.000	19.282	16.161	43.971	2009.249	2417.338	1.254
497.698	1.000	14.754					
11/17/2016 11:30:00 PM	178200.000	19.279	16.162	43.943	2009.646	2417.801	1.255
497.600	1.000	14.756					
11/17/2016 11:45:00 PM	179100.000	19.291	16.161	43.970	2010.161	2418.445	1.255
497.473	1.000	14.753					
11/18/2016 12:00:00 AM	180000.000	19.278	16.162	43.941	2010.494	2418.816	1.255
497.390	1.000	14.756					
11/18/2016 12:15:00 AM	180900.000	19.290	16.161	43.967	2010.972	2419.436	1.255
497.272	1.000	14.754					
11/18/2016 12:30:00 AM	181800.000	19.294	16.161	43.978	2011.596	2420.162	1.256
497.118	1.000	14.750					
11/18/2016 12:45:00 AM	182700.000	19.286	16.161	43.959	2011.860	2420.474	1.256
497.052	1.000	14.750					
11/18/2016 1:00:00 AM	183600.000	19.289	16.162	43.966	2012.079	2420.713	1.256
496.998	1.000	14.746					
11/18/2016 1:15:00 AM	184500.000	19.285	16.162	43.956	2012.283	2420.968	1.256
496.948	1.000	14.745					
11/18/2016 1:30:00 AM	185400.000	19.287	16.161	43.960	2012.712	2421.533	1.257
496.842	1.000	14.742					
11/18/2016 1:45:00 AM	186300.000	19.285	16.162	43.956	2013.065	2421.909	1.257
496.755	1.000	14.747					
11/18/2016 2:00:00 AM	187200.000	19.284	16.161	43.954	2013.591	2422.586	1.257
496.625	1.000	14.746					
11/18/2016 2:15:00 AM	188100.000	19.280	16.161	43.944	2013.933	2423.008	1.257
496.541	1.000	14.747					
11/18/2016 2:30:00 AM	189000.000	19.289	16.162	43.967	2014.430	2423.556	1.258
496.418	1.000	14.746					
11/18/2016 2:45:00 AM	189900.000	19.289	16.161	43.965	2014.702	2423.917	1.258
496.351	1.000	14.740					
11/18/2016 3:00:00 AM	190800.000	19.288	16.161	43.964	2015.224	2424.521	1.258
496.223	1.000	14.742					
11/18/2016 3:15:00 AM	191700.000	19.285	16.161	43.957	2015.664	2425.075	1.259
496.114	1.000	14.747					
11/18/2016 3:30:00 AM	192600.000	19.279	16.162	43.942	2016.082	2425.544	1.259
496.012	1.000	14.750					
11/18/2016 3:45:00 AM	193500.000	19.288	16.162	43.964	2016.120	2425.595	1.259
496.002	1.000	14.740					
11/18/2016 4:00:00 AM	194400.000	19.284	16.161	43.953	2016.474	2426.036	1.259
495.915	1.000	14.743					
11/18/2016 4:15:00 AM	195300.000	19.273	16.162	43.930	2016.644	2426.225	1.259
495.873	1.000	14.750					
11/18/2016 4:30:00 AM	196200.000	19.280	16.161	43.945	2016.908	2426.572	1.259
495.808	1.000	14.749					
11/18/2016 4:45:00 AM	197100.000	19.287	16.161	43.962	2017.343	2427.076	1.260
495.702	1.000	14.747					
11/18/2016 5:00:00 AM	198000.000	19.287	16.161	43.960	2017.305	2427.024	1.260
495.711	1.000	14.740					
11/18/2016 5:15:00 AM	198900.000	19.285	16.162	43.957	2017.785	2427.583	1.260
495.593	1.000	14.743					
11/18/2016 5:30:00 AM	199800.000	19.284	16.162	43.955	2017.791	2427.605	1.260
495.592	1.000	14.742					
11/18/2016 5:45:00 AM	200700.000	19.283	16.161	43.952	2017.870	2427.719	1.260
495.572	1.000	14.740					
11/18/2016 6:00:00 AM	201600.000	19.287	16.161	43.960	2018.237	2428.181	1.260
495.482	1.000	14.739					
11/18/2016 6:15:00 AM	202500.000	19.284	16.161	43.953	2018.722	2428.729	1.261
495.363	1.000	14.739					
11/18/2016 6:30:00 AM	203400.000	19.283	16.162	43.952	2018.854	2428.884	1.261
495.331	1.000	14.741					
11/18/2016 6:45:00 AM	204300.000	19.284	16.162	43.954	2019.370	2429.500	1.261
495.204	1.000	14.740					
11/18/2016 7:00:00 AM	205200.000	19.280	16.161	43.945	2019.622	2429.822	1.261
495.142	1.000	14.745					
11/18/2016 7:15:00 AM	206100.000	19.279	16.161	43.943	2019.901	2430.169	1.261
495.074	1.000	14.748					
11/18/2016 7:30:00 AM	207000.000	19.292	16.162	43.972	2019.763	2429.978	1.261
495.107	1.000	14.749					
11/18/2016 7:45:00 AM	207900.000	19.291	16.162	43.971	2018.021	2427.872	1.260
495.535	1.000	14.748					
11/18/2016 8:00:00 AM	208800.000	19.289	16.161	43.967	2017.138	2426.830	1.259
495.752	1.000	14.752					
11/18/2016 8:15:00 AM	209700.000	19.281	16.161	43.947	2015.346	2424.688	1.258
496.193	1.000	14.757					
11/18/2016 8:30:00 AM	210600.000	19.287	16.162	43.960	2012.079	2420.724	1.256
496.998	1.000	14.757					
11/18/2016 8:45:00 AM	211500.000	19.293	16.162	43.974	2009.869	2418.074	1.255
497.545	1.000	14.758					
11/18/2016 9:00:00 AM	212400.000	19.293	16.162	43.975	2009.231	2417.302	1.254
497.703	1.000	14.756					
11/18/2016 9:15:00 AM	213300.000	19.289	16.162	43.967	2008.742	2416.719	1.254
497.824	1.000	14.763					

2410.083

2410.581

2411.068

2411.480

2411.632

2412.080

2412.374

2412.755

2412.971

2413.050

2413.406

2413.478

2413.524

2413.479

2413.739

2413.620

2413.721

2413.945

2414.444

2414.378

2414.824

2414.952

2415.590

2416.386

2416.947

2417.338

11/18/2016 9:30:00 AM	214200.000	19.290	16.162	43.968	2009.803	2417.971	1.255	1644.221
497.561	1.000	14.757						
11/18/2016 9:45:00 AM	215100.000	19.289	16.161	43.965	2012.049	2420.717	1.256	1646.088
497.006	1.000	14.759						
11/18/2016 10:00:00 AM	216000.000	19.298	16.162	43.985	2014.050	2423.090	1.257	1647.701
496.512	1.000	14.752						
11/18/2016 10:15:00 AM	216900.000	19.285	16.161	43.956	2015.660	2425.051	1.259	1649.035
496.115	1.000	14.759						
11/18/2016 10:30:00 AM	217800.000	19.288	16.161	43.963	2017.296	2427.024	1.260	1650.376
495.713	1.000	14.750						
11/18/2016 10:45:00 AM	218700.000	19.285	16.162	43.957	2019.289	2429.408	1.261	1651.997
495.224	1.000	14.755						
11/18/2016 11:00:00 AM	219600.000	19.290	16.162	43.968	2020.970	2431.430	1.262	1653.373
494.812	1.000	14.750						
11/18/2016 11:15:00 AM	220500.000	19.288	16.162	43.964	2022.332	2433.069	1.263	1654.487
494.479	1.000	14.752						
11/18/2016 11:30:00 AM	221400.000	19.289	16.161	43.965	2023.044	2433.945	1.263	1655.083
494.305	1.000	14.741						
11/18/2016 11:45:00 AM	222300.000	19.282	16.162	43.950	2023.826	2434.866	1.264	1655.709
494.114	1.000	14.746						
11/18/2016 12:00:00 PM	223200.000	19.288	16.161	43.964	2024.360	2435.522	1.264	1656.155
493.983	1.000	14.740						
11/18/2016 12:15:00 PM	224100.000	19.281	16.161	43.948	2024.824	2436.081	1.265	1656.535
493.870	1.000	14.740						
11/18/2016 12:30:00 PM	225000.000	19.286	16.161	43.959	2025.291	2436.638	1.265	1656.914
493.756	1.000	14.732						
11/18/2016 12:45:00 PM	225900.000	19.280	16.162	43.946	2026.108	2437.611	1.265	1657.576
493.557	1.000	14.728						
11/18/2016 1:00:00 PM	226800.000	19.291	16.161	43.970	2026.426	2438.004	1.266	1657.843
493.480	1.000	14.720						
11/18/2016 1:15:00 PM	227700.000	19.289	16.161	43.965	2026.512	2438.108	1.266	1657.913
493.459	1.000	14.716						
11/18/2016 1:30:00 PM	228600.000	19.290	16.161	43.969	2026.701	2438.354	1.266	1658.081
493.413	1.000	14.715						
11/18/2016 1:45:00 PM	229500.000	19.289	16.162	43.966	2027.408	2439.170	1.266	1658.636
493.241	1.000	14.715						
11/18/2016 2:00:00 PM	230400.000	19.281	16.161	43.948	2027.723	2439.580	1.266	1658.914
493.164	1.000	14.715						
11/18/2016 2:15:00 PM	231300.000	19.289	16.161	43.966	2028.144	2440.075	1.267	1659.251
493.062	1.000	14.708						
11/18/2016 2:30:00 PM	232200.000	19.294	16.161	43.976	2028.691	2440.769	1.267	1659.723
492.929	1.000	14.702						
11/18/2016 2:45:00 PM	233100.000	19.293	16.161	43.974	2028.982	2441.079	1.267	1659.934
492.858	1.000	14.699						
11/18/2016 3:00:00 PM	234000.000	19.294	16.162	43.977	2029.349	2441.501	1.267	1660.220
492.769	1.000	14.700						
11/18/2016 3:15:00 PM	234900.000	19.289	16.162	43.965	2029.256	2441.384	1.267	1660.141
492.791	1.000	14.701						
11/18/2016 3:30:00 PM	235800.000	19.296	16.161	43.982	2029.258	2441.416	1.267	1660.163
492.791	1.000	14.698						
11/18/2016 3:45:00 PM	236700.000	19.299	16.162	43.989	2029.017	2441.101	1.267	1659.949
492.849	1.000	14.701						
11/18/2016 4:00:00 PM	237600.000	19.301	16.161	43.994	2028.555	2440.560	1.267	1659.581
492.962	1.000	14.698						
11/18/2016 4:15:00 PM	238500.000	19.285	16.162	43.956	2027.281	2439.013	1.266	1658.529
493.271	1.000	14.708						
11/18/2016 4:30:00 PM	239400.000	19.282	16.162	43.950	2025.860	2437.293	1.265	1657.359
493.618	1.000	14.710						
11/18/2016 4:45:00 PM	240300.000	19.284	16.162	43.955	2023.838	2434.865	1.264	1655.708
494.111	1.000	14.712						
11/18/2016 5:00:00 PM	241200.000	19.289	16.161	43.966	2022.044	2432.727	1.263	1654.254
494.549	1.000	14.707						
11/18/2016 5:15:00 PM	242100.000	19.291	16.162	43.969	2020.045	2430.278	1.261	1652.589
495.038	1.000	14.708						
11/18/2016 5:30:00 PM	243000.000	19.285	16.162	43.958	2018.644	2428.632	1.260	1651.470
495.382	1.000	14.714						
11/18/2016 5:45:00 PM	243900.000	19.290	16.161	43.969	2017.384	2427.125	1.260	1650.445
495.692	1.000	14.711						
11/18/2016 6:00:00 PM	244800.000	19.287	16.162	43.961	2015.722	2425.077	1.259	1649.052
496.100	1.000	14.712						
11/18/2016 6:15:00 PM	245700.000	19.281	16.162	43.947	2014.535	2423.678	1.258	1648.101
496.392	1.000	14.718						
11/18/2016 6:30:00 PM	246600.000	19.281	16.163	43.947	2013.249	2422.081	1.257	1647.015
496.710	1.000	14.720						
11/18/2016 6:45:00 PM	247500.000	19.288	16.161	43.962	2012.019	2420.665	1.256	1646.052
497.013	1.000	14.714						
11/18/2016 7:00:00 PM	248400.000	19.285	16.162	43.957	2010.852	2419.209	1.255	1645.062
497.302	1.000	14.719						
11/18/2016 7:15:00 PM	249300.000	19.291	16.162	43.971	2009.980	2418.193	1.255	1644.371
497.517	1.000	14.718						
11/18/2016 7:30:00 PM	250200.000	19.293	16.162	43.976	2009.041	2417.068	1.254	1643.606
497.750	1.000	14.716						
11/18/2016 7:45:00 PM	251100.000	19.289	16.162	43.966	2008.296	2416.163	1.254	1642.991
497.934	1.000	14.719						
11/18/2016 8:00:00 PM	252000.000	19.292	16.161	43.972	2007.527	2415.261	1.253	1642.378
498.125	1.000	14.720						
11/18/2016 8:15:00 PM	252900.000	19.296	16.162	43.983	2006.847	2414.419	1.253	1641.805
498.294	1.000	14.718						
11/18/2016 8:30:00 PM	253800.000	19.294	16.162	43.977	2006.072	2413.476	1.252	1641.164
498.467	1.000	14.723						
11/18/2016 8:45:00 PM	254700.000	19.295	16.162	43.979	2005.570	2412.882	1.252	1640.760
498.611	1.000	14.719						
11/18/2016 9:00:00 PM	255600.000	19.288	16.162	43.962	2005.157	2412.381	1.252	1640.419
498.714	1.000	14.726						
11/18/2016 9:15:00 PM	256500.000	19.285	16.161	43.957	2004.699	2411.864	1.251	1640.068
498.828	1.000	14.726						
11/18/2016 9:30:00 PM	257400.000	19.286	16.162	43.958	2004.295	2411.349	1.251	1639.717
498.928	1.000	14.726						
11/18/2016 9:45:00 PM	258300.000	19.284	16.162	43.955	2004.078	2411.058	1.251	1639.520
498.983	1.000	14.727						
11/18/2016 10:00:00 PM	259200.000	19.284	16.162	43.954	2003.597	2410.518	1.251	1639.152
499.102	1.000	14.730						
11/18/2016 10:15:00 PM	260100.000	19.279	16.162	43.942	2002.976	2409.761	1.250	1638.638
499.257	1.000	14.733						
11/18/2016 10:30:00 PM	261000.000	19.289	16.161	43.966	2002.826	2409.611	1.250	1638.535
499.294	1.000	14.726						
11/18/2016 10:45:00 PM	261900.000	19.286	16.162	43.959	2002.464	2409.166	1.250	1638.233
499.385	1.000	14.731						
11/18/2016 11:00:00 PM	262800.000	19.297	16.161	43.983	2002.329	2409.007	1.250	1638.125
499.418	1.000	14.719						
11/18/2016 11:15:00 PM	263700.000	19.296	16.161	43.982	2002.056	2408.693	1.250	1637.911
499.487	1.000	14.725						
11/18/2016 11:30:00 PM	264600.000	19.285	16.162	43.955	2001.782	2408.330	1.249	1637.664
499.555	1.000	14.731						
11/18/2016 11:45:00 PM	265500.000	19.302	16.162	43.996	2001.704	2408.221	1.249	1637.591
499.574	1.000	14.722						
11/19/2016 12:00:00 AM	266400.000	19.283	16.161	43.953	2001.554	2408.074	1.249	1637.491
499.612	1.000	14.735						
11/19/2016 12:15:00 AM	267300.000	19.290	16.162	43.968	2001.284	2407.736	1.249	1637.260
499.679	1.000	14.728						
11/19/2016 12:30:00 AM	268200.000	19.290	16.162	43.969	2001.026	2407.425	1.249	1637.049
499.744	1.000	14.725						
11/19/2016 12:45:00 AM	269100.000	19.293	16.162	43.975	2000.864	2407.196	1.249	1636.894
499.784	1.000	14.726						
11/19/2016 1:00:00 AM	270000.000	19.284	16.162	43.955	2000.559	2406.834	1.249	1636.648
499.860	1.000	14.728						
11/19/2016 1:15:00 AM	270900.000	19.292	16.162	43.972	2000.324	2406.571	1.248	1636.468
499.919	1.000	14.724						
11/19/2016 1:30:00 AM	271800.000	19.292	16.161	43.973	2000.156	2406.409	1.248	1636.358
499.961	1.000	14.722						
11/19/2016 1:45:00 AM	272700.000	19.298	16.161	43.986	1999.893	2406.076	1.248	1636.132
500.027	1.000	14.717						
11/19/2016 2:00:00 AM	273600.000	19.288	16.1					

500.032	1.000	14.724					
11/19/2016 2:15:00 AM	274500.000	19.289	16.162	43.965	1999.994	2406.183	1.248
500.002	1.000	14.722					
11/19/2016 2:30:00 AM	275400.000	19.296	16.162	43.982	1999.978	2406.175	1.248
500.005	1.000	14.718					
11/19/2016 2:45:00 AM	276300.000	19.298	16.162	43.986	1999.933	2406.111	1.248
500.017	1.000	14.717					
11/19/2016 3:00:00 AM	277200.000	19.291	16.162	43.971	2000.013	2406.202	1.248
499.997	1.000	14.722					
11/19/2016 3:15:00 AM	278100.000	19.295	16.161	43.980	2000.181	2406.423	1.248
499.955	1.000	14.716					
11/19/2016 3:30:00 AM	279000.000	19.285	16.162	43.956	2000.052	2406.264	1.248
499.987	1.000	14.724					
11/19/2016 3:45:00 AM	279900.000	19.289	16.161	43.966	2000.329	2406.601	1.248
499.918	1.000	14.716					
11/19/2016 4:00:00 AM	280800.000	19.295	16.161	43.979	2000.663	2407.003	1.249
499.834	1.000	14.714					
11/19/2016 4:15:00 AM	281700.000	19.296	16.162	43.981	2000.433	2406.721	1.248
499.892	1.000	14.709					
11/19/2016 4:30:00 AM	282600.000	19.291	16.162	43.970	2000.703	2407.041	1.249
499.824	1.000	14.713					
11/19/2016 4:45:00 AM	283500.000	19.293	16.162	43.974	2000.886	2407.262	1.249
499.779	1.000	14.714					
11/19/2016 5:00:00 AM	284400.000	19.298	16.161	43.986	2001.063	2407.519	1.249
499.734	1.000	14.709					
11/19/2016 5:15:00 AM	285300.000	19.285	16.161	43.956	2001.295	2407.763	1.249
499.676	1.000	14.716					
11/19/2016 5:30:00 AM	286200.000	19.290	16.162	43.968	2001.671	2408.211	1.249
499.583	1.000	14.711					
11/19/2016 5:45:00 AM	287100.000	19.294	16.161	43.977	2001.946	2408.547	1.249
499.514	1.000	14.707					
11/19/2016 6:00:00 AM	288000.000	19.290	16.161	43.967	2002.126	2408.779	1.250
499.469	1.000	14.705					
11/19/2016 6:15:00 AM	288900.000	19.291	16.161	43.971	2002.819	2409.616	1.250
499.296	1.000	14.706					
11/19/2016 6:30:00 AM	289800.000	19.297	16.161	43.984	2003.130	2409.976	1.250
499.219	1.000	14.704					
11/19/2016 6:45:00 AM	290700.000	19.290	16.161	43.968	2003.543	2410.467	1.251
499.116	1.000	14.713					
11/19/2016 7:00:00 AM	291600.000	19.295	16.162	43.978	2004.436	2411.532	1.251
498.893	1.000	14.708					
11/19/2016 7:15:00 AM	292500.000	19.291	16.162	43.970	2005.072	2412.292	1.252
498.735	1.000	14.706					
11/19/2016 7:30:00 AM	293400.000	19.287	16.161	43.961	2005.640	2412.991	1.252
498.594	1.000	14.703					
11/19/2016 7:45:00 AM	294300.000	19.291	16.162	43.971	2006.321	2413.795	1.252
498.425	1.000	14.710					
11/19/2016 8:00:00 AM	295200.000	19.299	16.161	43.988	2006.877	2414.500	1.253
498.287	1.000	14.708					
11/19/2016 8:15:00 AM	296100.000	19.296	16.161	43.980	2007.601	2415.365	1.253
498.107	1.000	14.709					
11/19/2016 8:30:00 AM	297000.000	19.296	16.162	43.981	2008.294	2416.174	1.254
497.935	1.000	14.705					
11/19/2016 8:45:00 AM	297900.000	19.290	16.161	43.968	2009.488	2417.625	1.254
497.639	1.000	14.707					
11/19/2016 9:00:00 AM	298800.000	19.288	16.161	43.974	2010.693	2419.075	1.255
497.341	1.000	14.709					
11/19/2016 9:15:00 AM	299700.000	19.288	16.161	43.964	2012.979	2421.836	1.257
496.776	1.000	14.716					
11/19/2016 9:30:00 AM	300600.000	19.287	16.161	43.961	2015.385	2424.730	1.258
496.183	1.000	14.714					
11/19/2016 9:45:00 AM	301500.000	19.291	16.161	43.969	2017.246	2426.969	1.260
495.725	1.000	14.710					
11/19/2016 10:00:00 AM	302400.000	19.290	16.161	43.967	2018.628	2428.637	1.260
495.386	1.000	14.712					
11/19/2016 10:15:00 AM	303300.000	19.300	16.161	43.990	2019.282	2429.419	1.261
495.225	1.000	14.706					
11/19/2016 10:30:00 AM	304200.000	19.299	16.162	43.988	2019.403	2429.534	1.261
495.196	1.000	14.710					
11/19/2016 10:45:00 AM	305100.000	19.290	16.161	43.967	2019.438	2429.607	1.261
495.187	1.000	14.711					
11/19/2016 11:00:00 AM	306000.000	19.285	16.161	43.956	2020.275	2430.604	1.262
494.982	1.000	14.714					
11/19/2016 11:15:00 AM	306900.000	19.299	16.162	43.988	2021.063	2431.537	1.262
494.789	1.000	14.709					
11/19/2016 11:30:00 AM	307800.000	19.292	16.161	43.973	2021.807	2432.472	1.263
494.607	1.000	14.709					
11/19/2016 11:45:00 AM	308700.000	19.288	16.161	43.963	2022.177	2432.902	1.263
494.516	1.000	14.713					
11/19/2016 12:00:00 PM	309600.000	19.299	16.162	43.987	2022.588	2433.377	1.263
494.416	1.000	14.702					
11/19/2016 12:15:00 PM	310500.000	19.296	16.161	43.981	2022.616	2433.445	1.263
494.409	1.000	14.702					
11/19/2016 12:30:00 PM	311400.000	19.301	16.162	43.992	2022.804	2433.632	1.263
494.363	1.000	14.704					
11/19/2016 12:45:00 PM	312300.000	19.292	16.162	43.972	2022.845	2433.686	1.263
494.353	1.000	14.704					
11/19/2016 1:00:00 PM	313200.000	19.286	16.162	43.959	2022.587	2433.370	1.263
494.416	1.000	14.710					
11/19/2016 1:15:00 PM	314100.000	19.294	16.162	43.976	2022.190	2432.893	1.263
494.513	1.000	14.697					
11/19/2016 1:30:00 PM	315000.000	19.292	16.161	43.972	2021.723	2432.340	1.262
494.628	1.000	14.699					
11/19/2016 1:45:00 PM	315900.000	19.297	16.162	43.984	2021.282	2431.791	1.262
494.735	1.000	14.699					
11/19/2016 2:00:00 PM	316800.000	19.299	16.162	43.987	2020.578	2430.948	1.262
494.908	1.000	14.696					
11/19/2016 2:15:00 PM	317700.000	19.295	16.161	43.979	2019.909	2430.168	1.261
495.072	1.000	14.700					
11/19/2016 2:30:00 PM	318600.000	19.294	16.162	43.977	2019.141	2429.229	1.261
495.260	1.000	14.698					
11/19/2016 2:45:00 PM	319500.000	19.300	16.162	43.992	2019.113	2429.166	1.261
495.267	1.000	14.694					
11/19/2016 3:00:00 PM	320400.000	19.296	16.162	43.980	2019.026	2429.076	1.261
495.288	1.000	14.699					
11/19/2016 3:15:00 PM	321300.000	19.301	16.162	43.994	2018.881	2428.907	1.261
495.324	1.000	14.698					
11/19/2016 3:30:00 PM	322200.000	19.302	16.162	43.995	2018.496	2428.439	1.260
495.618	1.000	14.699					
11/19/2016 3:45:00 PM	323100.000	19.295	16.162	43.980	2018.580	2428.545	1.260
495.398	1.000	14.699					
11/19/2016 4:00:00 PM	324000.000	19.295	16.161	43.980	2018.298	2428.235	1.260
495.467	1.000	14.702					
11/19/2016 4:15:00 PM	324900.000	19.290	16.162	43.967	2018.028	2427.860	1.260
495.533	1.000	14.700					
11/19/2016 4:30:00 PM	325800.000	19.292	16.162	43.974	2018.217	2428.117	1.260
495.487	1.000	14.696					
11/19/2016 4:45:00 PM	326700.000	19.295	16.162	43.980	2017.939	2427.744	1.260
495.555	1.000	14.694					
11/19/2016 5:00:00 PM	327600.000	19.293	16.162	43.974	2017.664	2427.438	1.260
495.623	1.000	14.698					
11/19/2016 5:15:00 PM	328500.000	19.297	16.162	43.983	2017.532	2427.245	1.260
495.655	1.000	14.693					
11/19/2016 5:30:00 PM	329400.000	19.292	16.162	43.972	2017.501	2427.241	1.260
495.663	1.000	14.696					
11/19/2016 5:45:00 PM	330300.000	19.291	16.161	43.970	2017.571	2427.345	1.260
495.646	1.000	14.700					
11/19/2016 6:00:00 PM	331200.000	19.294	16.162	43.978	2017.328	2427.033	1.260
495.705	1.000	14.699					
11/19/2016 6:15:00 PM	332100.000	19.300	16.162	43.991	2017.038	2426.666	1.259
495.776	1.000	14.700					
11/19/2016 6:30:00 PM	333000.000	19.299	16.161	43.988	2017.005	2426.679	1.259
495.785	1.000	14.697					

2406.183	1.248	1636.205
2406.175	1.248	1636.199
2406.111	1.248	1636.155
2406.202	1.248	1636.218
2406.423	1.248	1636.368
2406.264	1.248	1636.260
2406.601	1.248	1636.489
2407.003	1.249	1636.762
2406.721	1.248	1636.570
2407.041	1.249	1636.788
2407.262	1.249	1636.938
2407.519	1.249	1637.113
2407.763	1.249	1637.279
2408.211	1.249	1637.584
2408.547	1.249	1637.812
2408.779	1.250	1637.970
2409.616	1.250	1638.539
2409.976	1.250	1638.784
2410.467	1.251	1639.118
2411.532	1.251	1639.842
2412.292	1.252	1640.359
2412.991	1.252	1640.834
2413.795	1.252	1641.381
2414.500	1.253	1641.860
2415.365	1.253	1642.448
2416.174	1.254	1642.999
2417.625	1.254	1643.985
2419.075	1.255	

11/19/2016 6:45:00 PM	333900.000	19.283	16.161	43.975	2016.867	2426.504	1.259	1650.022
495.818	1.000	14.706						
11/19/2016 7:00:00 PM	334800.000	19.293	16.161	43.976	2016.785	2426.509	1.259	1649.958
495.839	1.000	14.705						
11/19/2016 7:15:00 PM	335700.000	19.297	16.162	43.983	2016.834	2426.454	1.259	1649.989
495.827	1.000	14.708						
11/19/2016 7:30:00 PM	336600.000	19.299	16.161	43.989	2016.836	2426.470	1.259	1650.000
495.826	1.000	14.706						
11/19/2016 7:45:00 PM	337500.000	19.296	16.162	43.987	2016.764	2426.355	1.259	1649.922
495.844	1.000	14.709						
11/19/2016 8:00:00 PM	338400.000	19.292	16.162	43.973	2016.729	2426.317	1.259	1649.896
495.853	1.000	14.711						
11/19/2016 8:15:00 PM	339300.000	19.289	16.161	43.966	2016.983	2426.648	1.259	1650.121
495.790	1.000	14.710						
11/19/2016 8:30:00 PM	340200.000	19.303	16.162	43.998	2016.854	2426.478	1.259	1650.005
495.822	1.000	14.704						
11/19/2016 8:45:00 PM	341100.000	19.289	16.161	43.966	2017.066	2426.761	1.259	1650.198
495.770	1.000	14.709	16.162	43.983	2017.174	2426.843	1.259	1650.253
11/19/2016 9:00:00 PM	342000.000	19.297						
495.743	1.000	14.708						
11/19/2016 9:15:00 PM	342900.000	19.293	16.161	43.975	2016.932	2426.576	1.259	1650.072
495.802	1.000	14.714						
11/19/2016 9:30:00 PM	343800.000	19.291	16.161	43.971	2017.297	2427.015	1.260	1650.370
495.713	1.000	14.713						
11/19/2016 9:45:00 PM	344700.000	19.291	16.161	43.970	2017.281	2427.007	1.260	1650.365
495.717	1.000	14.710						
11/19/2016 10:00:00 PM	345600.000	19.294	16.161	43.978	2017.426	2427.171	1.260	1650.476
495.681	1.000	14.711						
11/19/2016 10:15:00 PM	346500.000	19.295	16.161	43.980	2017.556	2427.326	1.260	1650.582
495.649	1.000	14.710						
11/19/2016 10:30:00 PM	347400.000	19.292	16.162	43.973	2017.778	2427.589	1.260	1650.761
495.595	1.000	14.714						
11/19/2016 10:45:00 PM	348300.000	19.298	16.161	43.985	2017.657	2427.458	1.260	1650.672
495.624	1.000	14.716						
11/19/2016 11:00:00 PM	349200.000	19.290	16.162	43.969	2017.998	2427.854	1.260	1650.941
495.541	1.000	14.711						
11/19/2016 11:15:00 PM	350100.000	19.296	16.161	43.981	2018.122	2428.023	1.260	1651.056
495.510	1.000	14.712						
11/19/2016 11:30:00 PM	351000.000	19.295	16.161	43.979	2018.408	2428.373	1.260	1651.294
495.440	1.000	14.706	16.162	44.001	2018.662	2428.633	1.260	1651.471
11/19/2016 11:45:00 PM	351900.000	19.305						
495.378	1.000	14.705						
11/20/2016 12:00:00 AM	352800.000	19.293	16.161	43.975	2018.880	2428.929	1.261	1651.672
495.324	1.000	14.708						
11/20/2016 12:15:00 AM	353700.000	19.302	16.161	43.996	2019.079	2429.170	1.261	1651.836
495.275	1.000	14.705						
11/20/2016 12:30:00 AM	354600.000	19.292	16.161	43.972	2019.365	2429.509	1.261	1652.066
495.205	1.000	14.709						
11/20/2016 12:45:00 AM	355500.000	19.297	16.161	43.984	2019.565	2429.750	1.261	1652.230
495.156	1.000	14.702						
11/20/2016 1:00:00 AM	356400.000	19.305	16.162	44.001	2019.803	2430.026	1.261	1652.418
495.098	1.000	14.701						
11/20/2016 1:15:00 AM	357300.000	19.294	16.161	43.978	2020.133	2430.427	1.261	1652.690
495.017	1.000	14.706						
11/20/2016 1:30:00 AM	358200.000	19.296	16.161	43.982	2020.230	2430.554	1.262	1652.777
494.993	1.000	14.705						
11/20/2016 1:45:00 AM	359100.000	19.304	16.161	43.999	2020.458	2430.849	1.262	1652.977
494.937	1.000	14.702						
11/20/2016 2:00:00 AM	360000.000	19.297	16.161	43.984	2020.907	2431.383	1.262	1653.341
494.827	1.000	14.708						
11/20/2016 2:15:00 AM	360900.000	19.294	16.161	43.977	2020.885	2431.332	1.262	1653.306
494.833	1.000	14.707						
11/20/2016 2:30:00 AM	361800.000	19.302	16.162	43.994	2021.107	2431.594	1.262	1653.484
494.778	1.000	14.706						
11/20/2016 2:45:00 AM	362700.000	19.296	16.161	43.981	2021.164	2431.674	1.262	1653.538
494.764	1.000	14.705						
11/20/2016 3:00:00 AM	363600.000	19.303	16.162	43.998	2021.297	2431.809	1.262	1653.630
494.732	1.000	14.704						
11/20/2016 3:15:00 AM	364500.000	19.298	16.161	43.985	2021.256	2431.779	1.262	1653.610
494.742	1.000	14.703						
11/20/2016 3:30:00 AM	365400.000	19.308	16.162	44.008	2021.401	2431.924	1.262	1653.709
494.706	1.000	14.698						
11/20/2016 3:45:00 AM	366300.000	19.299	16.162	43.988	2021.603	2432.172	1.262	1653.877
494.657	1.000	14.700						
11/20/2016 4:00:00 AM	367200.000	19.296	16.161	43.987	2021.662	2432.276	1.262	1653.948
494.643	1.000	14.697						
11/20/2016 4:15:00 AM	368100.000	19.295	16.161	43.979	2021.776	2432.409	1.263	1654.038
494.615	1.000	14.697						
11/20/2016 4:30:00 AM	369000.000	19.295	16.162	43.979	2021.940	2432.587	1.263	1654.159
494.574	1.000	14.702						
11/20/2016 4:45:00 AM	369900.000	19.302	16.161	43.995	2022.292	2433.045	1.263	1654.471
494.488	1.000	14.697						
11/20/2016 5:00:00 AM	370800.000	19.299	16.161	43.989	2022.191	2432.924	1.263	1654.388
494.513	1.000	14.698						
11/20/2016 5:15:00 AM	371700.000	19.298	16.161	43.987	2022.347	2433.112	1.263	1654.516
494.475	1.000	14.698						
11/20/2016 5:30:00 AM	372600.000	19.299	16.162	43.989	2022.823	2433.659	1.263	1654.889
494.359	1.000	14.697						
11/20/2016 5:45:00 AM	373500.000	19.296	16.162	43.982	2023.032	2433.911	1.263	1655.060
494.307	1.000	14.700						
11/20/2016 6:00:00 AM	374400.000	19.301	16.162	43.994	2022.971	2433.837	1.263	1655.009
494.322	1.000	14.700						
11/20/2016 6:15:00 AM	375300.000	19.294	16.161	43.978	2023.021	2433.922	1.263	1655.067
494.310	1.000	14.707						
11/20/2016 6:30:00 AM	376200.000	19.298	16.162	43.986	2023.093	2433.964	1.263	1655.096
494.293	1.000	14.701						
11/20/2016 6:45:00 AM	377100.000	19.294	16.162	43.977	2023.321	2434.248	1.264	1655.289
494.237	1.000	14.705						
11/20/2016 7:00:00 AM	378000.000	19.303	16.162	43.998	2023.396	2434.343	1.264	1655.353
494.219	1.000	14.703						
11/20/2016 7:15:00 AM	378900.000	19.295	16.162	43.978	2023.387	2434.328	1.264	1655.343
494.221	1.000	14.710						
11/20/2016 7:30:00 AM	379800.000	19.301	16.161	43.992	2023.390	2434.346	1.264	1655.355
494.220	1.000	14.709						
11/20/2016 7:45:00 AM	380700.000	19.301	16.162	43.993	2023.465	2434.412	1.264	1655.401
494.202	1.000	14.704						
11/20/2016 8:00:00 AM	381600.000	19.299	16.161	43.988	2023.431	2434.400	1.264	1655.392
494.210	1.000	14.702						
11/20/2016 8:15:00 AM	382500.000	19.299	16.161	43.989	2023.599	2434.598	1.264	1655.526
494.169	1.000	14.706						
11/20/2016 8:30:00 AM	383400.000	19.290	16.162	43.967	2023.685	2434.672	1.264	1655.577
494.148	1.000	14.711						
11/20/2016 8:45:00 AM	384300.000	19.298	16.162	43.987	2023.544	2434.521	1.264	1655.474
494.183	1.000	14.707						
11/20/2016 9:00:00 AM	385200.000	19.296	16.162	43.981	2023.606	2434.567	1.264	1655.506
494.167	1.000	14.713						
11/20/2016 9:15:00 AM	386100.000	19.302	16.162	43.996	2023.414	2434.321	1.264	1655.339
494.214	1.000	14.710						
11/20/2016 9:30:00 AM	387000.000	19.302	16.162	43.995	2023.454	2434.408	1.264	1655.398
494.204	1.000	14.706						
11/20/2016 9:45:00 AM	387900.000	19.299	16.162	43.989	2023.359	2434.289	1.264	1655.317
494.228	1.000	14.708						
11/20/2016 10:00:00 AM	388800.000	19.306	16.162	44.005	2022.535	2433.279	1.263	1654.630
494.429	1.000	14.711						
11/20/2016 10:15:00 AM	389700.000	19.306	16.162	44.005	2020.684	2431.076	1.262	1653.132
494.882	1.000	14.702						
11/20/2016 10:30:00 AM	390600.000	19.303	16.162	43.998	2018.216	2428.092	1.260	1651.103
495.487	1.000	14.705						
11/20/2016 10:45:00 AM	391500.000	19.296	16.162	43.981	2015.709	2425.070	1.259	1649.048
496.103	1.000	14.713						
11/20/2016 11:00:00 AM	392400.000	19.300	16.162	43.990	2013.098	2421.944	1.257	1646.92

497.199	1.000	14.708					
11/20/2016 11:30:00 AM	394200.000	19.299	16.162	43.988	2009.484	2417.567	1.254
497.640	1.000	14.704					1643.945
11/20/2016 11:45:00 AM	395100.000	19.311	16.163	44.016	2007.741	2415.459	1.253
498.072	1.000	14.696					1642.512
11/20/2016 12:00:00 PM	396000.000	19.304	16.162	44.000	2006.786	2414.345	1.253
498.309	1.000	14.697					1641.755
11/20/2016 12:15:00 PM	396900.000	19.302	16.162	43.994	2005.673	2412.993	1.252
498.586	1.000	14.700					1640.835
11/20/2016 12:30:00 PM	397800.000	19.299	16.162	43.988	2004.552	2411.644	1.251
498.865	1.000	14.696					1639.918
11/20/2016 12:45:00 PM	398700.000	19.301	16.162	43.994	2003.568	2410.470	1.251
499.109	1.000	14.695					1639.120
11/20/2016 1:00:00 PM	399600.000	19.303	16.162	43.998	2002.855	2409.621	1.250
499.287	1.000	14.691					1638.542
11/20/2016 1:15:00 PM	400500.000	19.297	16.162	43.985	2001.851	2408.379	1.249
499.538	1.000	14.697					1637.698
11/20/2016 1:30:00 PM	401400.000	19.303	16.162	43.998	2001.493	2407.948	1.249
499.627	1.000	14.685					1637.405
11/20/2016 1:45:00 PM	402300.000	19.302	16.162	43.995	2000.783	2407.099	1.249
499.804	1.000	14.684					1636.827
11/20/2016 2:00:00 PM	403200.000	19.305	16.162	44.001	2000.460	2406.710	1.248
499.885	1.000	14.680					1636.563
11/20/2016 2:15:00 PM	404100.000	19.310	16.162	44.012	2000.354	2406.603	1.248
499.911	1.000	14.678					1636.490
11/20/2016 2:30:00 PM	405000.000	19.307	16.162	44.007	1999.997	2406.153	1.248
500.001	1.000	14.680					1636.184
11/20/2016 2:45:00 PM	405900.000	19.312	16.162	44.019	1999.626	2405.726	1.248
500.094	1.000	14.679					1635.894
11/20/2016 3:00:00 PM	406800.000	19.312	16.162	44.018	1999.202	2405.192	1.248
500.200	1.000	14.674					1635.531
11/20/2016 3:15:00 PM	407700.000	19.305	16.161	44.003	1999.019	2405.025	1.248
500.245	1.000	14.683					1635.417
11/20/2016 3:30:00 PM	408600.000	19.307	16.162	44.006	1998.722	2404.644	1.247
500.320	1.000	14.681					1635.158
11/20/2016 3:45:00 PM	409500.000	19.302	16.162	43.995	1998.632	2404.525	1.247
500.342	1.000	14.682					1635.077
11/20/2016 4:00:00 PM	410400.000	19.306	16.162	44.005	1998.295	2404.110	1.247
500.427	1.000	14.681					1634.795
11/20/2016 4:15:00 PM	411300.000	19.302	16.162	43.995	1998.172	2403.987	1.247
500.458	1.000	14.680					1634.711
11/20/2016 4:30:00 PM	412200.000	19.301	16.162	43.994	1997.832	2403.578	1.247
500.542	1.000	14.682					1634.433
11/20/2016 4:45:00 PM	413100.000	19.309	16.162	44.011	1997.834	2403.551	1.247
500.542	1.000	14.674					1634.415
11/20/2016 5:00:00 PM	414000.000	19.301	16.162	43.994	1997.858	2403.585	1.247
500.536	1.000	14.677					1634.438
11/20/2016 5:15:00 PM	414900.000	19.305	16.162	44.003	1997.984	2403.756	1.247
500.504	1.000	14.678					1634.554
11/20/2016 5:30:00 PM	415800.000	19.303	16.162	43.998	1998.111	2403.895	1.247
500.473	1.000	14.680					1634.649
11/20/2016 5:45:00 PM	416700.000	19.301	16.162	43.994	1997.872	2403.592	1.247
500.533	1.000	14.684					1634.443
11/20/2016 6:00:00 PM	417600.000	19.307	16.162	44.007	1997.825	2403.535	1.247
500.544	1.000	14.685					1634.404
11/20/2016 6:15:00 PM	418500.000	19.301	16.162	43.992	1997.905	2403.631	1.247
500.524	1.000	14.689					1634.469
11/20/2016 6:30:00 PM	419400.000	19.305	16.162	44.003	1997.695	2403.399	1.247
500.577	1.000	14.684					1634.311
11/20/2016 6:45:00 PM	420300.000	19.310	16.163	44.013	1997.529	2403.174	1.247
500.618	1.000	14.685					1634.159
11/20/2016 7:00:00 PM	421200.000	19.305	16.163	44.003	1997.659	2403.311	1.247
500.586	1.000	14.689					1634.252
11/20/2016 7:15:00 PM	422100.000	19.303	16.163	43.997	1997.553	2403.165	1.247
500.612	1.000	14.689					1634.152
11/20/2016 7:30:00 PM	423000.000	19.309	16.163	44.012	1997.677	2403.352	1.247
500.581	1.000	14.686					1634.280
11/20/2016 7:45:00 PM	423900.000	19.308	16.162	44.008	1997.870	2403.590	1.247
500.533	1.000	14.683					1634.441
11/20/2016 8:00:00 PM	424800.000	19.306	16.163	44.005	1997.660	2403.308	1.247
500.586	1.000	14.695					1634.250
11/20/2016 8:15:00 PM	425700.000	19.310	16.163	44.014	1997.336	2402.927	1.246
500.667	1.000	14.691					1633.991
11/20/2016 8:30:00 PM	426600.000	19.310	16.162	44.014	1995.853	2401.182	1.245
501.039	1.000	14.691					1632.804
11/20/2016 8:45:00 PM	427500.000	19.304	16.163	43.999	1991.353	2395.729	1.242
502.171	1.000	14.693					1629.096
11/20/2016 9:00:00 PM	428400.000	19.306	16.163	44.004	1985.565	2388.752	1.239
503.635	1.000	14.694					1624.351
11/20/2016 9:15:00 PM	429300.000	19.308	16.162	44.008	1979.796	2381.845	1.235
505.103	1.000	14.693					1619.655
11/20/2016 9:30:00 PM	430200.000	19.311	16.163	44.017	1975.516	2376.682	1.232
506.197	1.000	14.687					1616.144
11/20/2016 9:45:00 PM	431100.000	19.301	16.163	43.993	1972.281	2372.794	1.230
507.027	1.000	14.693					1613.500
11/20/2016 10:00:00 PM	432000.000	19.307	16.163	44.007	1970.194	2370.260	1.229
507.564	1.000	14.691					1611.777
11/20/2016 10:15:00 PM	432900.000	19.305	16.163	44.002	1968.131	2367.798	1.227
508.096	1.000	14.696					1610.103
11/20/2016 10:30:00 PM	433800.000	19.302	16.162	43.996	1966.922	2366.357	1.226
508.409	1.000	14.696					1609.123
11/20/2016 10:45:00 PM	434700.000	19.305	16.162	44.001	1965.809	2365.023	1.226
508.696	1.000	14.696					1608.216
11/20/2016 11:00:00 PM	435600.000	19.312	16.162	44.019	1964.655	2363.645	1.225
508.995	1.000	14.703					1607.278
11/20/2016 11:15:00 PM	436500.000	19.303	16.162	43.998	1963.250	2361.940	1.224
509.359	1.000	14.708					1606.119
11/20/2016 11:30:00 PM	437400.000	19.312	16.162	44.018	1961.846	2360.264	1.223
509.724	1.000	14.705					1604.980
11/20/2016 11:45:00 PM	438300.000	19.308	16.163	44.009	1960.773	2358.902	1.222
510.003	1.000	14.701					1604.053
11/21/2016 12:00:00 AM	439200.000	19.307	16.163	44.008	1960.060	2358.091	1.222
510.189	1.000	14.701					1603.502
11/21/2016 12:15:00 AM	440100.000	19.308	16.163	44.009	1959.341	2357.231	1.221
510.376	1.000	14.701					1602.917
11/21/2016 12:30:00 AM	441000.000	19.304	16.163	43.999	1958.889	2356.687	1.221
510.493	1.000	14.707					1602.547
11/21/2016 12:45:00 AM	441900.000	19.305	16.162	44.003	1958.974	2356.809	1.221
510.471	1.000	14.704					1602.630
11/21/2016 1:00:00 AM	442800.000	19.314	16.163	44.022	1958.821	2356.577	1.221
510.511	1.000	14.699					1602.472
11/21/2016 1:15:00 AM	443700.000	19.308	16.162	44.010	1958.880	2356.691	1.221
510.496	1.000	14.707					1602.550
11/21/2016 1:30:00 AM	444600.000	19.304	16.162	44.000	1958.928	2356.740	1.221
510.483	1.000	14.711					1602.583
11/21/2016 1:45:00 AM	445500.000	19.312	16.162	44.017	1959.318	2357.209	1.221
510.382	1.000	14.706					1602.902
11/21/2016 2:00:00 AM	446400.000	19.304	16.162	43.999	1959.498	2357.426	1.222
510.335	1.000	14.711					1603.050
11/21/2016 2:15:00 AM	447300.000	19.309	16.162	44.011	1959.898	2357.916	1.222
510.231	1.000	14.706					1603.383
11/21/2016 2:30:00 AM	448200.000	19.304	16.162	44.000	1960.554	2358.710	1.222
510.060	1.000	14.711					1603.923
11/21/2016 2:45:00 AM	449100.000	19.310	16.162	44.014	1961.013	2359.253	1.223
509.940	1.000	14.711					1604.292
11/21/2016 3:00:00 AM	450000.000	19.306	16.163	44.005	1961.438	2359.744	1.223
509.830	1.000	14.722					1604.626
11/21/2016 3:15:00 AM	450900.000	19.310	16.162	44.014	1961.816	2360.214	1.223
509.732	1.000	14.710					1604.946
11/21/2016 3:30:00 AM	451800.000	19.310	16.162	44.014	1961.508	2359.844	1.223
509.812	1.000	14.713					1604.694
11/21/2016 3:45:00 AM	452700.000	19.316	16.162	44.028	1958.866	2356.689	1.221
510.499	1.000	14.711					1602.549

11/21/2016 4:00:00 AM	453600.000	19.309	16.162	44.012	1952.854	2349.460	1.217	1597.633
512.071	1.000	14.712						
11/21/2016 4:15:00 AM	454500.000	19.306	16.163	44.005	1945.057	2340.028	1.212	1591.219
514.124	1.000	14.721						
11/21/2016 4:30:00 AM	455400.000	19.303	16.162	43.997	1938.290	2331.919	1.208	1585.705
515.919	1.000	14.718						
11/21/2016 4:45:00 AM	456300.000	19.307	16.162	44.006	1933.381	2326.014	1.204	1581.689
517.229	1.000	14.718						
11/21/2016 5:00:00 AM	457200.000	19.319	16.162	44.033	1929.691	2321.570	1.202	1578.668
518.218	1.000	14.716						
11/21/2016 5:15:00 AM	458100.000	19.306	16.162	44.004	1926.079	2317.225	1.200	1575.713
519.189	1.000	14.725						
11/21/2016 5:30:00 AM	459000.000	19.306	16.162	44.003	1923.516	2314.145	1.198	1573.619
519.881	1.000	14.724						
11/21/2016 5:45:00 AM	459900.000	19.311	16.162	44.016	1921.209	2311.366	1.196	1571.729
520.505	1.000	14.722						
11/21/2016 6:00:00 AM	460800.000	19.304	16.162	44.000	1919.118	2308.845	1.195	1570.015
521.073	1.000	14.731						
11/21/2016 6:15:00 AM	461700.000	19.307	16.162	44.008	1916.480	2305.681	1.193	1567.863
521.790	1.000	14.730						
11/21/2016 6:30:00 AM	462600.000	19.312	16.163	44.019	1914.583	2303.375	1.192	1566.295
522.307	1.000	14.733						
11/21/2016 6:45:00 AM	463500.000	19.309	16.163	44.012	1912.749	2301.168	1.191	1564.795
522.808	1.000	14.738						
11/21/2016 7:00:00 AM	464400.000	19.305	16.163	44.002	1911.055	2299.126	1.190	1563.406
523.271	1.000	14.742						
11/21/2016 7:15:00 AM	465300.000	19.303	16.163	43.997	1909.689	2297.487	1.189	1562.291
523.646	1.000	14.746						
11/21/2016 7:30:00 AM	466200.000	19.307	16.163	44.006	1908.810	2296.438	1.188	1561.578
523.887	1.000	14.746						
11/21/2016 7:45:00 AM	467100.000	19.313	16.163	44.021	1908.151	2295.614	1.188	1561.018
524.067	1.000	14.745						
11/21/2016 8:00:00 AM	468000.000	19.306	16.163	44.004	1907.743	2295.127	1.188	1560.687
524.180	1.000	14.752						
11/21/2016 8:15:00 AM	468900.000	19.308	16.163	44.009	1907.633	2295.014	1.188	1560.610
524.210	1.000	14.755						
11/21/2016 8:30:00 AM	469800.000	19.309	16.163	44.011	1907.616	2294.979	1.188	1560.586
524.215	1.000	14.756						
11/21/2016 8:45:00 AM	470700.000	19.303	16.163	43.997	1906.832	2294.045	1.187	1559.951
524.430	1.000	14.758						
11/21/2016 9:00:00 AM	471600.000	19.301	16.163	43.994	1903.154	2289.625	1.185	1556.945
525.443	1.000	14.763						
11/21/2016 9:15:00 AM	472500.000	19.304	16.163	43.999	1894.728	2279.492	1.179	1550.055
527.780	1.000	14.756						
11/21/2016 9:30:00 AM	473400.000	19.303	16.163	43.997	1883.333	2265.788	1.172	1540.736
530.973	1.000	14.760						
11/21/2016 9:45:00 AM	474300.000	19.304	16.163	44.000	1876.092	2257.054	1.167	1534.797
533.023	1.000	14.764						
11/21/2016 10:00:00 AM	475200.000	19.307	16.163	44.007	1866.622	2245.669	1.161	1527.055
535.727	1.000	14.761						
11/21/2016 10:15:00 AM	476100.000	19.306	16.163	44.004	1862.259	2240.421	1.158	1523.486
536.982	1.000	14.764						
11/21/2016 10:30:00 AM	477000.000	19.308	16.163	44.009	1858.215	2235.560	1.155	1520.181
538.151	1.000	14.764						
11/21/2016 10:45:00 AM	477900.000	19.308	16.163	44.008	1856.379	2233.329	1.154	1518.664
538.683	1.000	14.766						
11/21/2016 11:00:00 AM	478800.000	19.307	16.163	44.007	1854.949	2231.626	1.153	1517.506
539.098	1.000	14.765						
11/21/2016 11:15:00 AM	479700.000	19.315	16.163	44.026	1851.109	2226.998	1.151	1514.359
540.217	1.000	14.764						
11/21/2016 11:30:00 AM	480600.000	19.308	16.163	44.008	1845.198	2219.904	1.147	1509.535
541.947	1.000	14.766						
11/21/2016 11:45:00 AM	481500.000	19.305	16.163	44.002	1844.750	2219.353	1.146	1509.160
542.079	1.000	14.761						
11/21/2016 12:00:00 PM	482400.000	19.307	16.162	44.006	1844.830	2219.470	1.146	1509.240
542.065	1.000	14.760						
11/21/2016 12:15:00 PM	483300.000	19.309	16.162	44.012	1845.084	2219.777	1.147	1509.448
541.981	1.000	14.759						
11/21/2016 12:30:00 PM	484200.000	19.307	16.163	44.007	1845.735	2220.547	1.147	1509.972
541.789	1.000	14.759						
11/21/2016 12:45:00 PM	485100.000	19.312	16.163	44.018	1846.701	2221.703	1.148	1510.758
541.506	1.000	14.762						
11/21/2016 1:00:00 PM	486000.000	19.304	16.163	44.000	1847.543	2222.725	1.148	1511.453
541.260	1.000	14.757						
11/21/2016 1:15:00 PM	486900.000	19.310	16.163	44.013	1848.261	2223.590	1.149	1512.041
541.049	1.000	14.758						
11/21/2016 1:30:00 PM	487800.000	19.307	16.162	44.008	1848.911	2224.395	1.149	1512.589
540.859	1.000	14.755						
11/21/2016 1:45:00 PM	488700.000	19.312	16.162	44.019	1850.230	2225.994	1.150	1513.676
540.473	1.000	14.759						
11/21/2016 2:00:00 PM	489600.000	19.308	16.162	44.009	1851.001	2226.900	1.151	1514.292
540.248	1.000	14.761						
11/21/2016 2:15:00 PM	490500.000	19.314	16.162	44.023	1851.713	2227.774	1.151	1514.887
540.041	1.000	14.756						
11/21/2016 2:30:00 PM	491400.000	19.309	16.162	44.011	1852.834	2229.118	1.152	1515.801
539.714	1.000	14.759						
11/21/2016 2:45:00 PM	492300.000	19.311	16.162	44.016	1853.902	2230.408	1.152	1516.677
539.403	1.000	14.759						
11/21/2016 3:00:00 PM	493200.000	19.306	16.163	44.004	1855.114	2231.834	1.153	1517.647
539.050	1.000	14.763						
11/21/2016 3:15:00 PM	494100.000	19.310	16.162	44.014	1858.637	2236.105	1.156	1520.551
538.029	1.000	14.760						
11/21/2016 3:30:00 PM	495000.000	19.312	16.162	44.019	1860.237	2238.047	1.157	1521.872
537.566	1.000	14.762						
11/21/2016 3:45:00 PM	495900.000	19.304	16.162	44.000	1861.268	2239.265	1.157	1522.700
537.268	1.000	14.769						
11/21/2016 4:00:00 PM	496800.000	19.307	16.162	44.007	1862.201	2240.401	1.158	1523.473
536.999	1.000	14.766						
11/21/2016 4:15:00 PM	497700.000	19.308	16.162	44.009	1862.900	2241.233	1.158	1524.039
536.798	1.000	14.766						
11/21/2016 4:30:00 PM	498600.000	19.305	16.163	44.002	1863.476	2241.890	1.159	1524.485
536.632	1.000	14.771						
11/21/2016 4:45:00 PM	499500.000	19.308	16.162	44.009	1864.048	2242.609	1.159	1524.974
536.467	1.000	14.765						
11/21/2016 5:00:00 PM	500400.000	19.314	16.161	44.023	1864.603	2243.308	1.159	1525.450
536.307	1.000	14.762						
11/21/2016 5:15:00 PM	501300.000	19.307	16.162	44.007	1864.816	2243.547	1.160	1525.612
536.246	1.000	14.768						
11/21/2016 5:30:00 PM	502200.000	19.307	16.162	44.006	1865.300	2244.106	1.160	1525.993
536.107	1.000	14.775						
11/21/2016 5:45:00 PM	503100.000	19.306	16.162	44.005	1865.422	2244.268	1.160	1526.102
536.072	1.000	14.775						
11/21/2016 6:00:00 PM	504000.000	19.306	16.162	44.004	1865.479	2244.354	1.160	1526.161
536.055	1.000	14.781						
11/21/2016 6:15:00 PM	504900.000	19.310	16.162	44.014	1865.125	2243.920	1.160	1525.865
536.157	1.000	14.783						
11/21/2016 6:30:00 PM	505800.000	19.302	16.162	43.995	1864.667	2243.337	1.159	1525.469
536.289	1.000	14.787						
11/21/2016 6:45:00 PM	506700.000	19.310	16.162	44.013	1864.038	2242.611	1.159	1524.976
536.470	1.000	14.786						
11/21/2016 7:00:00 PM	507600.000	19.305	16.162	44.003	1863.462	2241.910	1.159	1524.499
536.636	1.000	14.788						
11/21/2016 7:15:00 PM	508500.000	19.315	16.163	44.026	1863.444	2241.842	1.159	1524.453
536.641	1.000	14.789						
11/21/2016 7:30:00 PM	509400.000	19.303	16.162	43.997	1863.197	2241.577	1.159	1524.273
536.712	1.000	14.791						
11/21/2016 7:45:00 PM	510300.000	19.311	16.162	44.016	1862.924	2241.244	1.158	1524.046
536.790	1.000	14.799						
11/21/2016 8:00:00 PM	511200.000	19.318	16.162	44.031	1863.071	2241.425	1.158	1524.169
536.748	1.000	14.789						
11/21/2016 8:15:00 PM	512100.000	19.307	16.163	44.006	1863.096	2241.424	1.158	1524.168

536.692	1.000	14.798						
11/21/2016 8:45:00 PM	513900.000	19.311	16.163	44.016	1863.414	2241.810	1.159	1524.431
536.650	1.000	14.807						
11/21/2016 9:00:00 PM	514800.000	19.314	16.162	44.024	1863.396	2241.821	1.159	1524.438
536.655	1.000	14.805						
11/21/2016 9:15:00 PM	515700.000	19.307	16.163	44.007	1863.651	2242.105	1.159	1524.631
536.581	1.000	14.804						
11/21/2016 9:30:00 PM	516600.000	19.311	16.162	44.015	1863.681	2242.159	1.159	1524.669
536.572	1.000	14.810						
11/21/2016 9:45:00 PM	517500.000	19.307	16.162	44.006	1862.235	2240.410	1.158	1523.479
536.989	1.000	14.810						
11/21/2016 10:00:00 PM	518400.000	19.308	16.163	44.008	1859.162	2236.708	1.156	1520.962
537.877	1.000	14.809						
11/21/2016 10:15:00 PM	519300.000	19.301	16.162	43.992	1854.773	2231.438	1.153	1517.378
539.150	1.000	14.817						
11/21/2016 10:30:00 PM	520200.000	19.314	16.163	44.023	1854.085	2230.600	1.153	1516.808
539.350	1.000	14.809						
11/21/2016 10:45:00 PM	521100.000	19.305	16.162	44.002	1853.643	2230.105	1.152	1516.472
539.478	1.000	14.818						
11/21/2016 11:00:00 PM	522000.000	19.312	16.162	44.018	1856.980	2234.115	1.154	1519.198
538.509	1.000	14.812						
11/21/2016 11:15:00 PM	522900.000	19.312	16.163	44.019	1856.220	2233.169	1.154	1518.555
538.729	1.000	14.811						
11/21/2016 11:30:00 PM	523800.000	19.319	16.162	44.034	1853.026	2229.332	1.152	1515.946
538.658	1.000	14.814						
11/21/2016 11:45:00 PM	524700.000	19.311	16.162	44.017	1850.393	2226.195	1.150	1513.812
540.426	1.000	14.809						
11/22/2016 12:00:00 AM	525600.000	19.313	16.162	44.019	1848.399	2223.791	1.149	1512.178
541.005	1.000	14.809						
11/22/2016 12:15:00 AM	526500.000	19.312	16.162	44.017	1848.081	2223.417	1.149	1511.924
541.102	1.000	14.815						
11/22/2016 12:30:00 AM	527400.000	19.302	16.162	43.995	1842.211	2216.334	1.145	1507.107
542.826	1.000	14.819						
11/22/2016 12:45:00 AM	528300.000	19.306	16.162	44.004	1839.712	2213.341	1.143	1505.072
543.563	1.000	14.815						
11/22/2016 1:00:00 AM	529200.000	19.307	16.162	44.007	1840.266	2213.988	1.144	1505.512
543.400	1.000	14.812						
11/22/2016 1:15:00 AM	530100.000	19.310	16.162	44.013	1841.674	2215.692	1.144	1506.671
542.984	1.000	14.810						
11/22/2016 1:30:00 AM	531000.000	19.319	16.162	44.035	1841.069	2214.969	1.144	1506.179
543.163	1.000	14.800						
11/22/2016 1:45:00 AM	531900.000	19.318	16.162	44.031	1845.355	2220.116	1.147	1509.679
541.901	1.000	14.809						
11/22/2016 2:00:00 AM	532800.000	19.301	16.161	43.994	1851.224	2227.222	1.151	1514.511
540.183	1.000	14.819						
11/22/2016 2:15:00 AM	533700.000	19.305	16.162	44.003	1850.741	2226.591	1.150	1514.082
540.324	1.000	14.816						
11/22/2016 2:30:00 AM	534600.000	19.311	16.162	44.016	1851.600	2227.656	1.151	1514.806
540.074	1.000	14.808						
11/22/2016 2:45:00 AM	535500.000	19.304	16.162	44.000	1851.940	2228.061	1.151	1515.081
539.974	1.000	14.817						
11/22/2016 3:00:00 AM	536400.000	19.309	16.163	44.012	1852.426	2228.604	1.151	1515.451
539.833	1.000	14.817						
11/22/2016 3:15:00 AM	537300.000	19.316	16.162	44.026	1852.850	2229.160	1.152	1515.829
539.709	1.000	14.809						
11/22/2016 3:30:00 AM	538200.000	19.313	16.161	44.021	1857.019	2234.184	1.154	1519.245
538.498	1.000	14.810						
11/22/2016 3:45:00 AM	539100.000	19.309	16.162	44.012	1859.291	2236.905	1.156	1521.095
537.839	1.000	14.812						
11/22/2016 4:00:00 AM	540000.000	19.305	16.162	44.002	1859.769	2237.475	1.156	1521.483
537.701	1.000	14.814						
11/22/2016 4:15:00 AM	540900.000	19.313	16.162	44.019	1858.939	2236.477	1.156	1520.804
537.941	1.000	14.814						
11/22/2016 4:30:00 AM	541800.000	19.320	16.161	44.035	1858.608	2236.096	1.156	1520.545
538.037	1.000	14.813						
11/22/2016 4:45:00 AM	542700.000	19.309	16.162	44.011	1858.117	2235.484	1.155	1520.129
538.179	1.000	14.814						
11/22/2016 5:00:00 AM	543600.000	19.320	16.161	44.036	1857.804	2235.134	1.155	1519.891
538.270	1.000	14.814						
11/22/2016 5:15:00 AM	544500.000	19.311	16.162	44.016	1858.326	2235.744	1.155	1520.306
538.119	1.000	14.820						
11/22/2016 5:30:00 AM	545400.000	19.318	16.162	44.031	1858.087	2235.452	1.155	1520.108
538.188	1.000	14.815						
11/22/2016 5:45:00 AM	546300.000	19.312	16.162	44.018	1856.920	2234.047	1.154	1519.152
538.526	1.000	14.817						
11/22/2016 6:00:00 AM	547200.000	19.309	16.162	44.011	1856.974	2234.122	1.154	1519.203
538.510	1.000	14.822						
11/22/2016 6:15:00 AM	548100.000	19.315	16.162	44.025	1857.330	2234.523	1.155	1519.476
538.407	1.000	14.816						
11/22/2016 6:30:00 AM	549000.000	19.310	16.161	44.014	1857.651	2234.950	1.155	1519.766
538.314	1.000	14.824						
11/22/2016 6:45:00 AM	549900.000	19.317	16.162	44.029	1857.126	2234.278	1.155	1519.309
538.466	1.000	14.818						
11/22/2016 7:00:00 AM	550800.000	19.314	16.161	44.022	1855.565	2232.454	1.154	1518.069
538.919	1.000	14.822						
11/22/2016 7:15:00 AM	551700.000	19.317	16.162	44.030	1852.541	2228.788	1.152	1515.576
538.789	1.000	14.826						
11/22/2016 7:30:00 AM	552600.000	19.308	16.162	44.009	1848.424	2223.830	1.149	1512.205
541.001	1.000	14.829						
11/22/2016 7:45:00 AM	553500.000	19.313	16.162	44.021	1843.825	2218.279	1.146	1508.430
542.351	1.000	14.830						
11/22/2016 8:00:00 AM	554400.000	19.310	16.162	44.013	1839.148	2212.670	1.143	1504.616
543.730	1.000	14.830						
11/22/2016 8:15:00 AM	555300.000	19.316	16.162	44.027	1835.610	2208.392	1.140	1501.707
544.778	1.000	14.829						
11/22/2016 8:30:00 AM	556200.000	19.311	16.162	44.015	1833.771	2206.184	1.139	1500.205
545.324	1.000	14.834						
11/22/2016 8:45:00 AM	557100.000	19.317	16.162	44.029	1832.927	2205.190	1.139	1499.530
545.576	1.000	14.837						
11/22/2016 9:00:00 AM	558000.000	19.309	16.161	44.011	1832.304	2204.455	1.138	1499.029
545.761	1.000	14.836						
11/22/2016 9:15:00 AM	558900.000	19.312	16.162	44.017	1831.840	2203.848	1.138	1498.617
545.899	1.000	14.838						
11/22/2016 9:30:00 AM	559800.000	19.315	16.162	44.025	1831.568	2203.538	1.138	1498.406
545.980	1.000	14.829						
11/22/2016 9:45:00 AM	560700.000	19.321	16.162	44.038	1832.401	2204.558	1.138	1499.100
545.732	1.000	14.833						
11/22/2016 10:00:00 AM	561600.000	19.314	16.162	44.023	1832.716	2204.906	1.139	1499.336
545.638	1.000	14.838						
11/22/2016 10:15:00 AM	562500.000	19.309	16.162	44.011	1833.509	2205.865	1.139	1499.988
545.402	1.000	14.836						
11/22/2016 10:30:00 AM	563400.000	19.309	16.162	44.012	1834.830	2207.454	1.140	1501.069
545.010	1.000	14.835						
11/22/2016 10:45:00 AM	564300.000	19.311	16.162	44.016	1836.873	2209.943	1.141	1502.761
544.403	1.000	14.830						
11/22/2016 11:00:00 AM	565200.000	19.316	16.163	44.027	1839.224	2212.721	1.143	1504.651
543.708	1.000	14.826						
11/22/2016 11:15:00 AM	566100.000	19.312	16.161	44.017	1842.063	2216.204	1.145	1507.019
542.870	1.000	14.829						
11/22/2016 11:30:00 AM	567000.000	19.316	16.161	44.028	1845.389	2220.202	1.147	1509.737
541.891	1.000	14.818						
11/22/2016 11:45:00 AM	567900.000	19.315	16.162	44.025	1849.894	2225.581	1.150	1513.395
540.572	1.000	14.817						
11/22/2016 12:00:00 PM	568800.000	19.320	16.162	44.037	1855.688	2232.570	1.154	1518.147
538.884	1.000	14.814						
11/22/2016 12:15:00 PM	569700.000	19.316	16.161	44.028	1861.785	2239.919	1.158	1523.145
537.119	1.000	14.807						
11/22/2016 12:30:00 PM	570600.000	19.317	16.162	44.028	1866.966	2246.125	1.161	1527.365
535.628	1.000	14.810						
11/22/2016 12:45:00 PM	571500.000	19.319	16.162	44.035	1870.462	2250.348	1.163	1530.237
534.627	1.000	14.811						
11/22/2016 1:00:00 PM	572400.000	19.315</						

11/22/2016 1:15:00 PM	573300.000	19.317	16.161	44.030	1879.986	2261.849	1.170	1538.057
531.919	1.000	14.808						
11/22/2016 1:30:00 PM	574200.000	19.319	16.162	44.034	1887.348	2270.664	1.174	1544.052
529.844	1.000	14.807						
11/22/2016 1:45:00 PM	575100.000	19.322	16.162	44.040	1894.129	2278.827	1.179	1549.602
527.847	1.000	14.802						
11/22/2016 2:00:00 PM	576000.000	19.321	16.161	44.037	1901.329	2287.499	1.183	1555.499
525.948	1.000	14.800						
11/22/2016 2:15:00 PM	576900.000	19.321	16.161	44.039	1910.598	2298.660	1.190	1563.089
523.396	1.000	14.803						
11/22/2016 2:30:00 PM	577800.000	19.315	16.162	44.025	1916.152	2305.304	1.193	1567.607
521.879	1.000	14.809						
11/22/2016 2:45:00 PM	578700.000	19.314	16.162	44.023	1920.569	2310.633	1.196	1571.230
520.679	1.000	14.808						
11/22/2016 3:00:00 PM	579600.000	19.318	16.162	44.031	1924.097	2314.877	1.198	1574.117
519.724	1.000	14.801						
11/22/2016 3:15:00 PM	580500.000	19.313	16.161	44.019	1927.951	2319.538	1.201	1577.286
518.685	1.000	14.809						
11/22/2016 3:30:00 PM	581400.000	19.310	16.161	44.013	1930.067	2322.078	1.202	1579.013
518.117	1.000	14.811						
11/22/2016 3:45:00 PM	582300.000	19.319	16.162	44.034	1931.595	2323.893	1.203	1580.247
517.707	1.000	14.805						
11/22/2016 4:00:00 PM	583200.000	19.317	16.162	44.029	1932.810	2325.355	1.204	1581.241
517.381	1.000	14.807						
11/22/2016 4:15:00 PM	584100.000	19.318	16.162	44.032	1933.723	2326.458	1.205	1581.991
517.137	1.000	14.809						
11/22/2016 4:30:00 PM	585000.000	19.315	16.162	44.024	1934.545	2327.433	1.205	1582.654
516.917	1.000	14.809						
11/22/2016 4:45:00 PM	585900.000	19.308	16.161	44.009	1935.229	2328.308	1.206	1583.250
516.735	1.000	14.813						
11/22/2016 5:00:00 PM	586800.000	19.313	16.162	44.021	1936.088	2329.303	1.206	1583.926
516.506	1.000	14.809						
11/22/2016 5:15:00 PM	587700.000	19.318	16.162	44.031	1936.907	2330.294	1.207	1584.600
516.287	1.000	14.812						
11/22/2016 5:30:00 PM	588600.000	19.317	16.162	44.029	1937.608	2331.123	1.207	1585.164
516.100	1.000	14.809						
11/22/2016 5:45:00 PM	589500.000	19.319	16.162	44.033	1938.198	2331.841	1.208	1585.652
515.943	1.000	14.811						
11/22/2016 6:00:00 PM	590400.000	19.313	16.161	44.021	1938.890	2332.698	1.208	1586.235
515.759	1.000	14.814						
11/22/2016 6:15:00 PM	591300.000	19.316	16.160	44.027	1939.317	2333.260	1.208	1586.616
515.645	1.000	14.813						
11/22/2016 6:30:00 PM	592200.000	19.313	16.162	44.021	1939.739	2333.686	1.209	1586.906
515.533	1.000	14.814						
11/22/2016 6:45:00 PM	593100.000	19.321	16.161	44.038	1940.345	2334.439	1.209	1587.419
515.372	1.000	14.807						
11/22/2016 7:00:00 PM	594000.000	19.318	16.162	44.031	1940.725	2334.864	1.209	1587.708
515.271	1.000	14.809						
11/22/2016 7:15:00 PM	594900.000	19.324	16.162	44.046	1940.838	2335.004	1.209	1587.803
515.241	1.000	14.813						
11/22/2016 7:30:00 PM	595800.000	19.312	16.162	44.018	1941.490	2335.808	1.210	1588.349
515.068	1.000	14.816						
11/22/2016 7:45:00 PM	596700.000	19.323	16.162	44.043	1941.717	2336.052	1.210	1588.515
515.008	1.000	14.810						
11/22/2016 8:00:00 PM	597600.000	19.319	16.162	44.033	1941.993	2336.408	1.210	1588.757
514.935	1.000	14.814						
11/22/2016 8:15:00 PM	598500.000	19.317	16.162	44.030	1942.404	2336.893	1.210	1589.087
514.826	1.000	14.814						
11/22/2016 8:30:00 PM	599400.000	19.322	16.161	44.041	1942.685	2337.259	1.211	1589.336
514.752	1.000	14.808						
11/22/2016 8:45:00 PM	600300.000	19.314	16.162	44.023	1942.905	2337.500	1.211	1589.500
514.693	1.000	14.813						
11/22/2016 9:00:00 PM	601200.000	19.320	16.162	44.037	1942.729	2337.298	1.211	1589.363
514.740	1.000	14.807						
11/22/2016 9:15:00 PM	602100.000	19.316	16.162	44.027	1943.306	2337.969	1.211	1589.819
514.587	1.000	14.812						
11/22/2016 9:30:00 PM	603000.000	19.318	16.162	44.033	1943.719	2338.460	1.211	1590.153
514.478	1.000	14.809						
11/22/2016 9:45:00 PM	603900.000	19.320	16.162	44.037	1943.998	2338.825	1.211	1590.401
514.404	1.000	14.807						
11/22/2016 10:00:00 PM	604800.000	19.322	16.162	44.040	1944.564	2339.496	1.212	1590.857
514.254	1.000	14.809						
11/22/2016 10:15:00 PM	605700.000	19.309	16.162	44.011	1945.169	2340.220	1.212	1591.350
514.094	1.000	14.815						
11/22/2016 10:30:00 PM	606600.000	19.320	16.161	44.036	1945.361	2340.492	1.212	1591.535
514.043	1.000	14.811						
11/22/2016 10:45:00 PM	607500.000	19.318	16.162	44.032	1945.807	2340.991	1.213	1591.874
513.926	1.000	14.814						
11/22/2016 11:00:00 PM	608400.000	19.322	16.162	44.041	1946.378	2341.670	1.213	1592.336
513.775	1.000	14.816						
11/22/2016 11:15:00 PM	609300.000	19.315	16.162	44.025	1946.591	2341.934	1.213	1592.515
513.719	1.000	14.814						
11/22/2016 11:30:00 PM	610200.000	19.325	16.162	44.047	1946.957	2342.371	1.213	1592.812
513.622	1.000	14.810						
11/22/2016 11:45:00 PM	611100.000	19.324	16.162	44.046	1947.196	2342.672	1.214	1593.017
513.559	1.000	14.807						
11/23/2016 12:00:00 AM	612000.000	19.319	16.162	44.034	1947.647	2343.200	1.214	1593.376
513.440	1.000	14.808						
11/23/2016 12:15:00 AM	612900.000	19.312	16.162	44.018	1947.641	2343.178	1.214	1593.361
513.442	1.000	14.818						
11/23/2016 12:30:00 AM	613800.000	19.315	16.162	44.024	1947.909	2343.521	1.214	1593.594
513.371	1.000	14.812						
11/23/2016 12:45:00 AM	614700.000	19.323	16.162	44.043	1948.405	2344.098	1.214	1593.987
513.240	1.000	14.805						
11/23/2016 1:00:00 AM	615600.000	19.323	16.162	44.043	1948.775	2344.563	1.215	1594.303
513.143	1.000	14.801						
11/23/2016 1:15:00 AM	616500.000	19.319	16.162	44.033	1949.357	2345.267	1.215	1594.782
512.990	1.000	14.804						
11/23/2016 1:30:00 AM	617400.000	19.332	16.162	44.063	1949.789	2345.782	1.215	1595.132
512.876	1.000	14.803						
11/23/2016 1:45:00 AM	618300.000	19.314	16.162	44.023	1950.270	2346.352	1.216	1595.519
512.750	1.000	14.810						
11/23/2016 2:00:00 AM	619200.000	19.317	16.162	44.029	1951.010	2347.255	1.216	1596.134
512.555	1.000	14.809						
11/23/2016 2:15:00 AM	620100.000	19.320	16.161	44.036	1951.350	2347.684	1.216	1596.425
512.466	1.000	14.818						
11/23/2016 2:30:00 AM	621000.000	19.319	16.162	44.035	1952.058	2348.517	1.217	1596.992
512.280	1.000	14.818						
11/23/2016 2:45:00 AM	621900.000	19.322	16.162	44.041	1952.543	2349.087	1.217	1597.379
512.153	1.000	14.812						
11/23/2016 3:00:00 AM	622800.000	19.323	16.162	44.044	1952.997	2349.632	1.217	1597.750
512.034	1.000	14.814						
11/23/2016 3:15:00 AM	623700.000	19.329	16.162	44.056	1953.788	2350.575	1.218	1598.391
511.826	1.000	14.814						
11/23/2016 3:30:00 AM	624600.000	19.313	16.162	44.021	1954.209	2351.067	1.218	1598.726
511.716	1.000	14.827						
11/23/2016 3:45:00 AM	625500.000	19.318	16.162	44.031	1954.671	2351.651	1.218	1599.123
511.595	1.000	14.831						
11/23/2016 4:00:00 AM	626400.000	19.312	16.162	44.018	1955.327	2352.431	1.219	1599.653
511.423	1.000	14.837						
11/23/2016 4:15:00 AM	627300.000	19.316	16.161	44.026	1955.679	2352.892	1.219	1599.967
511.331	1.000	14.839						
11/23/2016 4:30:00 AM	628200.000	19.314	16.162	44.023	1956.522	2353.873	1.220	1600.634
511.111	1.000	14.846						
11/23/2016 4:45:00 AM	629100.000	19.317	16.161	44.030	1957.321	2354.873	1.220	1601.314
510.902	1.000	14.845						
11/23/2016 5:00:00 AM	630000.000	19.317	16.162	44.030	1958.035	2355.703	1.221	1601.878
510.716	1.000	14.842						
11/23/2016 5:15:00 AM	630900.000	19.314	16.161	44.022	1958.831	2356.679	1.221	1602.542
510.509	1.000	14.852						
11/23/2016 5:30:00 AM	631800.000	19.317	16.162	44.029	1959.288	2357.191	1.221	1602.890
510.390	1.000	14.851						
11/23/2016 5:45:00 AM	632700.000	19.319	16.162	44.03				

510.353	1.000	14.853					
11/23/2016 6:00:00 AM	633600.000	19.313	16.162	44.019	1959.907	2357.942	1.222
510.228	1.000	14.863					
11/23/2016 6:15:00 AM	634500.000	19.313	16.162	44.021	1959.988	2358.053	1.222
510.207	1.000	14.859					
11/23/2016 6:30:00 AM	635400.000	19.325	16.162	44.047	1960.112	2358.183	1.222
510.175	1.000	14.853					
11/23/2016 6:45:00 AM	636300.000	19.314	16.162	44.023	1960.271	2358.365	1.222
510.134	1.000	14.865					
11/23/2016 7:00:00 AM	637200.000	19.312	16.162	44.019	1960.381	2358.492	1.222
510.105	1.000	14.866					
11/23/2016 7:15:00 AM	638100.000	19.315	16.162	44.024	1960.436	2358.596	1.222
510.091	1.000	14.867					
11/23/2016 7:30:00 AM	639000.000	19.319	16.162	44.034	1960.623	2358.807	1.222
510.042	1.000	14.872					
11/23/2016 7:45:00 AM	639900.000	19.315	16.162	44.025	1960.573	2358.743	1.222
510.055	1.000	14.872					
11/23/2016 8:00:00 AM	640800.000	19.311	16.162	44.016	1960.570	2358.744	1.222
510.056	1.000	14.877					
11/23/2016 8:15:00 AM	641700.000	19.311	16.162	44.017	1960.432	2358.553	1.222
510.092	1.000	14.884					
11/23/2016 8:30:00 AM	642600.000	19.320	16.162	44.036	1960.436	2358.601	1.222
510.091	1.000	14.878					
11/23/2016 8:45:00 AM	643500.000	19.310	16.162	44.013	1960.076	2358.145	1.222
510.184	1.000	14.886					
11/23/2016 9:00:00 AM	644400.000	19.315	16.163	44.026	1960.125	2358.170	1.222
510.172	1.000	14.887					
11/23/2016 9:15:00 AM	645300.000	19.317	16.162	44.030	1959.925	2357.964	1.222
510.224	1.000	14.892					
11/23/2016 9:30:00 AM	646200.000	19.315	16.163	44.024	1959.860	2357.842	1.222
510.240	1.000	14.893					
11/23/2016 9:45:00 AM	647100.000	19.321	16.162	44.038	1959.847	2357.845	1.222
510.244	1.000	14.888					
11/23/2016 10:00:00 AM	648000.000	19.325	16.163	44.048	1959.357	2357.236	1.221
510.371	1.000	14.894					
11/23/2016 10:15:00 AM	648900.000	19.312	16.162	44.018	1958.145	2355.806	1.221
510.687	1.000	14.905					
11/23/2016 10:30:00 AM	649800.000	19.315	16.162	44.024	1956.626	2353.989	1.220
511.084	1.000	14.900					
11/23/2016 10:45:00 AM	650700.000	19.313	16.163	44.021	1954.161	2350.999	1.218
511.729	1.000	14.901					
11/23/2016 11:00:00 AM	651600.000	19.316	16.162	44.027	1952.854	2349.460	1.217
512.071	1.000	14.897					
11/23/2016 11:15:00 AM	652500.000	19.313	16.162	44.019	1952.133	2348.565	1.217
512.260	1.000	14.896					
11/23/2016 11:30:00 AM	653400.000	19.321	16.162	44.039	1953.348	2350.074	1.218
511.941	1.000	14.891					
11/23/2016 11:45:00 AM	654300.000	19.322	16.162	44.040	1954.651	2351.599	1.218
511.600	1.000	14.891					
11/23/2016 12:00:00 PM	655200.000	19.314	16.162	44.024	1955.758	2352.945	1.219
511.311	1.000	14.890					
11/23/2016 12:15:00 PM	656100.000	19.320	16.162	44.036	1956.571	2353.937	1.220
511.098	1.000	14.886					
11/23/2016 12:30:00 PM	657000.000	19.315	16.162	44.025	1958.734	2356.511	1.221
510.534	1.000	14.883					
11/23/2016 12:45:00 PM	657900.000	19.323	16.162	44.042	1960.008	2358.043	1.222
510.202	1.000	14.878					
11/23/2016 1:00:00 PM	658800.000	19.329	16.162	44.057	1961.448	2359.799	1.223
509.828	1.000	14.873					
11/23/2016 1:15:00 PM	659700.000	19.320	16.162	44.036	1964.639	2363.648	1.225
508.999	1.000	14.876					
11/23/2016 1:30:00 PM	660600.000	19.322	16.162	44.041	1966.891	2366.338	1.226
508.417	1.000	14.871					
11/23/2016 1:45:00 PM	661500.000	19.320	16.162	44.037	1969.066	2368.940	1.228
507.855	1.000	14.873					
11/23/2016 2:00:00 PM	662400.000	19.316	16.162	44.026	1971.777	2372.231	1.230
507.157	1.000	14.877					
11/23/2016 2:15:00 PM	663300.000	19.313	16.162	44.021	1973.722	2374.562	1.231
506.657	1.000	14.879					
11/23/2016 2:30:00 PM	664200.000	19.315	16.162	44.025	1975.673	2376.918	1.232
506.157	1.000	14.874					
11/23/2016 2:45:00 PM	665100.000	19.323	16.162	44.042	1977.448	2379.040	1.233
505.702	1.000	14.870					
11/23/2016 3:00:00 PM	666000.000	19.320	16.161	44.037	1979.146	2381.116	1.235
505.268	1.000	14.872					
11/23/2016 3:15:00 PM	666900.000	19.323	16.162	44.043	1980.225	2382.390	1.235
504.993	1.000	14.874					
11/23/2016 3:30:00 PM	667800.000	19.321	16.162	44.040	1981.819	2384.294	1.236
504.587	1.000	14.875					
11/23/2016 3:45:00 PM	668700.000	19.321	16.162	44.038	1982.966	2385.688	1.237
504.295	1.000	14.872					
11/23/2016 4:00:00 PM	669600.000	19.320	16.162	44.037	1983.842	2386.761	1.238
504.072	1.000	14.871					
11/23/2016 4:15:00 PM	670500.000	19.321	16.162	44.038	1985.112	2388.270	1.238
503.750	1.000	14.874					
11/23/2016 4:30:00 PM	671400.000	19.320	16.162	44.035	1986.067	2389.423	1.239
503.508	1.000	14.874					
11/23/2016 4:45:00 PM	672300.000	19.327	16.162	44.053	1987.116	2390.677	1.240
503.242	1.000	14.866					
11/23/2016 5:00:00 PM	673200.000	19.317	16.161	44.030	1987.991	2391.781	1.240
503.020	1.000	14.875					
11/23/2016 5:15:00 PM	674100.000	19.327	16.162	44.051	1988.748	2392.640	1.241
502.829	1.000	14.877					
11/23/2016 5:30:00 PM	675000.000	19.324	16.161	44.046	1989.677	2393.786	1.241
502.594	1.000	14.877					
11/23/2016 5:45:00 PM	675900.000	19.323	16.162	44.043	1990.376	2394.612	1.242
502.418	1.000	14.879					
11/23/2016 6:00:00 PM	676800.000	19.318	16.162	44.032	1991.045	2395.398	1.242
502.249	1.000	14.882					
11/23/2016 6:15:00 PM	677700.000	19.321	16.161	44.038	1991.519	2396.001	1.243
502.129	1.000	14.881					
11/23/2016 6:30:00 PM	678600.000	19.315	16.162	44.024	1992.361	2396.977	1.243
501.917	1.000	14.888					
11/23/2016 6:45:00 PM	679500.000	19.321	16.162	44.039	1992.836	2397.576	1.243
501.798	1.000	14.886					
11/23/2016 7:00:00 PM	680400.000	19.326	16.162	44.050	1993.469	2398.329	1.244
501.638	1.000	14.889					
11/23/2016 7:15:00 PM	681300.000	19.331	16.162	44.062	1994.171	2399.164	1.244
501.461	1.000	14.886					
11/23/2016 7:30:00 PM	682200.000	19.318	16.161	44.032	1994.686	2399.836	1.245
501.332	1.000	14.891					
11/23/2016 7:45:00 PM	683100.000	19.327	16.162	44.053	1995.399	2400.666	1.245
501.153	1.000	14.892					
11/23/2016 8:00:00 PM	684000.000	19.322	16.162	44.041	1995.926	2401.266	1.246
501.021	1.000	14.891					
11/23/2016 8:15:00 PM	684900.000	19.318	16.162	44.031	1996.312	2401.731	1.246
500.924	1.000	14.896					
11/23/2016 8:30:00 PM	685800.000	19.316	16.162	44.028	1996.922	2402.478	1.246
500.771	1.000	14.891					
11/23/2016 8:45:00 PM	686700.000	19.317	16.162	44.029	1997.368	2403.005	1.246
500.659	1.000	14.895					
11/23/2016 9:00:00 PM	687600.000	19.325	16.162	44.048	1997.947	2403.716	1.247
500.514	1.000	14.892					
11/23/2016 9:15:00 PM	688500.000	19.326	16.162	44.050	1998.589	2404.470	1.247
500.353	1.000	14.893					
11/23/2016 9:30:00 PM	689400.000	19.325	16.162	44.047	1999.155	2405.151	1.248
500.211	1.000	14.898					
11/23/2016 9:45:00 PM	690300.000	19.323	16.162	44.044	1999.641	2405.749	1.248
500.090	1.000	14.899					
11/23/2016 10:00:00 PM	691200.000	19.330	16.162	44.059	1999.864	2406.022	1.248
500.034	1.000	14.896					
11/23/2016 10:15:00 PM	692100.000	19.317	16.163	44.030	2000.302	2406.505	1.248
499.925	1.000	14.903					

1603.401

1603.476

1603.564

1603.688

1603.775

1603.846

1603.989

1603.945

1603.946

1603.816

1603.849

1603.539

1603.555

1603.415

1603.332

1603.335

1602.921

1601.948

1600.713

1598.679

1597.633

1597.024

1598.051

1599.088

1600.002

1600.677

11/23/2016 10:30:00 PM	693000.000	18.323	16.162	44.044	1999.959	2406.123	1.248	1636.163
500.010	1.000	14.900						
11/23/2016 10:45:00 PM	693900.000	19.325	16.162	44.049	1999.891	2406.055	1.248	1636.117
500.027	1.000	14.900						
11/23/2016 11:00:00 PM	694800.000	19.324	16.162	44.046	1998.427	2404.284	1.247	1634.913
500.394	1.000	14.905						
11/23/2016 11:15:00 PM	695700.000	19.324	16.162	44.046	1996.342	2401.751	1.246	1633.191
500.916	1.000	14.907						
11/23/2016 11:30:00 PM	696600.000	19.326	16.162	44.050	1994.621	2399.715	1.245	1631.806
501.348	1.000	14.904						
11/23/2016 11:45:00 PM	697500.000	19.329	16.162	44.057	1992.362	2396.988	1.243	1629.952
501.917	1.000	14.906						

Report Date: 11/28/2016 8:34:24 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-9D LT Test_2016-11-24_12-13-03-710-BaroMerge.wsl
Create Date: 11/28/2016 8:32:03 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: KMKar
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: 0 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: KMKar
1/15/2016 9:46:56 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMKar
1/21/2016 8:40:05 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMKar
1/28/2016 8:53:47 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMKar 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: KMKar 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: KMKar 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: KMKar 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: KMKar 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: KMKar 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: 8/30/2016 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
11/28/2016 8:32:03 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotui_2016-11-24_16-52-35-675.wsl"

Log Data:

Record Count: 824

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

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)
SN#:	437458	SN#:	437458	SN#:	437458	SN#:	437458
SN#:	437458	SN#:	437458	SN#:	000000	SN#:	000000

Date and Time (ppm)	Elapsed Time (Seconds)	Corrected Pressure (PSI)	Corrected Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
11/17/2016 12:00:00 AM	93600.000	151.462	14.771	21.110	349.721	710.417	767.438	521.858
1407.623		0.998	14.771	21.104	349.718	709.900	766.977	521.544
11/17/2016 12:15:00 AM	94500.000	151.461	14.775					
1408.649		0.998						

11/17/2016 12:30:00 AM	95400.000	151.510	21.112	349.832	709.929	766.883	0.379	521.481
1408.591	0.998	14.775						
11/17/2016 12:45:00 AM	96300.000	151.516	21.113	349.847	709.831	766.755	0.379	521.393
1408.786	0.998	14.774						
11/17/2016 1:00:00 AM	97200.000	151.515	21.114	349.843	709.091	765.936	0.379	520.837
1410.256	0.998	14.770						
11/17/2016 1:15:00 AM	98100.000	151.527	21.103	349.872	708.633	765.617	0.378	520.619
1411.168	0.998	14.772						
11/17/2016 1:30:00 AM	99000.000	151.546	21.104	349.915	708.827	765.808	0.378	520.750
1410.781	0.998	14.769						
11/17/2016 1:45:00 AM	99900.000	151.542	21.111	349.905	708.721	765.583	0.378	520.597
1410.992	0.998	14.770						
11/17/2016 2:00:00 AM	100800.000	151.556	21.107	349.939	708.306	765.201	0.378	520.337
1411.819	0.998	14.774						
11/17/2016 2:15:00 AM	101700.000	151.560	21.098	349.946	708.772	765.848	0.378	520.777
1410.892	0.998	14.779						
11/17/2016 2:30:00 AM	102600.000	151.575	21.105	349.982	709.129	766.117	0.379	520.960
1410.180	0.998	14.774						
11/17/2016 2:45:00 AM	103500.000	151.586	21.113	350.008	709.419	766.308	0.379	521.090
1409.604	0.998	14.766						
11/17/2016 3:00:00 AM	104400.000	151.592	21.113	350.020	709.006	765.872	0.378	520.793
1410.425	0.998	14.770						
11/17/2016 3:15:00 AM	105300.000	151.557	21.121	349.941	708.884	765.599	0.378	520.607
1410.669	0.998	14.775						
11/17/2016 3:30:00 AM	106200.000	151.604	21.110	350.050	707.744	764.543	0.378	519.889
1412.941	0.998	14.776						
11/17/2016 3:45:00 AM	107100.000	151.619	21.111	350.084	707.405	764.163	0.378	519.631
1413.617	0.998	14.771						
11/17/2016 4:00:00 AM	108000.000	151.619	21.110	350.084	707.387	764.164	0.378	519.632
1413.654	0.998	14.767						
11/17/2016 4:15:00 AM	108900.000	151.593	21.110	350.022	707.282	764.057	0.378	519.559
1413.863	0.998	14.773						
11/17/2016 4:30:00 AM	109800.000	151.628	21.113	350.103	707.814	764.581	0.378	519.915
1412.801	0.998	14.777						
11/17/2016 4:45:00 AM	110700.000	151.636	21.115	350.123	707.953	764.693	0.378	519.992
1412.523	0.998	14.781						
11/17/2016 5:00:00 AM	111600.000	151.648	21.106	350.151	707.361	764.206	0.378	519.660
1413.705	0.998	14.780						
11/17/2016 5:15:00 AM	112500.000	151.652	21.108	350.159	707.315	764.115	0.378	519.598
1413.796	0.998	14.777						
11/17/2016 5:30:00 AM	113400.000	151.667	21.110	350.195	707.290	764.067	0.378	519.565
1413.847	0.998	14.780						
11/17/2016 5:45:00 AM	114300.000	151.635	21.106	350.119	707.734	764.603	0.378	519.930
1412.960	0.998	14.781						
11/17/2016 6:00:00 AM	115200.000	151.680	21.112	350.224	708.794	765.656	0.378	520.646
1410.847	0.998	14.775						
11/17/2016 6:15:00 AM	116100.000	151.692	21.107	350.252	708.144	765.022	0.378	520.215
1412.142	0.998	14.780						
11/17/2016 6:30:00 AM	117000.000	151.700	21.097	350.272	707.928	764.949	0.378	520.166
1412.573	0.998	14.781						
11/17/2016 6:45:00 AM	117900.000	151.659	21.112	350.176	707.951	764.739	0.378	520.023
1412.528	0.998	14.786						
11/17/2016 7:00:00 AM	118800.000	151.701	21.112	350.272	707.727	764.495	0.378	519.856
1412.974	0.998	14.782						
11/17/2016 7:15:00 AM	119700.000	151.715	21.110	350.305	707.315	764.093	0.378	519.583
1413.797	0.998	14.790						
11/17/2016 7:30:00 AM	120600.000	151.713	21.106	350.302	707.282	764.116	0.378	519.599
1413.863	0.998	14.792						
11/17/2016 7:45:00 AM	121500.000	151.718	21.107	350.312	707.312	764.137	0.378	519.613
1413.804	0.998	14.789						
11/17/2016 8:00:00 AM	122400.000	151.722	21.104	350.321	707.181	764.034	0.378	519.543
1414.055	0.998	14.795						
11/17/2016 8:15:00 AM	123300.000	151.711	21.112	350.296	707.168	763.893	0.377	519.448
1414.091	0.998	14.805						
11/17/2016 8:30:00 AM	124200.000	151.714	21.099	350.302	706.548	763.428	0.377	519.131
1415.332	0.998	14.801						
11/17/2016 8:45:00 AM	125100.000	151.724	21.106	350.325	706.795	763.589	0.377	519.240
1414.837	0.998	14.790						
11/17/2016 9:00:00 AM	126000.000	151.715	21.109	350.305	706.799	763.544	0.377	519.210
1414.830	0.998	14.794						
11/17/2016 9:15:00 AM	126900.000	151.651	21.106	350.157	707.034	763.840	0.377	519.411
1414.359	0.998	14.803						
11/17/2016 9:30:00 AM	127800.000	151.694	21.097	350.256	706.517	763.429	0.377	519.132
1415.395	0.998	14.793						
11/17/2016 9:45:00 AM	128700.000	151.665	21.097	350.191	707.181	764.145	0.378	519.619
1414.064	0.998	14.791						
11/17/2016 10:00:00 AM	129600.000	151.640	21.104	350.132	708.963	765.966	0.379	520.857
1410.511	0.998	14.789						
11/17/2016 10:15:00 AM	130500.000	151.656	21.106	350.169	709.092	766.074	0.379	520.930
1410.254	0.998	14.788						
11/17/2016 10:30:00 AM	131400.000	151.613	21.102	350.070	708.394	765.381	0.378	520.459
1411.644	0.998	14.786						
11/17/2016 10:45:00 AM	132300.000	151.631	21.105	350.110	708.023	764.922	0.378	520.147
1412.384	0.998	14.791						
11/17/2016 11:00:00 AM	133200.000	151.616	21.109	350.076	708.237	765.104	0.378	520.271
1411.956	0.998	14.791						
11/17/2016 11:15:00 AM	134100.000	151.605	21.109	350.052	707.586	764.394	0.378	519.788
1413.255	0.998	14.788						
11/17/2016 11:30:00 AM	135000.000	151.612	21.107	350.067	707.341	764.158	0.378	519.627
1413.744	0.998	14.785						
11/17/2016 11:45:00 AM	135900.000	151.580	21.106	349.994	707.609	764.461	0.378	519.833
1413.210	0.998	14.783						
11/17/2016 12:00:00 PM	136800.000	151.565	21.107	349.958	707.489	764.328	0.378	519.743
1413.450	0.998	14.781						
11/17/2016 12:15:00 PM	137700.000	151.568	21.106	349.965	707.210	764.028	0.378	519.539
1414.007	0.998	14.770						
11/17/2016 12:30:00 PM	138600.000	151.520	21.093	349.855	707.305	764.340	0.378	519.751
1413.819	0.998	14.770						
11/17/2016 12:45:00 PM	139500.000	151.488	21.097	349.780	707.167	764.138	0.378	519.614
1414.093	0.998	14.775						
11/17/2016 1:00:00 PM	140400.000	151.525	21.098	349.867	708.241	765.281	0.378	520.391
1411.949	0.998	14.769						
11/17/2016 1:15:00 PM	141300.000	151.519	21.102	349.853	708.914	765.936	0.379	520.836
1410.608	0.998	14.759						
11/17/2016 1:30:00 PM	142200.000	151.469	21.102	349.737	708.935	765.958	0.379	520.852
1410.567	0.998	14.764						
11/17/2016 1:45:00 PM	143100.000	151.493	21.102	349.792	708.793	765.806	0.378	520.748
1410.850	0.998	14.758						
11/17/2016 2:00:00 PM	144000.000	151.445	21.107	349.682	708.896	765.836	0.378	520.768
1410.645	0.998	14.763						
11/17/2016 2:15:00 PM	144900.000	151.459	21.095	349.713	708.999	766.143	0.379	520.977
1410.440	0.998	14.763						
11/17/2016 2:30:00 PM	145800.000	151.415	21.096	349.612	710.542	767.795	0.379	522.101
1407.377	0.998	14.752						
11/17/2016 2:45:00 PM	146700.000	151.404	21.091	349.588	711.198	768.576	0.380	522.632
1406.079	0.998	14.752						
11/17/2016 3:00:00 PM	147600.000	151.389	21.097	349.553	711.599	768.920	0.380	522.866
1405.286	0.998	14.756						
11/17/2016 3:15:00 PM	148500.000	151.410	21.101	349.601	712.445	769.767	0.380	523.442
1403.618	0.998	14.749						
11/17/2016 3:30:00 PM	149400.000	151.359	21.101	349.484	712.268	769.576	0.380	523.312
1403.966	0.998	14.751						
11/17/2016 3:45:00 PM	150300.000	151.380	21.099	349.531	711.925	769.246	0.380	523.087
1404.641	0.998	14.761						
11/17/2016 4:00:00 PM	151200.000	151.341	21.090	349.443	711.898	769.357	0.380	523.163
1404.696	0.998	14.756						
11/17/2016 4:15:00 PM	152100.000	151.360	21.096	349.486	712.006	769.384	0.380	523.181
1404.482	0.998	14.750						
11/17/2016 4:30:00 PM	153000.000	151.349	21.106	349.461	712.353	769.587	0.380	523.319
1403.799	0.998	14.748						
11/17/2016 4:45:00 PM	153900.000	151.346	21.101	349.454	712.058	769.360	0.380	523.165
1404.380	0.998	14.747						
11/17/2016 5:00:00 PM	154800.000	151.320	21.097	349.393</				

1405.039	0.998	14.751						
11/17/2016 5:15:00 PM	155700.000	151.295	21.104	349.336	711.502	768.706	0.380	522.720
1405.478	0.998	14.755						
11/17/2016 5:30:00 PM	156600.000	151.292	21.107	349.328	711.593	768.762	0.380	522.758
1405.298	0.998	14.754						
11/17/2016 5:45:00 PM	157500.000	151.269	21.097	349.276	711.309	768.601	0.380	522.648
1405.859	0.998	14.754						
11/17/2016 6:00:00 PM	158400.000	151.271	21.098	349.281	711.751	769.064	0.380	522.963
1404.985	0.998	14.749						
11/17/2016 6:15:00 PM	159300.000	151.252	21.097	349.237	712.763	770.183	0.381	523.724
1402.992	0.998	14.757						
11/17/2016 6:30:00 PM	160200.000	151.234	21.099	349.194	712.709	770.093	0.381	523.663
1403.097	0.998	14.756						
11/17/2016 6:45:00 PM	161100.000	151.214	21.107	349.149	713.007	770.280	0.381	523.790
1402.511	0.998	14.760						
11/17/2016 7:00:00 PM	162000.000	151.209	21.094	349.137	712.152	769.566	0.380	523.305
1404.194	0.998	14.758						
11/17/2016 7:15:00 PM	162900.000	151.160	21.093	349.023	712.158	769.593	0.380	523.323
1404.183	0.998	14.756						
11/17/2016 7:30:00 PM	163800.000	151.185	21.091	349.083	712.352	769.835	0.381	523.488
1403.801	0.998	14.754						
11/17/2016 7:45:00 PM	164700.000	151.169	21.095	349.044	713.012	770.471	0.381	523.921
1402.501	0.998	14.763						
11/17/2016 8:00:00 PM	165600.000	151.159	21.104	349.023	712.629	769.927	0.381	523.550
1403.255	0.998	14.760						
11/17/2016 8:15:00 PM	166500.000	151.156	21.099	349.014	712.649	770.018	0.381	523.612
1403.215	0.998	14.746						
11/17/2016 8:30:00 PM	167400.000	151.144	21.099	348.987	712.069	769.388	0.380	523.184
1404.359	0.998	14.758						
11/17/2016 8:45:00 PM	168300.000	151.097	21.103	348.879	712.109	769.377	0.380	523.176
1404.279	0.998	14.755						
11/17/2016 9:00:00 PM	169200.000	151.079	21.103	348.837	712.840	770.164	0.381	523.711
1402.839	0.998	14.758						
11/17/2016 9:15:00 PM	170100.000	151.106	21.103	348.899	713.791	771.193	0.381	524.411
1400.970	0.998	14.757						
11/17/2016 9:30:00 PM	171000.000	151.103	21.104	348.892	713.587	770.955	0.381	524.249
1401.371	0.998	14.753						
11/17/2016 9:45:00 PM	171900.000	151.094	21.101	348.871	713.386	770.792	0.381	524.139
1401.766	0.998	14.752						
11/17/2016 10:00:00 PM	172800.000	151.049	21.097	348.764	713.746	771.242	0.381	524.445
1401.059	0.998	14.754						
11/17/2016 10:15:00 PM	173700.000	151.033	21.098	348.731	713.945	771.444	0.381	524.582
1400.667	0.998	14.760						
11/17/2016 10:30:00 PM	174600.000	151.079	21.097	348.836	713.732	771.223	0.381	524.432
1401.086	0.998	14.757						
11/17/2016 10:45:00 PM	175500.000	151.081	21.090	348.842	713.896	771.517	0.381	524.632
1400.764	0.998	14.754						
11/17/2016 11:00:00 PM	176400.000	151.079	21.102	348.838	714.037	771.471	0.381	524.600
1400.488	0.998	14.754						
11/17/2016 11:15:00 PM	177300.000	151.099	21.099	348.882	713.878	771.351	0.381	524.519
1400.799	0.998	14.754						
11/17/2016 11:30:00 PM	178200.000	151.102	21.088	348.890	713.593	771.222	0.381	524.431
1401.360	0.998	14.756						
11/17/2016 11:45:00 PM	179100.000	151.106	21.101	348.898	713.892	771.339	0.381	524.510
1400.772	0.998	14.753						
11/18/2016 12:00:00 AM	180000.000	151.108	21.111	348.903	714.217	771.527	0.381	524.639
1400.134	0.998	14.756						
11/18/2016 12:15:00 AM	180900.000	151.117	21.108	348.925	714.024	771.361	0.381	524.525
1400.513	0.998	14.754						
11/18/2016 12:30:00 AM	181800.000	151.140	21.115	348.977	713.582	770.772	0.381	524.125
1401.381	0.998	14.750						
11/18/2016 12:45:00 AM	182700.000	151.145	21.110	348.989	713.144	770.388	0.381	523.864
1402.241	0.998	14.750						
11/18/2016 1:00:00 AM	183600.000	151.164	21.108	349.033	712.824	770.064	0.381	523.643
1402.871	0.998	14.746						
11/18/2016 1:15:00 AM	184500.000	151.171	21.107	349.050	712.149	769.356	0.380	523.162
1404.200	0.998	14.745						
11/18/2016 1:30:00 AM	185400.000	151.181	21.112	349.072	712.258	769.395	0.380	523.188
1403.985	0.998	14.742						
11/18/2016 1:45:00 AM	186300.000	151.193	21.106	349.101	711.501	768.675	0.380	522.699
1405.480	0.998	14.747						
11/18/2016 2:00:00 AM	187200.000	151.193	21.114	349.099	711.505	768.548	0.380	522.613
1405.471	0.998	14.746						
11/18/2016 2:15:00 AM	188100.000	151.217	21.109	349.156	711.430	768.552	0.380	522.615
1405.619	0.998	14.747						
11/18/2016 2:30:00 AM	189000.000	151.236	21.109	349.199	711.199	768.293	0.380	522.439
1406.077	0.998	14.746						
11/18/2016 2:45:00 AM	189900.000	151.246	21.111	349.222	711.365	768.442	0.380	522.541
1405.748	0.998	14.740						
11/18/2016 3:00:00 AM	190800.000	151.258	21.099	349.251	710.981	768.226	0.380	522.394
1406.507	0.998	14.742						
11/18/2016 3:15:00 AM	191700.000	151.262	21.112	349.258	711.452	768.521	0.380	522.595
1405.575	0.998	14.747						
11/18/2016 3:30:00 AM	192600.000	151.226	21.118	349.176	711.302	768.265	0.380	522.420
1405.873	0.998	14.750						
11/18/2016 3:45:00 AM	193500.000	151.285	21.099	349.336	709.477	766.602	0.379	521.290
1409.489	0.998	14.740						
11/18/2016 4:00:00 AM	194400.000	151.302	21.108	349.353	710.140	767.169	0.379	521.675
1408.173	0.998	14.743						
11/18/2016 4:15:00 AM	195300.000	151.303	21.112	349.353	710.134	767.093	0.379	521.623
1408.186	0.998	14.750						
11/18/2016 4:30:00 AM	196200.000	151.319	21.116	349.391	709.228	766.050	0.379	520.914
1409.985	0.998	14.749						
11/18/2016 4:45:00 AM	197100.000	151.328	21.113	349.412	708.105	764.893	0.378	520.127
1412.220	0.998	14.747						
11/18/2016 5:00:00 AM	198000.000	151.355	21.103	349.474	707.929	764.868	0.378	520.110
1412.570	0.998	14.740						
11/18/2016 5:15:00 AM	198900.000	151.362	21.114	349.491	708.155	764.936	0.378	520.157
1412.120	0.998	14.743						
11/18/2016 5:30:00 AM	199800.000	151.371	21.108	349.510	707.812	764.650	0.378	519.962
1412.804	0.998	14.742						
11/18/2016 5:45:00 AM	200700.000	151.380	21.109	349.532	707.828	764.655	0.378	519.966
1412.774	0.998	14.740						
11/18/2016 6:00:00 AM	201600.000	151.377	21.100	349.526	707.704	764.665	0.378	519.973
1413.020	0.998	14.739						
11/18/2016 6:15:00 AM	202500.000	151.387	21.094	349.549	707.686	764.740	0.378	520.023
1413.056	0.998	14.739						
11/18/2016 6:30:00 AM	203400.000	151.419	21.098	349.621	708.692	765.760	0.378	520.717
1411.051	0.998	14.741						
11/18/2016 6:45:00 AM	204300.000	151.434	21.109	349.656	707.799	764.631	0.378	519.949
1412.830	0.998	14.740						
11/18/2016 7:00:00 AM	205200.000	151.391	21.098	349.558	707.796	764.799	0.378	520.063
1412.837	0.998	14.745						
11/18/2016 7:15:00 AM	206100.000	151.434	21.108	349.656	708.039	764.906	0.378	520.136
1412.351	0.998	14.748						
11/18/2016 7:30:00 AM	207000.000	151.442	21.102	349.675	707.848	764.788	0.378	520.056
1412.733	0.998	14.749						
11/18/2016 7:45:00 AM	207900.000	151.461	21.109	349.719	707.163	763.945	0.377	519.482
1414.101	0.998	14.748						
11/18/2016 8:00:00 AM	208800.000	151.465	21.112	349.729	706.782	763.482	0.377	519.168
1414.863	0.998	14.752						
11/18/2016 8:15:00 AM	209700.000	151.476	21.105	349.753	706.555	763.350	0.377	519.078
1415.317	0.998	14.757						
11/18/2016 8:30:00 AM	210600.000	151.483	21.110	349.769	706.846	763.586	0.377	519.238
1414.735	0.998	14.757						
11/18/2016 8:45:00 AM	211500.000	151.494	21.115	349.795	706.592	763.218	0.377	518.989
1415.245	0.998	14.758						
11/18/2016 9:00:00 AM	212400.000	151.498	21.111	349.804	706.238	762.914	0.377	518.782
1415.952	0.998	14.756						
11/18/2016 9:15:00 AM	213300.000	151.506	21.104	349.822	705.774	762.514	0.377	518.510
1416.883	0.998	14.763						
11/18/2016 9:30:00 AM	214200.000	151.518	21.101					

11/18/2016 9:45:00 AM	215100.000	151.517	21.107	349.847	704.918	761.538	0.376	517.846
1418.605	0.998	14.759						
11/18/2016 10:00:00 AM	216000.000	151.481	21.110	349.766	704.675	761.229	0.376	517.636
1419.094	0.998	14.752						
11/18/2016 10:15:00 AM	216900.000	151.508	21.110	349.827	704.578	761.123	0.376	517.564
1419.289	0.998	14.759						
11/18/2016 10:30:00 AM	217800.000	151.495	21.102	349.798	704.092	760.727	0.376	517.294
1420.270	0.998	14.750						
11/18/2016 10:45:00 AM	218700.000	151.493	21.103	349.792	704.874	761.557	0.376	517.859
1418.693	0.998	14.755						
11/18/2016 11:00:00 AM	219600.000	151.489	21.110	349.784	704.116	760.624	0.376	517.225
1420.220	0.998	14.750						
11/18/2016 11:15:00 AM	220500.000	151.479	21.102	349.760	704.254	760.899	0.376	517.412
1419.942	0.998	14.752						
11/18/2016 11:30:00 AM	221400.000	151.472	21.111	349.744	705.023	761.600	0.376	517.888
1418.393	0.998	14.741						
11/18/2016 11:45:00 AM	222300.000	151.467	21.103	349.732	705.132	761.836	0.376	518.048
1418.174	0.998	14.746						
11/18/2016 12:00:00 PM	223200.000	151.418	21.104	349.619	705.057	761.748	0.376	517.989
1418.324	0.998	14.740						
11/18/2016 12:15:00 PM	224100.000	151.448	21.104	349.689	705.063	761.746	0.376	517.987
1418.313	0.998	14.740						
11/18/2016 12:30:00 PM	225000.000	151.456	21.110	349.708	705.620	762.248	0.377	518.329
1417.194	0.998	14.732						
11/18/2016 12:45:00 PM	225900.000	151.461	21.102	349.718	705.109	761.823	0.376	518.040
1418.220	0.998	14.728						
11/18/2016 1:00:00 PM	226800.000	151.467	21.101	349.732	704.965	761.682	0.376	517.944
1418.510	0.998	14.720						
11/18/2016 1:15:00 PM	227700.000	151.475	21.105	349.751	705.255	761.933	0.376	518.114
1417.927	0.998	14.716						
11/18/2016 1:30:00 PM	228600.000	151.479	21.105	349.760	705.130	761.806	0.376	518.028
1418.177	0.998	14.715						
11/18/2016 1:45:00 PM	229500.000	151.492	21.092	349.790	705.247	762.128	0.377	518.247
1417.943	0.998	14.715						
11/18/2016 2:00:00 PM	230400.000	151.492	21.102	349.790	705.673	762.445	0.377	518.462
1417.087	0.998	14.715						
11/18/2016 2:15:00 PM	231300.000	151.499	21.112	349.806	705.845	762.460	0.377	518.473
1416.742	0.998	14.708						
11/18/2016 2:30:00 PM	232200.000	151.507	21.110	349.825	705.265	761.866	0.376	518.069
1417.906	0.998	14.702						
11/18/2016 2:45:00 PM	233100.000	151.531	21.110	349.881	704.237	760.757	0.376	517.315
1419.977	0.998	14.699						
11/18/2016 3:00:00 PM	234000.000	151.529	21.104	349.877	704.138	760.749	0.376	517.309
1420.177	0.998	14.700						
11/18/2016 3:15:00 PM	234900.000	151.541	21.111	349.902	704.016	760.507	0.376	517.145
1420.423	0.998	14.701						
11/18/2016 3:30:00 PM	235800.000	151.553	21.113	349.931	703.495	759.918	0.375	516.744
1421.475	0.998	14.698						
11/18/2016 3:45:00 PM	236700.000	151.556	21.106	349.938	703.197	759.697	0.375	516.594
1422.077	0.998	14.701						
11/18/2016 4:00:00 PM	237600.000	151.568	21.103	349.967	703.118	759.654	0.375	516.565
1422.237	0.998	14.698						
11/18/2016 4:15:00 PM	238500.000	151.569	21.106	349.969	703.447	759.967	0.375	516.777
1421.572	0.998	14.708						
11/18/2016 4:30:00 PM	239400.000	151.570	21.110	349.969	703.583	760.062	0.376	516.842
1421.297	0.998	14.710						
11/18/2016 4:45:00 PM	240300.000	151.585	21.106	350.005	703.090	759.577	0.375	516.512
1422.294	0.998	14.712						
11/18/2016 5:00:00 PM	241200.000	151.596	21.106	350.029	703.708	760.254	0.376	516.973
1421.045	0.998	14.707						
11/18/2016 5:15:00 PM	242100.000	151.606	21.102	350.055	703.754	760.358	0.376	517.044
1420.950	0.998	14.708						
11/18/2016 5:30:00 PM	243000.000	151.607	21.101	350.056	703.237	759.814	0.375	516.674
1421.996	0.998	14.714						
11/18/2016 5:45:00 PM	243900.000	151.612	21.105	350.066	703.208	759.724	0.375	516.613
1422.054	0.998	14.711						
11/18/2016 6:00:00 PM	244800.000	151.605	21.111	350.051	703.354	759.796	0.375	516.661
1421.759	0.998	14.712						
11/18/2016 6:15:00 PM	245700.000	151.610	21.104	350.063	703.208	759.736	0.375	516.621
1422.055	0.998	14.718						
11/18/2016 6:30:00 PM	246600.000	151.604	21.108	350.049	703.486	759.982	0.375	516.788
1421.492	0.998	14.720						
11/18/2016 6:45:00 PM	247500.000	151.603	21.113	350.046	703.737	760.178	0.376	516.921
1420.985	0.998	14.714						
11/18/2016 7:00:00 PM	248400.000	151.609	21.104	350.061	703.994	760.585	0.376	517.198
1420.467	0.998	14.719						
11/18/2016 7:15:00 PM	249300.000	151.606	21.114	350.054	703.827	760.260	0.376	516.977
1420.804	0.998	14.718						
11/18/2016 7:30:00 PM	250200.000	151.600	21.104	350.040	703.542	760.102	0.376	516.869
1421.379	0.998	14.716						
11/18/2016 7:45:00 PM	251100.000	151.612	21.100	350.066	703.364	759.978	0.375	516.785
1421.739	0.998	14.719						
11/18/2016 8:00:00 PM	252000.000	151.589	21.112	350.012	703.519	759.954	0.375	516.769
1421.426	0.998	14.720						
11/18/2016 8:15:00 PM	252900.000	151.597	21.106	350.033	703.537	760.073	0.376	516.850
1421.389	0.998	14.718						
11/18/2016 8:30:00 PM	253800.000	151.596	21.107	350.030	702.925	759.397	0.375	516.390
1422.628	0.998	14.723						
11/18/2016 8:45:00 PM	254700.000	151.603	21.104	350.046	702.745	759.248	0.375	516.289
1422.991	0.998	14.719						
11/18/2016 9:00:00 PM	255600.000	151.599	21.107	350.036	702.849	759.306	0.375	516.328
1422.780	0.998	14.726						
11/18/2016 9:15:00 PM	256500.000	151.599	21.107	350.036	702.578	759.014	0.375	516.129
1423.329	0.998	14.726						
11/18/2016 9:30:00 PM	257400.000	151.590	21.104	350.017	702.190	758.638	0.375	515.874
1424.115	0.998	14.726						
11/18/2016 9:45:00 PM	258300.000	151.587	21.113	350.009	702.608	758.958	0.375	516.092
1423.268	0.998	14.727						
11/18/2016 10:00:00 PM	259200.000	151.592	21.116	350.022	703.080	759.420	0.375	516.405
1422.314	0.998	14.730						
11/18/2016 10:15:00 PM	260100.000	151.591	21.104	350.019	702.344	758.809	0.375	515.990
1423.803	0.998	14.733						
11/18/2016 10:30:00 PM	261000.000	151.561	21.113	349.951	702.451	758.790	0.375	515.977
1423.586	0.998	14.726						
11/18/2016 10:45:00 PM	261900.000	151.591	21.106	350.019	702.551	759.003	0.375	516.122
1423.385	0.998	14.731						
11/18/2016 11:00:00 PM	262800.000	151.566	21.104	349.962	702.020	758.454	0.375	515.749
1424.462	0.998	14.719						
11/18/2016 11:15:00 PM	263700.000	151.603	21.100	350.047	702.231	758.757	0.375	515.954
1424.032	0.998	14.725						
11/18/2016 11:30:00 PM	264600.000	151.564	21.097	349.957	702.519	759.108	0.375	516.193
1423.450	0.998	14.731						
11/18/2016 11:45:00 PM	265500.000	151.618	21.100	350.081	702.948	759.524	0.375	516.476
1422.581	0.998	14.722						
11/19/2016 12:00:00 AM	266400.000	151.603	21.106	350.046	703.313	759.828	0.375	516.683
1421.842	0.998	14.735						
11/19/2016 12:15:00 AM	267300.000	151.606	21.110	350.053	703.091	759.529	0.375	516.480
1422.292	0.998	14.728						
11/19/2016 12:30:00 AM	268200.000	151.621	21.108	350.088	703.107	759.570	0.375	516.508
1422.258	0.998	14.725						
11/19/2016 12:45:00 AM	269100.000	151.628	21.109	350.103	702.400	758.791	0.375	515.978
1423.690	0.998	14.726						
11/19/2016 1:00:00 AM	270000.000	151.621	21.102	350.089	703.081	759.636	0.375	516.552
1422.312	0.998	14.728						
11/19/2016 1:15:00 AM	270900.000	151.635	21.096	350.121	702.667	759.287	0.375	516.315
1423.150	0.998	14.724						
11/19/2016 1:30:00 AM	271800.000	151.647	21.093	350.148	704.002	760.770	0.376	517.324
1420.450	0.998	14.722						
11/19/2016 1:45:00 AM	272700.000	151.656	21.092	350.169	703.775	760.545	0.376	517.171
1420.908	0.998	14.717						
11/19/2016 2:00:00 AM	273600.000	151.648	21.105	350.150	704.213	760.808	0.376	517.350
1420.025	0.998	14.724						
11/19/2016 2:15:00 AM	274500.000	151.652	21.					

1419.175	0.998	14.722					
11/19/2016 2:30:00 AM	275400.000	151.662	21.105	350.182	703.938	760.508	0.376
1420.581	0.998	14.718					
11/19/2016 2:45:00 AM	276300.000	151.681	21.105	350.226	703.549	760.092	0.376
1421.366	0.998	14.717					
11/19/2016 3:00:00 AM	277200.000	151.672	21.096	350.206	702.455	759.061	0.375
1423.578	0.998	14.722					
11/19/2016 3:15:00 AM	278100.000	151.678	21.104	350.221	702.243	758.706	0.375
1424.009	0.998	14.716					
11/19/2016 3:30:00 AM	279000.000	151.674	21.117	350.210	702.651	758.932	0.375
1423.181	0.998	14.724					
11/19/2016 3:45:00 AM	279900.000	151.693	21.116	350.255	701.193	757.374	0.374
1426.141	0.998	14.716					
11/19/2016 4:00:00 AM	280800.000	151.664	21.104	350.187	700.773	757.105	0.374
1426.997	0.998	14.714					
11/19/2016 4:15:00 AM	281700.000	151.699	21.111	350.269	701.244	757.510	0.374
1426.038	0.998	14.709					
11/19/2016 4:30:00 AM	282600.000	151.712	21.108	350.297	701.699	758.056	0.374
1425.113	0.998	14.713					
11/19/2016 4:45:00 AM	283500.000	151.681	21.100	350.227	701.783	758.270	0.375
1424.941	0.998	14.714					
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1424.146	0.998	14.709					
11/19/2016 5:15:00 AM	285300.000	151.725	21.102	350.329	702.173	758.652	0.375
1424.151	0.998	14.716					
11/19/2016 5:30:00 AM	286200.000	151.733	21.109	350.347	702.057	758.420	0.375
1424.386	0.998	14.711					
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1425.085	0.998	14.707					
11/19/2016 6:00:00 AM	288000.000	151.754	21.114	350.395	701.760	758.024	0.374
1424.988	0.998	14.705					
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1425.820	0.998	14.706					
11/19/2016 6:30:00 AM	289800.000	151.742	21.097	350.368	701.231	757.720	0.374
1426.063	0.998	14.704					
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1425.854	0.998	14.708					
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1426.050	0.998	14.706					
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1426.543	0.998	14.703					
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1425.683	0.998	14.710					
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1425.531	0.998	14.708					
11/19/2016 8:15:00 AM	296100.000	151.788	21.101	350.475	701.081	757.493	0.374
1426.369	0.998	14.709					
11/19/2016 8:30:00 AM	297000.000	151.800	21.107	350.500	701.113	757.439	0.374
1426.304	0.998	14.705					
11/19/2016 8:45:00 AM	297900.000	151.762	21.103	350.413	700.684	757.037	0.374
1427.176	0.998	14.707					
11/19/2016 9:00:00 AM	298800.000	151.788	21.098	350.474	700.780	757.210	0.374
1426.982	0.998	14.709					
11/19/2016 9:15:00 AM	299700.000	151.737	21.108	350.356	701.797	758.162	0.375
1424.914	0.998	14.716					
11/19/2016 9:30:00 AM	300600.000	151.776	21.116	350.446	701.651	757.878	0.374
1425.211	0.998	14.714					
11/19/2016 9:45:00 AM	301500.000	151.776	21.107	350.447	700.444	756.708	0.374
1427.665	0.998	14.710					
11/19/2016 10:00:00 AM	302400.000	151.775	21.109	350.445	701.209	757.500	0.374
1426.109	0.998	14.712					
11/19/2016 10:15:00 AM	303300.000	151.784	21.100	350.465	701.041	757.472	0.374
1426.450	0.998	14.706					
11/19/2016 10:30:00 AM	304200.000	151.784	21.107	350.464	700.991	757.299	0.374
1426.552	0.998	14.710					
11/19/2016 10:45:00 AM	305100.000	151.776	21.106	350.446	701.137	757.478	0.374
1426.255	0.998	14.711					
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1426.354	0.998	14.714					
11/19/2016 11:15:00 AM	306900.000	151.780	21.107	350.456	701.157	757.488	0.374
1426.214	0.998	14.709					
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1425.614	0.998	14.709					
11/19/2016 11:45:00 AM	308700.000	151.727	21.111	350.333	700.483	756.692	0.374
1427.587	0.998	14.713					
11/19/2016 12:00:00 PM	309600.000	151.777	21.098	350.449	700.598	757.019	0.374
1427.352	0.998	14.702					
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1427.382	0.998	14.702					
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1426.826	0.998	14.704					
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1426.686	0.998	14.704					
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1424.393	0.998	14.710					
11/19/2016 1:15:00 PM	314100.000	151.785	21.097	350.467	702.004	758.556	0.375
1424.493	0.998	14.697					
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1422.271	0.998	14.699					
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1422.623	0.998	14.699					
11/19/2016 2:00:00 PM	316800.000	151.786	21.100	350.470	702.636	759.194	0.375
1423.212	0.998	14.696					
11/19/2016 2:15:00 PM	317700.000	151.784	21.109	350.464	702.625	759.028	0.375
1423.236	0.998	14.700					
11/19/2016 2:30:00 PM	318600.000	151.802	21.101	350.507	702.349	758.855	0.375
1423.794	0.998	14.698					
11/19/2016 2:45:00 PM	319500.000	151.803	21.105	350.508	702.215	758.662	0.375
1424.066	0.998	14.694					
11/19/2016 3:00:00 PM	320400.000	151.798	21.109	350.497	702.151	758.524	0.375
1424.196	0.998	14.699					
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1424.628	0.998	14.698					
11/19/2016 3:30:00 PM	322200.000	151.791	21.092	350.482	701.569	758.153	0.375
1425.376	0.998	14.699					
11/19/2016 3:45:00 PM	323100.000	151.753	21.096	350.393	702.691	759.315	0.375
1423.100	0.998	14.699					
11/19/2016 4:00:00 PM	324000.000	151.775	21.106	350.443	703.656	760.199	0.376
1421.148	0.998	14.702					
11/19/2016 4:15:00 PM	324900.000	151.764	21.100	350.419	703.877	760.535	0.376
1420.702	0.998	14.700					
11/19/2016 4:30:00 PM	325800.000	151.757	21.107	350.401	704.131	760.700	0.376
1420.191	0.998	14.696					
11/19/2016 4:45:00 PM	326700.000	151.731	21.108	350.341	702.726	759.161	0.375
1423.030	0.998	14.694					
11/19/2016 5:00:00 PM	327600.000	151.721	21.108	350.319	702.464	758.882	0.375
1423.560	0.998	14.698					
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1423.618	0.998	14.693					
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1423.799	0.998	14.696					
11/19/2016 5:45:00 PM	330300.000	151.677	21.094	350.216	703.606	760.338	0.376
1421.250	0.998	14.700					
11/19/2016 6:00:00 PM	331200.000	151.658	21.096	350.173	704.287	761.036	0.376
1419.876	0.998	14.699					
11/19/2016 6:15:00 PM	332100.000	151.649	21.101	350.154	704.978	761.706	0.376
1418.484	0.998	14.700					
11/19/2016 6:30:00 PM	333000.000	151.634	21.100	350.118	704.904	761.638	0.376
1418.634	0.998	14.697					
11/19/2016 6:45:00 PM	333900.000	151.615	21.100	350.074	704.495	761.204	0.376
1419.456	0.998	14.706					

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11/19/2016 7:15:00 PM	335700.000	151.583	21.108	350.000	706.299	763.014	0.377	518.850
1415.830	0.998	14.708						
11/19/2016 7:30:00 PM	336600.000	151.567	21.104	349.940	705.676	762.411	0.377	518.439
1417.081	0.998	14.706						
11/19/2016 7:45:00 PM	337500.000	151.566	21.092	349.961	705.586	762.503	0.377	518.502
1417.261	0.998	14.709						
11/19/2016 8:00:00 PM	338400.000	151.559	21.103	349.945	705.855	762.614	0.377	518.578
1416.721	0.998	14.711						
11/19/2016 8:15:00 PM	339300.000	151.507	21.099	349.825	705.505	762.307	0.377	518.368
1417.424	0.998	14.710						
11/19/2016 8:30:00 PM	340200.000	151.554	21.098	349.932	705.499	762.309	0.377	518.370
1417.437	0.998	14.704						
11/19/2016 8:45:00 PM	341100.000	151.509	21.105	349.830	705.864	762.603	0.377	518.570
1416.704	0.998	14.709						
11/19/2016 9:00:00 PM	342000.000	151.545	21.106	349.913	705.955	762.686	0.377	518.627
1416.521	0.998	14.708						
11/19/2016 9:15:00 PM	342900.000	151.546	21.102	349.916	705.673	762.444	0.377	518.462
1417.087	0.998	14.714						
11/19/2016 9:30:00 PM	343800.000	151.535	21.098	349.890	705.713	762.536	0.377	518.525
1417.007	0.998	14.713						
11/19/2016 9:45:00 PM	344700.000	151.546	21.098	349.915	706.394	763.283	0.377	519.032
1415.641	0.998	14.710						
11/19/2016 10:00:00 PM	345600.000	151.509	21.095	349.829	706.539	763.491	0.377	519.174
1415.350	0.998	14.711						
11/19/2016 10:15:00 PM	346500.000	151.510	21.099	349.833	707.096	764.015	0.378	519.530
1414.235	0.998	14.710						
11/19/2016 10:30:00 PM	347400.000	151.556	21.108	349.938	707.719	764.547	0.378	519.892
1412.991	0.998	14.714						
11/19/2016 10:45:00 PM	348300.000	151.555	21.105	349.936	707.443	764.298	0.378	519.723
1413.541	0.998	14.716						
11/19/2016 11:00:00 PM	349200.000	151.528	21.100	349.873	707.151	764.069	0.378	519.567
1414.126	0.998	14.711						
11/19/2016 11:15:00 PM	350100.000	151.570	21.100	349.971	706.912	763.810	0.377	519.391
1414.603	0.998	14.712						
11/19/2016 11:30:00 PM	351000.000	151.580	21.094	349.994	705.836	762.734	0.377	518.659
1416.760	0.998	14.706						
11/19/2016 11:45:00 PM	351900.000	151.576	21.107	349.984	706.625	763.389	0.377	519.105
1415.178	0.998	14.705						
11/20/2016 12:00:00 AM	352800.000	151.586	21.103	350.008	706.001	762.769	0.377	518.683
1416.429	0.998	14.708						
11/20/2016 12:15:00 AM	353700.000	151.592	21.115	350.021	706.341	762.956	0.377	518.810
1415.747	0.998	14.705						
11/20/2016 12:30:00 AM	354600.000	151.592	21.111	350.021	705.769	762.395	0.377	518.429
1416.894	0.998	14.709						
11/20/2016 12:45:00 AM	355500.000	151.613	21.111	350.069	705.200	761.790	0.376	518.017
1418.036	0.998	14.702						
11/20/2016 1:00:00 AM	356400.000	151.629	21.109	350.166	705.158	761.777	0.376	518.008
1418.123	0.998	14.701						
11/20/2016 1:15:00 AM	357300.000	151.618	21.099	350.081	704.989	761.751	0.376	517.991
1418.462	0.998	14.706						
11/20/2016 1:30:00 AM	358200.000	151.634	21.112	350.117	705.412	762.005	0.376	518.163
1417.612	0.998	14.705						
11/20/2016 1:45:00 AM	359100.000	151.636	21.108	350.123	705.124	761.750	0.376	517.990
1418.189	0.998	14.702						
11/20/2016 2:00:00 AM	360000.000	151.644	21.105	350.142	705.065	761.739	0.376	517.982
1418.308	0.998	14.708						
11/20/2016 2:15:00 AM	360900.000	151.651	21.100	350.158	704.927	761.660	0.376	517.929
1418.586	0.998	14.707						
11/20/2016 2:30:00 AM	361800.000	151.665	21.105	350.191	705.276	761.966	0.376	518.137
1417.885	0.998	14.706						
11/20/2016 2:45:00 AM	362700.000	151.675	21.109	350.213	704.796	761.375	0.376	517.735
1418.651	0.998	14.705						
11/20/2016 3:00:00 AM	363600.000	151.694	21.110	350.256	705.158	761.760	0.376	517.997
1418.123	0.998	14.704						
11/20/2016 3:15:00 AM	364500.000	151.699	21.097	350.268	704.343	761.083	0.376	517.537
1419.764	0.998	14.703						
11/20/2016 3:30:00 AM	365400.000	151.697	21.105	350.263	704.659	761.297	0.376	517.682
1419.126	0.998	14.698						
11/20/2016 3:45:00 AM	366300.000	151.715	21.116	350.305	705.460	761.983	0.376	518.148
1417.514	0.998	14.700						
11/20/2016 4:00:00 AM	367200.000	151.715	21.117	350.306	705.169	761.658	0.376	517.928
1418.101	0.998	14.697						
11/20/2016 4:15:00 AM	368100.000	151.729	21.118	350.336	704.481	760.895	0.376	517.409
1419.484	0.998	14.697						
11/20/2016 4:30:00 AM	369000.000	151.736	21.109	350.353	703.652	760.141	0.376	516.896
1421.156	0.998	14.702						
11/20/2016 4:45:00 AM	369900.000	151.756	21.109	350.401	702.619	759.032	0.375	516.142
1423.246	0.998	14.697						
11/20/2016 5:00:00 AM	370800.000	151.757	21.107	350.403	702.672	759.112	0.375	516.196
1423.139	0.998	14.698						
11/20/2016 5:15:00 AM	371700.000	151.772	21.106	350.436	702.434	758.870	0.375	516.032
1423.621	0.998	14.698						
11/20/2016 5:30:00 AM	372600.000	151.786	21.112	350.470	702.415	758.769	0.375	515.963
1423.659	0.998	14.697						
11/20/2016 5:45:00 AM	373500.000	151.781	21.098	350.457	702.455	759.016	0.375	516.131
1423.578	0.998	14.700						
11/20/2016 6:00:00 AM	374400.000	151.790	21.114	350.478	703.071	759.436	0.375	516.417
1422.331	0.998	14.700						
11/20/2016 6:15:00 AM	375300.000	151.802	21.117	350.507	703.292	759.632	0.375	516.550
1421.885	0.998	14.707						
11/20/2016 6:30:00 AM	376200.000	151.801	21.115	350.504	702.990	759.336	0.375	516.349
1422.496	0.998	14.701						
11/20/2016 6:45:00 AM	377100.000	151.817	21.112	350.541	702.136	758.456	0.375	515.750
1424.226	0.998	14.705						
11/20/2016 7:00:00 AM	378000.000	151.833	21.109	350.578	701.609	757.936	0.374	515.397
1425.295	0.998	14.703						
11/20/2016 7:15:00 AM	378900.000	151.842	21.107	350.599	701.642	758.003	0.374	515.442
1425.227	0.998	14.710						
11/20/2016 7:30:00 AM	379800.000	151.833	21.097	350.577	701.454	757.964	0.374	515.416
1425.611	0.998	14.709						
11/20/2016 7:45:00 AM	380700.000	151.853	21.099	350.623	700.592	756.992	0.374	514.754
1427.365	0.998	14.704						
11/20/2016 8:00:00 AM	381600.000	151.860	21.104	350.639	701.027	757.393	0.374	515.028
1426.479	0.998	14.702						
11/20/2016 8:15:00 AM	382500.000	151.834	21.095	350.580	701.788	758.357	0.375	515.683
1424.931	0.998	14.706						
11/20/2016 8:30:00 AM	383400.000	151.870	21.097	350.663	702.259	758.830	0.375	516.005
1423.976	0.998	14.711						
11/20/2016 8:45:00 AM	384300.000	151.888	21.104	350.704	702.866	759.379	0.375	516.378
1422.747	0.998	14.707						
11/20/2016 9:00:00 AM	385200.000	151.882	21.101	350.692	702.961	759.518	0.375	516.472
1422.554	0.998	14.713						
11/20/2016 9:15:00 AM	386100.000	151.885	21.105	350.698	703.526	760.067	0.376	516.846
1421.412	0.998	14.710						
11/20/2016 9:30:00 AM	387000.000	151.905	21.101	350.743	703.138	759.709	0.375	516.602
1422.195	0.998	14.706						
11/20/2016 9:45:00 AM	387900.000	151.909	21.097	350.754	703.001	759.633	0.375	516.550
1422.472	0.998	14.708						
11/20/2016 10:00:00 AM	388800.000	151.912	21.104	350.760	702.902	759.415	0.375	516.402
1422.673	0.998	14.711						
11/20/2016 10:15:00 AM	389700.000	151.934	21.111	350.810	702.577	758.954	0.375	516.089
1423.332	0.998	14.702						
11/20/2016 10:30:00 AM	390600.000	151.925	21.116	350.789	701.195	757.386	0.374	515.023
1426.137	0.998	14.705						
11/20/2016 10:45:00 AM	391500.000	151.941	21.110	350.827	700.269	756.478	0.374	514.405
1428.022	0.998	14.713						
11/20/2016 11:00:00 AM	392400.000	151.929	21.107	350.799	700.394	756.658	0.374	514.528
1427.767	0.998	14.710						
11/20/2016 11:15:00 AM	393300.000	151.941	21.105	350.828	699.902	756.159	0.374	514.18

1428.681	0.998	14.704					
11/20/2016 11:45:00 AM	395100.000	151.956	21.112	350.862	699.964	756.108	0.373
1428.644	0.998	14.696					
11/20/2016 12:00:00 PM	396000.000	151.961	21.118	350.874	700.105	756.172	0.374
1428.357	0.998	14.697					
11/20/2016 12:15:00 PM	396900.000	151.965	21.114	350.883	699.045	755.095	0.373
1430.524	0.998	14.700					
11/20/2016 12:30:00 PM	397800.000	151.973	21.103	350.901	699.093	755.309	0.373
1430.425	0.998	14.696					
11/20/2016 12:45:00 PM	398700.000	151.986	21.111	350.930	699.268	755.375	0.373
1430.067	0.998	14.695					
11/20/2016 1:00:00 PM	399600.000	151.991	21.110	350.942	699.278	755.406	0.373
1430.047	0.998	14.691					
11/20/2016 1:15:00 PM	400500.000	151.985	21.106	350.928	699.048	755.214	0.373
1430.517	0.998	14.697					
11/20/2016 1:30:00 PM	401400.000	151.983	21.106	350.925	698.988	755.158	0.373
1430.640	0.998	14.685					
11/20/2016 1:45:00 PM	402300.000	151.993	21.107	350.947	698.902	755.400	0.373
1430.815	0.998	14.684					
11/20/2016 2:00:00 PM	403200.000	152.008	21.113	350.982	698.839	754.890	0.373
1430.944	0.998	14.680					
11/20/2016 2:15:00 PM	404100.000	152.016	21.106	351.001	698.675	754.822	0.373
1431.280	0.998	14.676					
11/20/2016 2:30:00 PM	405000.000	152.022	21.106	351.014	699.504	755.713	0.373
1429.585	0.998	14.680					
11/20/2016 2:45:00 PM	405900.000	152.029	21.103	351.030	699.645	755.903	0.373
1429.296	0.998	14.679					
11/20/2016 3:00:00 PM	406800.000	152.030	21.104	351.033	699.515	755.751	0.373
1429.561	0.998	14.674					
11/20/2016 3:15:00 PM	407700.000	152.043	21.107	351.063	699.666	755.864	0.373
1429.254	0.998	14.683					
11/20/2016 3:30:00 PM	408600.000	152.037	21.102	351.048	699.508	755.776	0.373
1429.575	0.998	14.681					
11/20/2016 3:45:00 PM	409500.000	152.048	21.095	351.074	700.011	756.423	0.374
1428.549	0.998	14.682					
11/20/2016 4:00:00 PM	410400.000	152.045	21.098	351.067	700.675	757.093	0.374
1427.195	0.998	14.681					
11/20/2016 4:15:00 PM	411300.000	152.052	21.110	351.083	700.489	756.711	0.374
1427.573	0.998	14.680					
11/20/2016 4:30:00 PM	412200.000	152.055	21.105	351.091	698.894	755.063	0.373
1430.832	0.998	14.682					
11/20/2016 4:45:00 PM	413100.000	152.072	21.110	351.130	699.075	755.188	0.373
1430.461	0.998	14.674					
11/20/2016 5:00:00 PM	414000.000	152.075	21.110	351.137	698.906	754.997	0.373
1430.807	0.998	14.677					
11/20/2016 5:15:00 PM	414900.000	152.076	21.119	351.139	699.153	755.130	0.373
1430.303	0.998	14.678					
11/20/2016 5:30:00 PM	415800.000	152.084	21.101	351.158	698.464	754.658	0.373
1431.714	0.998	14.680					
11/20/2016 5:45:00 PM	416700.000	152.077	21.114	351.141	698.460	754.453	0.373
1431.721	0.998	14.684					
11/20/2016 6:00:00 PM	417600.000	152.090	21.110	351.170	698.499	754.557	0.373
1431.642	0.998	14.685					
11/20/2016 6:15:00 PM	418500.000	152.096	21.111	351.185	697.276	753.230	0.372
1434.152	0.998	14.689					
11/20/2016 6:30:00 PM	419400.000	152.097	21.110	351.188	697.110	753.068	0.372
1434.493	0.998	14.684					
11/20/2016 6:45:00 PM	420300.000	152.097	21.114	351.187	697.256	753.151	0.372
1434.193	0.998	14.685					
11/20/2016 7:00:00 PM	421200.000	152.101	21.113	351.197	696.878	752.760	0.372
1434.972	0.998	14.689					
11/20/2016 7:15:00 PM	422100.000	152.106	21.113	351.207	696.776	752.652	0.372
1435.181	0.998	14.689					
11/20/2016 7:30:00 PM	423000.000	152.106	21.103	351.209	697.019	753.077	0.372
1434.680	0.998	14.686					
11/20/2016 7:45:00 PM	423900.000	152.112	21.113	351.221	697.916	753.891	0.372
1432.638	0.998	14.683					
11/20/2016 8:00:00 PM	424800.000	152.107	21.114	351.211	698.493	754.490	0.373
1431.654	0.998	14.695					
11/20/2016 8:15:00 PM	425700.000	152.117	21.100	351.235	698.346	754.547	0.373
1431.955	0.998	14.691					
11/20/2016 8:30:00 PM	426600.000	152.110	21.113	351.217	698.699	754.736	0.373
1431.232	0.998	14.691					
11/20/2016 8:45:00 PM	427500.000	152.115	21.108	351.228	698.836	754.951	0.373
1430.950	0.998	14.693					
11/20/2016 9:00:00 PM	428400.000	152.115	21.105	351.228	698.402	754.536	0.373
1431.840	0.998	14.694					
11/20/2016 9:15:00 PM	429300.000	152.123	21.111	351.247	698.472	754.520	0.373
1431.697	0.998	14.693					
11/20/2016 9:30:00 PM	430200.000	152.130	21.118	351.263	698.636	754.583	0.373
1431.361	0.998	14.687					
11/20/2016 9:45:00 PM	431100.000	152.123	21.107	351.248	698.189	754.272	0.373
1432.277	0.998	14.693					
11/20/2016 10:00:00 PM	432000.000	152.117	21.101	351.234	698.486	754.685	0.373
1431.669	0.998	14.691					
11/20/2016 10:15:00 PM	432900.000	152.076	21.117	351.139	698.729	754.701	0.373
1431.171	0.998	14.696					
11/20/2016 10:30:00 PM	433800.000	152.114	21.112	351.227	698.528	754.558	0.373
1431.581	0.998	14.696					
11/20/2016 10:45:00 PM	434700.000	152.109	21.098	351.215	698.476	754.718	0.373
1431.688	0.998	14.696					
11/20/2016 11:00:00 PM	435600.000	152.110	21.109	351.217	699.052	755.174	0.373
1430.508	0.998	14.703					
11/20/2016 11:15:00 PM	436500.000	152.112	21.100	351.221	699.657	755.974	0.373
1429.271	0.998	14.708					
11/20/2016 11:30:00 PM	437400.000	152.106	21.117	351.208	699.847	755.909	0.373
1428.884	0.998	14.705					
11/20/2016 11:45:00 PM	438300.000	152.115	21.116	351.229	699.653	755.722	0.373
1429.281	0.998	14.701					
11/21/2016 12:00:00 AM	439200.000	152.118	21.115	351.235	698.948	754.970	0.373
1430.723	0.998	14.701					
11/21/2016 12:15:00 AM	440100.000	152.119	21.102	351.237	698.616	754.813	0.373
1431.401	0.998	14.701					
11/21/2016 12:30:00 AM	441000.000	152.123	21.111	351.247	699.137	755.233	0.373
1430.335	0.998	14.707					
11/21/2016 12:45:00 AM	441900.000	152.119	21.110	351.238	699.112	755.225	0.373
1430.385	0.998	14.704					
11/21/2016 1:00:00 AM	442800.000	152.135	21.112	351.274	698.746	754.804	0.373
1431.136	0.998	14.699					
11/21/2016 1:15:00 AM	443700.000	152.122	21.108	351.246	698.439	754.526	0.373
1431.764	0.998	14.707					
11/21/2016 1:30:00 AM	444600.000	152.122	21.102	351.246	699.961	756.271	0.374
1428.650	0.998	14.711					
11/21/2016 1:45:00 AM	445500.000	152.131	21.113	351.266	699.202	755.281	0.373
1430.202	0.998	14.706					
11/21/2016 2:00:00 AM	446400.000	152.133	21.109	351.271	699.121	755.250	0.373
1430.367	0.998	14.711					
11/21/2016 2:15:00 AM	447300.000	152.135	21.113	351.276	699.211	755.279	0.373
1430.183	0.998	14.706					
11/21/2016 2:30:00 AM	448200.000	152.143	21.112	351.293	699.279	755.368	0.373
1430.043	0.998	14.711					
11/21/2016 2:45:00 AM	449100.000	152.147	21.109	351.303	699.147	755.285	0.373
1430.315	0.998	14.711					
11/21/2016 3:00:00 AM	450000.000	152.129	21.106	351.260	699.558	755.766	0.373
1429.474	0.998	14.722					
11/21/2016 3:15:00 AM	450900.000	152.144	21.107	351.296	700.099	756.330	0.374
1428.370	0.998	14.710					
11/21/2016 3:30:00 AM	451800.000	152.148	21.100	351.304	700.146	756.501	0.374
1428.273	0.998	14.713					
11/21/2016 3:45:00 AM	452700.000	152.121	21.103	351.242	700.080	756.380	0.374
1428.409	0.998	14.711					
11/21/2016 4:00:00 AM	453600.000	152.156	21.108	351.324	700.567	756.820	0.374
1427.416	0.998	14.712					

11/21/2016 4:15:00 AM	454500.000	152.146	21.107	351.300	700.252	756.503	0.374	514.422
1428.057	0.998	14.721						
11/21/2016 4:30:00 AM	455400.000	152.144	21.114	351.341	700.038	756.166	0.374	514.193
1428.494	0.998	14.718						
11/21/2016 4:45:00 AM	456300.000	152.179	21.110	351.376	699.525	755.679	0.373	513.861
1429.541	0.998	14.718						
11/21/2016 5:00:00 AM	457200.000	152.135	21.111	351.276	699.478	755.601	0.373	513.809
1429.638	0.998	14.716						
11/21/2016 5:15:00 AM	458100.000	152.172	21.113	351.360	699.417	755.504	0.373	513.743
1429.762	0.998	14.725						
11/21/2016 5:30:00 AM	459000.000	152.173	21.113	351.363	698.956	755.010	0.373	513.407
1430.706	0.998	14.724						
11/21/2016 5:45:00 AM	459900.000	152.198	21.108	351.420	698.830	754.954	0.373	513.369
1430.964	0.998	14.722						
11/21/2016 6:00:00 AM	460800.000	152.199	21.092	351.424	698.726	755.087	0.373	513.459
1431.177	0.998	14.731						
11/21/2016 6:15:00 AM	461700.000	152.194	21.106	351.412	699.867	756.108	0.373	514.154
1428.842	0.998	14.730						
11/21/2016 6:30:00 AM	462600.000	152.206	21.109	351.440	699.985	756.187	0.374	514.207
1428.601	0.998	14.733						
11/21/2016 6:45:00 AM	463500.000	152.209	21.112	351.445	699.995	756.151	0.374	514.182
1428.582	0.998	14.738						
11/21/2016 7:00:00 AM	464400.000	152.213	21.113	351.454	699.728	755.840	0.373	513.971
1429.127	0.998	14.742						
11/21/2016 7:15:00 AM	465300.000	152.213	21.104	351.454	699.332	755.560	0.373	513.780
1429.936	0.998	14.746						
11/21/2016 7:30:00 AM	466200.000	152.219	21.115	351.469	699.664	755.735	0.373	513.900
1429.258	0.998	14.746						
11/21/2016 7:45:00 AM	467100.000	152.226	21.112	351.486	699.188	755.280	0.373	513.591
1430.230	0.998	14.745						
11/21/2016 8:00:00 AM	468000.000	152.220	21.107	351.472	699.089	755.240	0.373	513.563
1430.434	0.998	14.752						
11/21/2016 8:15:00 AM	468900.000	152.235	21.112	351.506	699.238	755.336	0.373	513.628
1430.128	0.998	14.755						
11/21/2016 8:30:00 AM	469800.000	152.229	21.110	351.491	699.327	755.459	0.373	513.712
1429.947	0.998	14.756						
11/21/2016 8:45:00 AM	470700.000	152.244	21.115	351.526	699.490	755.557	0.373	513.779
1429.613	0.998	14.758						
11/21/2016 9:00:00 AM	471600.000	152.247	21.110	351.534	699.709	755.874	0.373	513.994
1429.166	0.998	14.763						
11/21/2016 9:15:00 AM	472500.000	152.259	21.105	351.562	699.704	755.947	0.373	514.044
1429.175	0.998	14.756						
11/21/2016 9:30:00 AM	473400.000	152.256	21.110	351.553	699.677	755.837	0.373	513.969
1429.231	0.998	14.760						
11/21/2016 9:45:00 AM	474300.000	152.256	21.106	351.554	699.871	756.102	0.373	514.150
1428.835	0.998	14.764						
11/21/2016 10:00:00 AM	475200.000	152.272	21.102	351.591	700.088	756.401	0.374	514.353
1428.391	0.998	14.761						
11/21/2016 10:15:00 AM	476100.000	152.257	21.111	351.556	700.238	756.427	0.374	514.371
1428.087	0.998	14.764						
11/21/2016 10:30:00 AM	477000.000	152.264	21.111	351.574	700.787	757.024	0.374	514.776
1426.966	0.998	14.764						
11/21/2016 10:45:00 AM	477900.000	152.274	21.115	351.596	700.654	756.811	0.374	514.631
1427.237	0.998	14.766						
11/21/2016 11:00:00 AM	478800.000	152.261	21.105	351.566	699.853	756.099	0.373	514.147
1428.872	0.998	14.765						
11/21/2016 11:15:00 AM	479700.000	152.273	21.112	351.594	699.833	755.969	0.373	514.059
1428.913	0.998	14.764						
11/21/2016 11:30:00 AM	480600.000	152.208	21.109	351.444	699.583	755.750	0.373	513.910
1429.422	0.998	14.766						
11/21/2016 11:45:00 AM	481500.000	152.226	21.105	351.485	699.493	755.710	0.373	513.883
1429.608	0.998	14.761						
11/21/2016 12:00:00 PM	482400.000	152.254	21.106	351.550	699.809	756.042	0.373	514.109
1428.961	0.998	14.760						
11/21/2016 12:15:00 PM	483300.000	152.207	21.102	351.442	700.021	756.326	0.374	514.302
1428.529	0.998	14.759						
11/21/2016 12:30:00 PM	484200.000	152.243	21.107	351.524	699.896	756.125	0.373	514.165
1428.784	0.998	14.759						
11/21/2016 12:45:00 PM	485100.000	152.242	21.112	351.522	699.935	756.078	0.373	514.133
1428.703	0.998	14.762						
11/21/2016 1:00:00 PM	486000.000	152.241	21.109	351.521	700.174	756.391	0.374	514.346
1428.216	0.998	14.757						
11/21/2016 1:15:00 PM	486900.000	152.231	21.107	351.497	700.475	756.738	0.374	514.582
1427.602	0.998	14.758						
11/21/2016 1:30:00 PM	487800.000	152.233	21.099	351.501	700.708	757.120	0.374	514.841
1427.128	0.998	14.755						
11/21/2016 1:45:00 PM	488700.000	152.218	21.110	351.466	701.176	757.455	0.374	515.069
1426.176	0.998	14.759						
11/21/2016 2:00:00 PM	489600.000	152.230	21.106	351.494	701.093	757.433	0.374	515.054
1426.344	0.998	14.761						
11/21/2016 2:15:00 PM	490500.000	152.238	21.097	351.513	701.333	757.834	0.374	515.327
1425.855	0.998	14.756						
11/21/2016 2:30:00 PM	491400.000	152.208	21.105	351.443	702.890	759.383	0.375	516.380
1422.698	0.998	14.759						
11/21/2016 2:45:00 PM	492300.000	152.252	21.109	351.544	704.004	760.531	0.376	517.161
1420.446	0.998	14.759						
11/21/2016 3:00:00 PM	493200.000	152.245	21.113	351.529	704.397	760.891	0.376	517.406
1419.655	0.998	14.763						
11/21/2016 3:15:00 PM	494100.000	152.251	21.112	351.543	704.281	760.775	0.376	517.327
1419.887	0.998	14.760						
11/21/2016 3:30:00 PM	495000.000	152.250	21.115	351.542	704.218	760.655	0.376	517.245
1420.015	0.998	14.762						
11/21/2016 3:45:00 PM	495900.000	152.251	21.111	351.543	702.457	758.821	0.375	515.998
1423.575	0.998	14.769						
11/21/2016 4:00:00 PM	496800.000	152.265	21.112	351.575	700.980	757.203	0.374	514.898
1426.574	0.998	14.766						
11/21/2016 4:15:00 PM	497700.000	152.228	21.110	351.490	700.807	757.060	0.374	514.801
1426.927	0.998	14.766						
11/21/2016 4:30:00 PM	498600.000	152.260	21.108	351.564	701.264	757.589	0.374	515.160
1425.995	0.998	14.771						
11/21/2016 4:45:00 PM	499500.000	152.274	21.103	351.597	701.363	757.774	0.374	515.286
1425.794	0.998	14.765						
11/21/2016 5:00:00 PM	500400.000	152.277	21.105	351.603	701.555	757.937	0.374	515.397
1425.405	0.998	14.762						
11/21/2016 5:15:00 PM	501300.000	152.278	21.102	351.606	701.469	757.901	0.374	515.373
1425.581	0.998	14.768						
11/21/2016 5:30:00 PM	502200.000	152.279	21.101	351.607	702.240	758.751	0.375	515.951
1424.014	0.998	14.775						
11/21/2016 5:45:00 PM	503100.000	152.268	21.103	351.583	702.661	759.168	0.375	516.234
1423.162	0.998	14.775						
11/21/2016 6:00:00 PM	504000.000	152.273	21.112	351.593	702.776	759.151	0.375	516.223
1422.929	0.998	14.781						
11/21/2016 6:15:00 PM	504900.000	152.285	21.109	351.622	702.455	758.844	0.375	516.014
1423.579	0.998	14.783						
11/21/2016 6:30:00 PM	505800.000	152.289	21.104	351.631	702.240	758.705	0.375	515.919
1424.014	0.998	14.787						
11/21/2016 6:45:00 PM	506700.000	152.296	21.110	351.647	702.579	758.969	0.375	516.099
1423.927	0.998	14.786						
11/21/2016 7:00:00 PM	507600.000	152.280	21.111	351.610	701.946	758.269	0.375	515.623
1424.610	0.998	14.788						
11/21/2016 7:15:00 PM	508500.000	152.302	21.116	351.660	701.485	757.693	0.374	515.231
1425.548	0.998	14.789						
11/21/2016 7:30:00 PM	509400.000	152.253	21.109	351.549	700.236	756.452	0.374	514.388
1428.089	0.998	14.791						
11/21/2016 7:45:00 PM	510300.000	152.285	21.104	351.620	700.861	757.211	0.374	514.904
1426.817	0.998	14.799						
11/21/2016 8:00:00 PM	511200.000	152.306	21.108	351.671	701.726	758.088	0.374	515.500
1425.057	0.998	14.789						
11/21/2016 8:15:00 PM	512100.000	152.300	21.110	351.656	701.654	757.963	0.374	515.415
1425.203	0.998	14.799						
11/21/2016 8:30:00 PM	513000.000	152.302	21.114	351.662	701.513	757.755	0.374	515.273

1426.444	0.998	14.807						
11/21/2016 9:00:00 PM	514800.000	152.294	21.104	351.643	701.633	758.042	0.374	515.469
1425.247	0.998	14.805						
11/21/2016 9:15:00 PM	515700.000	152.303	21.106	351.664	701.592	757.959	0.374	515.413
1425.329	0.998	14.804						
11/21/2016 9:30:00 PM	516600.000	152.293	21.103	351.641	701.951	758.396	0.375	515.709
1424.601	0.998	14.810						
11/21/2016 9:45:00 PM	517500.000	152.302	21.112	351.660	702.301	758.632	0.375	515.870
1423.890	0.998	14.810						
11/21/2016 10:00:00 PM	518400.000	152.311	21.102	351.681	702.613	759.132	0.375	516.210
1423.258	0.998	14.809						
11/21/2016 10:15:00 PM	519300.000	152.289	21.106	351.630	702.265	758.688	0.375	515.908
1423.965	0.998	14.817						
11/21/2016 10:30:00 PM	520200.000	152.300	21.109	351.657	702.261	758.644	0.375	515.878
1423.971	0.998	14.809						
11/21/2016 10:45:00 PM	521100.000	152.258	21.111	351.560	702.094	758.432	0.375	515.734
1424.510	0.998	14.818						
11/21/2016 11:00:00 PM	522000.000	152.303	21.114	351.663	702.525	758.843	0.375	516.013
1423.436	0.998	14.812						
11/21/2016 11:15:00 PM	522900.000	152.306	21.106	351.670	701.683	758.064	0.374	515.484
1425.145	0.998	14.811						
11/21/2016 11:30:00 PM	523800.000	152.295	21.111	351.645	701.686	757.993	0.374	515.435
1425.139	0.998	14.814						
11/21/2016 11:45:00 PM	524700.000	152.262	21.103	351.569	701.798	758.234	0.375	515.599
1424.911	0.998	14.809						
11/22/2016 12:00:00 AM	525600.000	152.303	21.109	351.663	702.731	759.149	0.375	516.221
1423.019	0.998	14.809						
11/22/2016 12:15:00 AM	526500.000	152.296	21.103	351.648	702.116	758.583	0.375	515.836
1424.566	0.998	14.815						
11/22/2016 12:30:00 AM	527400.000	152.290	21.109	351.634	703.032	759.475	0.375	516.443
1422.411	0.998	14.819						
11/22/2016 12:45:00 AM	528300.000	152.293	21.105	351.641	703.140	759.650	0.375	516.562
1422.193	0.998	14.815						
11/22/2016 1:00:00 AM	529200.000	152.259	21.107	351.562	703.165	759.646	0.375	516.559
1422.141	0.998	14.812						
11/22/2016 1:15:00 AM	530100.000	152.294	21.118	351.641	703.303	759.628	0.375	516.547
1421.863	0.998	14.810						
11/22/2016 1:30:00 AM	531000.000	152.312	21.102	351.683	702.805	759.339	0.375	516.351
1422.871	0.998	14.800						
11/22/2016 1:45:00 AM	531900.000	152.302	21.101	351.661	702.543	759.076	0.375	516.172
1423.401	0.998	14.809						
11/22/2016 2:00:00 AM	532800.000	152.290	21.106	351.632	702.964	759.453	0.375	516.428
1422.548	0.998	14.819						
11/22/2016 2:15:00 AM	533700.000	152.295	21.114	351.645	703.040	759.400	0.375	516.392
1422.394	0.998	14.816						
11/22/2016 2:30:00 AM	534600.000	152.307	21.115	351.672	703.355	759.726	0.375	516.614
1421.757	0.998	14.808						
11/22/2016 2:45:00 AM	535500.000	152.291	21.113	351.635	702.817	759.187	0.375	516.247
1422.845	0.998	14.817						
11/22/2016 3:00:00 AM	536400.000	152.304	21.115	351.665	702.738	759.066	0.375	516.165
1423.005	0.998	14.817						
11/22/2016 3:15:00 AM	537300.000	152.307	21.112	351.672	702.139	758.468	0.375	515.758
1424.219	0.998	14.809						
11/22/2016 3:30:00 AM	538200.000	152.302	21.114	351.660	702.241	758.545	0.375	515.811
1424.013	0.998	14.810						
11/22/2016 3:45:00 AM	539100.000	152.322	21.106	351.706	702.314	758.739	0.375	515.942
1423.865	0.998	14.812						
11/22/2016 4:00:00 AM	540000.000	152.307	21.113	351.673	703.822	760.266	0.376	516.981
1420.815	0.998	14.814						
11/22/2016 4:15:00 AM	540900.000	152.279	21.101	351.608	703.757	760.391	0.376	517.066
1420.945	0.998	14.814						
11/22/2016 4:30:00 AM	541800.000	152.325	21.105	351.714	703.729	760.297	0.376	517.002
1421.002	0.998	14.813						
11/22/2016 4:45:00 AM	542700.000	152.320	21.108	351.702	703.772	760.297	0.376	517.002
1420.914	0.998	14.814						
11/22/2016 5:00:00 AM	543600.000	152.293	21.100	351.641	703.870	760.516	0.376	517.151
1420.718	0.998	14.814						
11/22/2016 5:15:00 AM	544500.000	152.342	21.103	351.753	704.098	760.718	0.376	517.289
1420.257	0.998	14.820						
11/22/2016 5:30:00 AM	545400.000	152.343	21.100	351.756	703.785	760.424	0.376	517.089
1420.888	0.998	14.815						
11/22/2016 5:45:00 AM	546300.000	152.337	21.098	351.741	704.126	760.832	0.376	517.366
1420.201	0.998	14.817						
11/22/2016 6:00:00 AM	547200.000	152.346	21.112	351.761	704.798	761.335	0.376	517.708
1418.846	0.998	14.822						
11/22/2016 6:15:00 AM	548100.000	152.353	21.110	351.778	704.788	761.349	0.376	517.717
1418.866	0.998	14.816						
11/22/2016 6:30:00 AM	549000.000	152.345	21.112	351.759	704.577	761.097	0.376	517.546
1419.292	0.998	14.824						
11/22/2016 6:45:00 AM	549900.000	152.365	21.112	351.807	704.188	760.683	0.376	517.264
1420.075	0.998	14.818						
11/22/2016 7:00:00 AM	550800.000	152.368	21.111	351.812	704.168	760.673	0.376	517.258
1420.116	0.998	14.822						
11/22/2016 7:15:00 AM	551700.000	152.371	21.112	351.821	704.091	760.577	0.376	517.192
1420.270	0.998	14.826						
11/22/2016 7:30:00 AM	552600.000	152.357	21.108	351.787	704.152	760.697	0.376	517.274
1420.148	0.998	14.829						
11/22/2016 7:45:00 AM	553500.000	152.359	21.108	351.792	704.237	760.799	0.376	517.343
1419.976	0.998	14.830						
11/22/2016 8:00:00 AM	554400.000	152.335	21.109	351.737	703.897	760.408	0.376	517.077
1420.663	0.998	14.830						
11/22/2016 8:15:00 AM	555300.000	152.375	21.099	351.830	703.582	760.224	0.376	516.953
1421.298	0.998	14.829						
11/22/2016 8:30:00 AM	556200.000	152.367	21.108	351.811	703.697	760.205	0.376	516.939
1421.065	0.998	14.834						
11/22/2016 8:45:00 AM	557100.000	152.368	21.103	351.812	703.745	760.341	0.376	517.032
1420.969	0.998	14.837						
11/22/2016 9:00:00 AM	558000.000	152.323	21.101	351.708	704.294	760.965	0.376	517.456
1419.861	0.998	14.836						
11/22/2016 9:15:00 AM	558900.000	152.348	21.107	351.768	705.632	762.311	0.377	518.371
1417.170	0.998	14.838						
11/22/2016 9:30:00 AM	559800.000	152.343	21.109	351.755	705.319	761.941	0.376	518.120
1417.799	0.998	14.829						
11/22/2016 9:45:00 AM	560700.000	152.320	21.108	351.703	706.255	762.980	0.377	518.826
1415.919	0.998	14.833						
11/22/2016 10:00:00 AM	561600.000	152.310	21.109	351.680	705.988	762.674	0.377	518.618
1416.455	0.998	14.838						
11/22/2016 10:15:00 AM	562500.000	152.254	21.109	351.551	705.639	762.290	0.377	518.357
1417.155	0.998	14.836						
11/22/2016 10:30:00 AM	563400.000	152.282	21.107	351.615	705.321	761.974	0.376	518.142
1417.794	0.998	14.835						
11/22/2016 10:45:00 AM	564300.000	152.267	21.103	351.579	705.466	762.197	0.377	518.294
1417.502	0.998	14.830						
11/22/2016 11:00:00 AM	565200.000	152.243	21.099	351.524	705.292	762.078	0.377	518.213
1417.851	0.998	14.826						
11/22/2016 11:15:00 AM	566100.000	152.196	21.094	351.416	705.747	762.643	0.377	518.597
1416.939	0.998	14.829						
11/22/2016 11:30:00 AM	567000.000	152.214	21.092	351.457	706.136	763.091	0.377	518.902
1416.157	0.998	14.818						
11/22/2016 11:45:00 AM	567900.000	152.204	21.100	351.435	707.176	764.088	0.378	519.580
1414.075	0.998	14.817						
11/22/2016 12:00:00 PM	568800.000	152.180	21.097	351.379	707.310	764.280	0.378	519.710
1413.807	0.998	14.814						
11/22/2016 12:15:00 PM	569700.000	152.130	21.109	351.264	707.695	764.519	0.378	519.873
1413.038	0.998	14.807						
11/22/2016 12:30:00 PM	570600.000	152.145	21.112	351.299	707.762	764.529	0.378	519.880
1412.905	0.998	14.810						
11/22/2016 12:45:00 PM	571500.000	152.136	21.101	351.277	707.111	764.008	0.378	519.526
1414.205	0.998	14.811						
11/22/2016 1:00:00 PM	572400.000	152.126	21.099	351.255	707.254	764.195	0.378	519.652
1413.919	0.998	14.810						
11/22/2016 1:15:00 PM	573300.000	152.11						

11/22/2016 1:30:00 PM	574200.000	152.069	21.100	351.124	708.086	765.081	0.378	520.255
1412.257	0.998	14.807						
11/22/2016 1:45:00 PM	575100.000	152.059	21.099	351.100	709.147	766.244	0.379	521.046
1410.145	0.998	14.802						
11/22/2016 2:00:00 PM	576000.000	152.103	21.111	351.201	710.357	767.354	0.379	521.801
1407.744	0.998	14.800						
11/22/2016 2:15:00 PM	576900.000	152.093	21.108	351.178	710.546	767.613	0.379	521.977
1407.369	0.998	14.803						
11/22/2016 2:30:00 PM	577800.000	152.071	21.099	351.127	708.932	766.010	0.379	520.887
1410.573	0.998	14.809						
11/22/2016 2:45:00 PM	578700.000	152.075	21.107	351.137	709.727	766.732	0.379	521.378
1408.992	0.998	14.808						
11/22/2016 3:00:00 PM	579600.000	152.081	21.102	351.149	709.588	766.661	0.379	521.330
1409.269	0.998	14.801						
11/22/2016 3:15:00 PM	580500.000	152.058	21.100	351.098	709.309	766.397	0.379	521.150
1409.822	0.998	14.809						
11/22/2016 3:30:00 PM	581400.000	152.042	21.104	351.060	709.408	766.440	0.379	521.179
1409.627	0.998	14.811						
11/22/2016 3:45:00 PM	582300.000	152.048	21.108	351.073	709.169	766.125	0.379	520.965
1410.101	0.998	14.805						
11/22/2016 4:00:00 PM	583200.000	152.015	21.101	350.997	708.234	765.219	0.378	520.349
1411.963	0.998	14.807						
11/22/2016 4:15:00 PM	584100.000	152.045	21.102	351.068	708.265	765.236	0.378	520.361
1411.900	0.998	14.809						
11/22/2016 4:30:00 PM	585000.000	152.055	21.099	351.090	710.980	768.212	0.380	522.384
1406.510	0.998	14.809						
11/22/2016 4:45:00 PM	585900.000	152.034	21.106	351.043	711.822	769.019	0.380	522.933
1404.846	0.998	14.813						
11/22/2016 5:00:00 PM	586800.000	152.049	21.100	351.077	711.223	768.473	0.380	522.562
1406.029	0.998	14.809						
11/22/2016 5:15:00 PM	587700.000	152.034	21.112	351.043	711.498	768.568	0.380	522.627
1405.485	0.998	14.812						
11/22/2016 5:30:00 PM	588600.000	152.045	21.111	351.067	711.215	768.280	0.380	522.430
1406.045	0.998	14.809						
11/22/2016 5:45:00 PM	589500.000	152.043	21.111	351.063	710.286	767.281	0.379	521.751
1407.883	0.998	14.811						
11/22/2016 6:00:00 PM	590400.000	152.034	21.109	351.043	709.463	766.422	0.379	521.167
1409.517	0.998	14.814						
11/22/2016 6:15:00 PM	591300.000	152.039	21.110	351.053	709.183	766.111	0.379	520.956
1410.074	0.998	14.813						
11/22/2016 6:30:00 PM	592200.000	152.045	21.108	351.068	709.143	766.093	0.379	520.944
1410.152	0.998	14.814						
11/22/2016 6:45:00 PM	593100.000	152.048	21.107	351.074	709.218	766.190	0.379	521.009
1410.003	0.998	14.807						
11/22/2016 7:00:00 PM	594000.000	152.050	21.111	351.078	709.351	766.267	0.379	521.062
1409.739	0.998	14.809						
11/22/2016 7:15:00 PM	594900.000	152.055	21.106	351.091	709.588	766.802	0.379	521.289
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11/22/2016 7:30:00 PM	595800.000	152.046	21.105	351.070	709.895	766.956	0.379	521.530
1408.658	0.998	14.816						
11/22/2016 7:45:00 PM	596700.000	152.064	21.111	351.112	709.879	766.833	0.379	521.446
1408.691	0.998	14.810						
11/22/2016 8:00:00 PM	597600.000	152.075	21.113	351.136	709.811	766.742	0.379	521.384
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11/22/2016 8:30:00 PM	599400.000	152.080	21.108	351.148	710.008	767.021	0.379	521.574
1408.434	0.998	14.808						
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11/22/2016 9:00:00 PM	601200.000	152.097	21.118	351.188	709.800	766.638	0.379	521.314
1408.847	0.998	14.807						
11/22/2016 9:15:00 PM	602100.000	152.091	21.110	351.173	709.456	766.392	0.379	521.147
1409.531	0.998	14.812						
11/22/2016 9:30:00 PM	603000.000	152.108	21.115	351.212	709.405	766.270	0.379	521.064
1409.632	0.998	14.809						
11/22/2016 9:45:00 PM	603900.000	152.118	21.114	351.236	708.857	765.696	0.378	520.674
1410.721	0.998	14.807						
11/22/2016 10:00:00 PM	604800.000	152.123	21.111	351.247	708.179	765.010	0.378	520.207
1412.073	0.998	14.809						
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1412.278	0.998	14.815						
11/22/2016 10:30:00 PM	606600.000	152.102	21.103	351.199	707.742	764.659	0.378	519.968
1412.943	0.998	14.811						
11/22/2016 10:45:00 PM	607500.000	152.125	21.109	351.251	707.907	764.740	0.378	520.023
1412.615	0.998	14.814						
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1411.166	0.998	14.816						
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1411.682	0.998	14.814						
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1410.690	0.998	14.810						
11/22/2016 11:45:00 PM	611100.000	152.152	21.097	351.314	708.493	765.560	0.378	520.581
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11/23/2016 12:00:00 AM	612000.000	152.157	21.096	351.326	708.710	765.813	0.378	520.753
1411.014	0.998	14.808						
11/23/2016 12:15:00 AM	612900.000	152.156	21.101	351.324	708.659	765.682	0.378	520.664
1411.116	0.998	14.818						
11/23/2016 12:30:00 AM	613800.000	152.161	21.103	351.336	708.980	765.998	0.379	520.878
1410.476	0.998	14.812						
11/23/2016 12:45:00 AM	614700.000	152.166	21.109	351.346	709.017	765.937	0.379	520.837
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11/23/2016 1:00:00 AM	615600.000	152.180	21.111	351.378	709.082	765.983	0.379	520.868
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11/23/2016 1:15:00 AM	616500.000	152.176	21.114	351.370	707.782	764.533	0.378	519.883
1412.864	0.998	14.804						
11/23/2016 1:30:00 AM	617400.000	152.172	21.118	351.361	707.512	764.175	0.378	519.639
1413.405	0.998	14.803						
11/23/2016 1:45:00 AM	618300.000	152.178	21.119	351.375	707.427	764.073	0.378	519.569
1413.573	0.998	14.810						
11/23/2016 2:00:00 AM	619200.000	152.193	21.119	351.408	706.373	762.930	0.377	518.793
1415.682	0.998	14.809						
11/23/2016 2:15:00 AM	620100.000	152.181	21.113	351.380	705.764	762.363	0.377	518.407
1416.904	0.998	14.818						
11/23/2016 2:30:00 AM	621000.000	152.193	21.113	351.410	705.724	762.321	0.377	518.378
1416.984	0.998	14.818						
11/23/2016 2:45:00 AM	621900.000	152.202	21.115	351.429	705.900	762.483	0.377	518.488
1416.631	0.998	14.812						
11/23/2016 3:00:00 AM	622800.000	152.206	21.112	351.438	706.283	762.941	0.377	518.800
1415.864	0.998	14.814						
11/23/2016 3:15:00 AM	623700.000	152.203	21.108	351.432	706.228	762.947	0.377	518.804
1415.973	0.998	14.814						
11/23/2016 3:30:00 AM	624600.000	152.216	21.108	351.463	706.563	763.297	0.377	519.042
1415.303	0.998	14.827						
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11/23/2016 6:00:00 AM	633600.000	152.257	21.110	351.				

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1414.062	0.998	14.865					
11/23/2016 7:00:00 AM	637200.000	152.272	21.106	351.592	706.897	763.704	0.377
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1414.971	0.998	14.872					
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11/23/2016 8:00:00 AM	640800.000	152.291	21.111	351.636	707.123	763.864	0.377
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1412.000	0.998	14.888					
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1413.009	0.998	14.886					
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11/23/2016 12:45:00 PM	657900.000	152.204	21.096	351.434	707.921	764.958	0.378
1412.587	0.998	14.878					
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1411.153	0.998	14.873					
11/23/2016 1:15:00 PM	659700.000	152.185	21.106	351.390	708.753	765.709	0.378
1410.929	0.998	14.876					
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1411.024	0.998	14.871					
11/23/2016 1:45:00 PM	661500.000	152.138	21.107	351.282	709.912	766.936	0.379
1408.626	0.998	14.873					
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1408.523	0.998	14.877					
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1409.145	0.998	14.874					
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1402.925	0.998	14.891					
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1402.724	0.998	14.896					
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1401.206	0.998	14.891					
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1401.136	0.998	14.895					
11/23/2016 9:00:00 PM	687600.000	151.874	21.102	350.673	713.942	771.373	0.381
1400.673	0.998	14.892					
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11/23/2016 9:30:00 PM	689400.000	151.870	21.105	350.664	713.326	770.864	0.381
1401.883	0.998	14.898					
11/23/2016 9:45:00 PM	690300.000	151.894	21.101	350.718	713.218	770.612	0.381
1402.095	0.998	14.899					
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1403.466	0.998	14.896					
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11/23/2016 11:15:00 PM	695700.000	151.919	21.105	350.776	713.365	770.700	0.381	524.076
1401.808	0.998	14.907						
11/23/2016 11:30:00 PM	696600.000	151.936	21.099	350.816	712.842	770.228	0.381	523.755
1402.835	0.998	14.904						
11/23/2016 11:45:00 PM	697500.000	151.943	21.104	350.832	712.960	770.277	0.381	523.789
1402.604	0.998	14.906						

Report Date: 11/28/2016 8:34:29 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_2016-11-24_12-15-19-676.wsl
Create Date: 11/24/2016 12:14:35 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: 824

Sensors: 1

1 - 410760: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Elapsed Time		SN#: 410760		SN#: 410760	
SN#: 410760		SN#: 410760		SN#: 410760	
SN#: 410760		SN#: 410760		SN#: 410760	
SN#: 410760		SN#: 410760		SN#: 410760	
Date and Time	Seconds	Pressure (PSI)		Temperature (C)	
Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)	
Total Dissolved Solids (ppm)		Salinity (PSU)		Resistivity (ohm-cm)	
Water Density (g/cm3)					

11/17/2016 12:00:00 AM	93600.000	69.636	
16.803	156.862	37795.961	
44811.375	30471.734	29.119	
26.458	1.021		
11/17/2016 12:15:00 AM	94500.000	69.642	
16.808	156.876	37805.727	
44818.324	30476.463	29.124	
26.451	1.021		
11/17/2016 12:30:00 AM	95400.000	69.656	
16.809	156.908	37810.891	
44822.930	30479.594	29.127	
26.447	1.021		
11/17/2016 12:45:00 AM	96300.000	69.660	
16.813	156.916	37813.867	
44822.453	30479.270	29.127	
26.445	1.021		
11/17/2016 1:00:00 AM	97200.000	69.650	
16.810	156.893	37817.266	
44830.133	30484.492	29.133	
26.443	1.021		
11/17/2016 1:15:00 AM	98100.000	69.652	
16.815	156.897	37812.230	
44818.547	30476.611	29.124	
26.446	1.021		
11/17/2016 1:30:00 AM	99000.000	69.658	
16.812	156.912	37793.363	
44799.922	30463.949	29.111	
26.460	1.021		
11/17/2016 1:45:00 AM	99900.000	69.675	
16.811	156.951	37792.031	
44799.328	30463.545	29.110	
26.461	1.021		
11/17/2016 2:00:00 AM	100800.000	69.678	
16.810	156.957	37798.449	
44807.824	30469.322	29.116	
26.456	1.021		
11/17/2016 2:15:00 AM	101700.000	69.682	
16.812	156.966	37805.164	
44814.098	30473.588	29.121	
26.451	1.021		
11/17/2016 2:30:00 AM	102600.000	69.667	
16.810	156.931	37787.922	
44794.816	30460.477	29.107	
26.463	1.021		
11/17/2016 2:45:00 AM	103500.000	69.689	
16.814	156.981	37814.914	
44822.805	30479.510	29.127	
26.445	1.021		
11/17/2016 3:00:00 AM	104400.000	69.689	
16.811	156.980	37774.313	
44778.230	30449.197	29.095	
26.473	1.021		
11/17/2016 3:15:00 AM	105300.000	69.695	
16.813	156.995	37839.922	

44853.695	30500.516	29.150
26.427	1.021	
11/17/2016 3:30:00 AM	106200.000	69.695
16.803	156.994	37809.262
44827.859	30482.947	29.130
26.449	1.021	
11/17/2016 3:45:00 AM	107100.000	69.684
16.812	156.969	37795.574
44802.543	30465.732	29.113
26.458	1.021	
11/17/2016 4:00:00 AM	108000.000	69.683
16.808	156.968	37804.688
44817.000	30475.561	29.123
26.452	1.021	
11/17/2016 4:15:00 AM	108900.000	69.702
16.811	157.010	37799.289
44807.313	30468.973	29.116
26.456	1.021	
11/17/2016 4:30:00 AM	109800.000	69.682
16.814	156.964	37828.492
44839.520	30490.875	29.140
26.435	1.021	
11/17/2016 4:45:00 AM	110700.000	69.685
16.808	156.973	37800.160
44811.805	30472.029	29.119
26.455	1.021	
11/17/2016 5:00:00 AM	111600.000	69.702
16.799	157.010	37805.902
44827.441	30482.662	29.130
26.451	1.021	
11/17/2016 5:15:00 AM	112500.000	69.702
16.804	157.010	37790.184
44803.547	30466.414	29.113
26.462	1.021	
11/17/2016 5:30:00 AM	113400.000	69.688
16.806	156.980	37822.363
44840.188	30491.330	29.140
26.439	1.021	
11/17/2016 5:45:00 AM	114300.000	69.704
16.805	157.015	37808.523
44824.398	30480.592	29.128
26.449	1.021	
11/17/2016 6:00:00 AM	115200.000	69.688
16.800	156.980	37797.109
44815.859	30474.787	29.122
26.457	1.021	
11/17/2016 6:15:00 AM	116100.000	69.687
16.811	156.977	37826.402
44839.977	30491.184	29.140
26.437	1.021	
11/17/2016 6:30:00 AM	117000.000	69.710
16.800	157.028	37811.711
44833.883	30487.043	29.135
26.447	1.021	
11/17/2016 6:45:00 AM	117900.000	69.690
16.806	156.983	37817.309
44834.102	30487.189	29.135

26.443	1.021	
11/17/2016 7:00:00 AM	118800.000	69.688
16.803	156.979	37791.617
44806.668	30468.537	29.115
26.461	1.021	
11/17/2016 7:15:00 AM	119700.000	69.704
16.804	157.015	37790.539
44804.332	30466.947	29.114
26.462	1.021	
11/17/2016 7:30:00 AM	120600.000	69.705
16.813	157.018	37790.504
44795.648	30461.043	29.108
26.462	1.021	
11/17/2016 7:45:00 AM	121500.000	69.690
16.809	156.983	37788.863
44797.809	30462.512	29.109
26.463	1.021	
11/17/2016 8:00:00 AM	122400.000	69.690
16.810	156.983	37837.078
44853.887	30500.645	29.150
26.429	1.021	
11/17/2016 8:15:00 AM	123300.000	69.709
16.803	157.026	37795.582
44810.926	30471.432	29.118
26.458	1.021	
11/17/2016 8:30:00 AM	124200.000	69.693
16.805	156.991	37829.586
44850.074	30498.053	29.147
26.434	1.021	
11/17/2016 8:45:00 AM	125100.000	69.712
16.807	157.033	37813.930
44828.574	30483.434	29.131
26.445	1.021	
11/17/2016 9:00:00 AM	126000.000	69.711
16.806	157.030	37794.500
44807.063	30468.803	29.116
26.459	1.021	
11/17/2016 9:15:00 AM	126900.000	69.721
16.808	157.053	37796.895
44808.121	30469.523	29.117
26.457	1.021	
11/17/2016 9:30:00 AM	127800.000	69.700
16.808	157.007	37820.938
44836.438	30488.779	29.137
26.440	1.021	
11/17/2016 9:45:00 AM	128700.000	69.722
16.812	157.056	37799.934
44807.352	30469.002	29.116
26.455	1.021	
11/17/2016 10:00:00 AM	129600.000	69.730
16.810	157.073	37774.348
44779.348	30449.959	29.096
26.473	1.021	
11/17/2016 10:15:00 AM	130500.000	69.730
16.812	157.073	37797.809
44804.930	30467.354	29.114
26.457	1.021	

11/17/2016 10:30:00 AM	131400.000	69.733
16.811	157.081	37819.043
44830.820	30484.961	29.133
26.442	1.021	
11/17/2016 10:45:00 AM	132300.000	69.725
16.808	157.061	37816.078
44830.414	30484.684	29.133
26.444	1.021	
11/17/2016 11:00:00 AM	133200.000	69.743
16.815	157.102	37813.789
44820.668	30478.057	29.126
26.445	1.021	
11/17/2016 11:15:00 AM	134100.000	69.751
16.808	157.121	37833.254
44851.137	30498.775	29.148
26.432	1.021	
11/17/2016 11:30:00 AM	135000.000	69.742
16.808	157.100	37805.957
44818.328	30476.465	29.124
26.451	1.021	
11/17/2016 11:45:00 AM	135900.000	69.743
16.808	157.103	37822.133
44838.133	30489.932	29.138
26.440	1.021	
11/17/2016 12:00:00 PM	136800.000	69.749
16.803	157.116	37807.063
44825.250	30481.170	29.129
26.450	1.021	
11/17/2016 12:15:00 PM	137700.000	69.767
16.806	157.156	37797.746
44810.645	30471.238	29.118
26.457	1.021	
11/17/2016 12:30:00 PM	138600.000	69.759
16.807	157.139	37813.891
44828.711	30483.523	29.131
26.445	1.021	
11/17/2016 12:45:00 PM	139500.000	69.761
16.809	157.143	37822.770
44837.012	30489.170	29.137
26.439	1.021	
11/17/2016 1:00:00 PM	140400.000	69.778
16.802	157.183	37792.324
44808.227	30469.596	29.116
26.460	1.021	
11/17/2016 1:15:00 PM	141300.000	69.774
16.804	157.172	37806.449
44823.629	30480.070	29.127
26.451	1.021	
11/17/2016 1:30:00 PM	142200.000	69.790
16.808	157.208	37805.918
44818.367	30476.492	29.124
26.451	1.021	
11/17/2016 1:45:00 PM	143100.000	69.791
16.809	157.210	37818.508
44832.496	30486.100	29.134
26.442	1.021	
11/17/2016 2:00:00 PM	144000.000	69.780

16.806	157.186	37786.930
44798.176	30462.762	29.109
26.464	1.021	
11/17/2016 2:15:00 PM	144900.000	69.783
16.807	157.192	37804.867
44818.457	30476.553	29.124
26.452	1.021	
11/17/2016 2:30:00 PM	145800.000	69.783
16.798	157.192	37803.098
44825.453	30481.311	29.128
26.453	1.021	
11/17/2016 2:45:00 PM	146700.000	69.801
16.799	157.235	37808.730
44831.508	30485.428	29.133
26.449	1.021	
11/17/2016 3:00:00 PM	147600.000	69.780
16.802	157.187	37803.238
44821.066	30478.326	29.126
26.453	1.021	
11/17/2016 3:15:00 PM	148500.000	69.801
16.805	157.234	37784.527
44795.949	30461.248	29.108
26.466	1.021	
11/17/2016 3:30:00 PM	149400.000	69.786
16.813	157.200	37821.156
44831.266	30485.264	29.134
26.440	1.021	
11/17/2016 3:45:00 PM	150300.000	69.795
16.803	157.220	37823.801
44844.910	30494.541	29.143
26.438	1.021	
11/17/2016 4:00:00 PM	151200.000	69.793
16.812	157.216	37822.625
44834.523	30487.479	29.136
26.439	1.021	
11/17/2016 4:15:00 PM	152100.000	69.796
16.801	157.222	37818.977
44840.883	30491.803	29.140
26.442	1.021	
11/17/2016 4:30:00 PM	153000.000	69.770
16.796	157.164	37811.902
44837.406	30489.439	29.137
26.447	1.021	
11/17/2016 4:45:00 PM	153900.000	69.769
16.799	157.161	37796.523
44816.141	30474.977	29.122
26.457	1.021	
11/17/2016 5:00:00 PM	154800.000	69.762
16.802	157.146	37789.168
44805.191	30467.533	29.114
26.463	1.021	
11/17/2016 5:15:00 PM	155700.000	69.776
16.802	157.177	37832.977
44856.250	30502.250	29.151
26.432	1.021	
11/17/2016 5:30:00 PM	156600.000	69.764
16.812	157.149	37805.367

44814.066	30473.568	29.121
26.451	1.021	
11/17/2016 5:45:00 PM	157500.000	69.764
16.809	157.149	37824.980
44840.074	30491.252	29.140
26.438	1.021	
11/17/2016 6:00:00 PM	158400.000	69.739
16.813	157.094	37794.863
44800.191	30464.133	29.111
26.459	1.021	
11/17/2016 6:15:00 PM	159300.000	69.737
16.807	157.089	37800.910
44813.141	30472.938	29.120
26.454	1.021	
11/17/2016 6:30:00 PM	160200.000	69.728
16.802	157.070	37793.375
44809.734	30470.621	29.117
26.460	1.021	
11/17/2016 6:45:00 PM	161100.000	69.722
16.804	157.055	37787.699
44800.516	30464.354	29.111
26.464	1.021	
11/17/2016 7:00:00 PM	162000.000	69.713
16.814	157.035	37786.434
44789.320	30456.740	29.103
26.465	1.021	
11/17/2016 7:15:00 PM	162900.000	69.709
16.811	157.026	37794.520
44802.090	30465.424	29.112
26.459	1.021	
11/17/2016 7:30:00 PM	163800.000	69.714
16.806	157.037	37818.098
44834.680	30487.584	29.136
26.442	1.021	
11/17/2016 7:45:00 PM	164700.000	69.710
16.809	157.029	37786.313
44794.602	30460.330	29.107
26.465	1.021	
11/17/2016 8:00:00 PM	165600.000	69.705
16.820	157.018	37789.230
44786.746	30454.990	29.102
26.463	1.021	
11/17/2016 8:15:00 PM	166500.000	69.692
16.813	156.989	37798.160
44803.922	30466.670	29.114
26.456	1.021	
11/17/2016 8:30:00 PM	167400.000	69.673
16.811	156.945	37828.668
44842.313	30492.775	29.141
26.435	1.021	
11/17/2016 8:45:00 PM	168300.000	69.669
16.813	156.937	37807.980
44815.477	30474.525	29.122
26.449	1.021	
11/17/2016 9:00:00 PM	169200.000	69.678
16.810	156.958	37797.809
44807.066	30468.805	29.116

26.457	1.021	
11/17/2016 9:15:00 PM	170100.000	69.682
16.806	156.965	37796.859
44810.121	30470.885	29.118
26.457	1.021	
11/17/2016 9:30:00 PM	171000.000	69.656
16.809	156.908	37793.609
44802.883	30465.961	29.113
26.459	1.021	
11/17/2016 9:45:00 PM	171900.000	69.653
16.809	156.901	37785.910
44793.406	30459.516	29.106
26.465	1.021	
11/17/2016 10:00:00 PM	172800.000	69.651
16.809	156.896	37814.906
44828.227	30483.195	29.131
26.445	1.021	
11/17/2016 10:15:00 PM	173700.000	69.662
16.822	156.921	37798.422
44795.867	30461.191	29.108
26.456	1.021	
11/17/2016 10:30:00 PM	174600.000	69.646
16.806	156.885	37794.023
44806.234	30468.240	29.115
26.459	1.021	
11/17/2016 10:45:00 PM	175500.000	69.648
16.804	156.888	37802.906
44818.902	30476.854	29.124
26.453	1.021	
11/17/2016 11:00:00 PM	176400.000	69.659
16.807	156.913	37807.805
44821.773	30478.807	29.126
26.450	1.021	
11/17/2016 11:15:00 PM	177300.000	69.656
16.817	156.908	37806.984
44810.551	30471.178	29.119
26.450	1.021	
11/17/2016 11:30:00 PM	178200.000	69.643
16.811	156.878	37812.844
44824.082	30480.379	29.128
26.446	1.021	
11/17/2016 11:45:00 PM	179100.000	69.641
16.812	156.873	37812.637
44822.957	30479.613	29.127
26.446	1.021	
11/18/2016 12:00:00 AM	180000.000	69.645
16.807	156.882	37803.977
44817.047	30475.594	29.123
26.452	1.021	
11/18/2016 12:15:00 AM	180900.000	69.657
16.802	156.910	37803.668
44822.477	30479.287	29.127
26.452	1.021	
11/18/2016 12:30:00 AM	181800.000	69.647
16.802	156.886	37803.273
44822.008	30478.965	29.126
26.453	1.021	

11/18/2016 12:45:00 AM	182700.000	69.664
16.812	156.925	37804.332
44812.211	30472.305	29.120
26.452	1.021	
11/18/2016 1:00:00 AM	183600.000	69.671
16.805	156.941	37809.422
44826.082	30481.736	29.129
26.448	1.021	
11/18/2016 1:15:00 AM	184500.000	69.660
16.800	156.915	37808.559
44829.520	30484.076	29.132
26.449	1.021	
11/18/2016 1:30:00 AM	185400.000	69.675
16.808	156.951	37793.676
44803.855	30466.623	29.113
26.459	1.021	
11/18/2016 1:45:00 AM	186300.000	69.678
16.814	156.957	37814.285
44822.586	30479.361	29.127
26.445	1.021	
11/18/2016 2:00:00 AM	187200.000	69.663
16.812	156.923	37811.508
44821.254	30478.455	29.126
26.447	1.021	
11/18/2016 2:15:00 AM	188100.000	69.664
16.816	156.925	37822.043
44829.297	30483.924	29.132
26.440	1.021	
11/18/2016 2:30:00 AM	189000.000	69.684
16.817	156.969	37831.270
44838.980	30490.510	29.139
26.433	1.021	
11/18/2016 2:45:00 AM	189900.000	69.690
16.817	156.983	37814.754
44819.406	30477.199	29.125
26.445	1.021	
11/18/2016 3:00:00 AM	190800.000	69.694
16.804	156.992	37794.898
44809.934	30470.756	29.118
26.459	1.021	
11/18/2016 3:15:00 AM	191700.000	69.696
16.805	156.998	37825.094
44844.578	30494.314	29.143
26.437	1.021	
11/18/2016 3:30:00 AM	192600.000	69.698
16.804	157.002	37820.273
44839.660	30490.971	29.139
26.441	1.021	
11/18/2016 3:45:00 AM	193500.000	69.705
16.809	157.017	37819.016
44832.832	30486.328	29.134
26.442	1.021	
11/18/2016 4:00:00 AM	194400.000	69.706
16.806	157.020	37834.238
44853.910	30500.662	29.149
26.431	1.021	
11/18/2016 4:15:00 AM	195300.000	69.707

16.809	157.021	37811.559
44824.340	30480.553	29.128
26.447	1.021	
11/18/2016 4:30:00 AM	196200.000	69.692
16.807	156.988	37807.527
44821.531	30478.641	29.126
26.450	1.021	
11/18/2016 4:45:00 AM	197100.000	69.695
16.811	156.994	37817.059
44828.551	30483.416	29.131
26.443	1.021	
11/18/2016 5:00:00 AM	198000.000	69.712
16.807	157.034	37804.664
44817.863	30476.148	29.124
26.452	1.021	
11/18/2016 5:15:00 AM	198900.000	69.696
16.814	156.997	37831.871
44843.703	30493.721	29.143
26.433	1.021	
11/18/2016 5:30:00 AM	199800.000	69.713
16.810	157.035	37825.992
44840.566	30491.586	29.140
26.437	1.021	
11/18/2016 5:45:00 AM	200700.000	69.718
16.812	157.047	37810.961
44820.699	30478.076	29.126
26.447	1.021	
11/18/2016 6:00:00 AM	201600.000	69.706
16.817	157.019	37813.148
44817.680	30476.025	29.124
26.446	1.021	
11/18/2016 6:15:00 AM	202500.000	69.720
16.819	157.051	37811.117
44813.668	30473.297	29.121
26.447	1.021	
11/18/2016 6:30:00 AM	203400.000	69.724
16.811	157.061	37818.543
44830.398	30484.672	29.133
26.442	1.021	
11/18/2016 6:45:00 AM	204300.000	69.719
16.804	157.050	37795.969
44811.293	30471.682	29.119
26.458	1.021	
11/18/2016 7:00:00 AM	205200.000	69.721
16.807	157.053	37804.234
44817.625	30475.986	29.123
26.452	1.021	
11/18/2016 7:15:00 AM	206100.000	69.706
16.801	157.018	37781.934
44796.797	30461.824	29.108
26.468	1.021	
11/18/2016 7:30:00 AM	207000.000	69.703
16.800	157.013	37805.133
44825.723	30481.492	29.129
26.451	1.021	
11/18/2016 7:45:00 AM	207900.000	69.718
16.810	157.047	37813.422

44825.574	30481.393	29.129
26.446	1.021	
11/18/2016 8:00:00 AM	208800.000	69.714
16.810	157.037	37798.355
44807.891	30469.365	29.116
26.456	1.021	
11/18/2016 8:15:00 AM	209700.000	69.707
16.806	157.021	37822.656
44840.082	30491.256	29.140
26.439	1.021	
11/18/2016 8:30:00 AM	210600.000	69.721
16.807	157.054	37786.242
44796.734	30461.781	29.108
26.465	1.021	
11/18/2016 8:45:00 AM	211500.000	69.718
16.808	157.046	37812.000
44825.668	30481.457	29.129
26.447	1.021	
11/18/2016 9:00:00 AM	212400.000	69.709
16.805	157.027	37832.277
44852.465	30499.678	29.148
26.432	1.021	
11/18/2016 9:15:00 AM	213300.000	69.725
16.805	157.063	37798.309
44812.566	30472.545	29.120
26.456	1.021	
11/18/2016 9:30:00 AM	214200.000	69.721
16.802	157.054	37818.344
44839.512	30490.871	29.139
26.442	1.021	
11/18/2016 9:45:00 AM	215100.000	69.708
16.814	157.024	37791.668
44795.699	30461.076	29.108
26.461	1.021	
11/18/2016 10:00:00 AM	216000.000	69.730
16.804	157.073	37805.824
44822.711	30479.445	29.127
26.451	1.021	
11/18/2016 10:15:00 AM	216900.000	69.717
16.816	157.045	37794.668
44797.375	30462.215	29.109
26.459	1.021	
11/18/2016 10:30:00 AM	217800.000	69.717
16.808	157.044	37827.754
44844.883	30494.521	29.143
26.436	1.021	
11/18/2016 10:45:00 AM	218700.000	69.736
16.806	157.087	37826.035
44844.090	30493.982	29.142
26.437	1.021	
11/18/2016 11:00:00 AM	219600.000	69.718
16.808	157.048	37815.641
44829.723	30484.213	29.132
26.444	1.021	
11/18/2016 11:15:00 AM	220500.000	69.726
16.816	157.064	37808.504
44813.695	30473.314	29.121

26.449	1.021	
11/18/2016 11:30:00 AM	221400.000	69.746
16.804	157.110	37776.691
44788.348	30456.078	29.102
26.471	1.021	
11/18/2016 11:45:00 AM	222300.000	69.734
16.804	157.083	37799.578
44815.480	30474.529	29.122
26.455	1.021	
11/18/2016 12:00:00 PM	223200.000	69.741
16.815	157.098	37837.367
44848.883	30497.242	29.146
26.429	1.021	
11/18/2016 12:15:00 PM	224100.000	69.741
16.811	157.098	37814.512
44825.449	30481.309	29.129
26.445	1.021	
11/18/2016 12:30:00 PM	225000.000	69.762
16.806	157.145	37768.398
44775.668	30447.457	29.093
26.477	1.021	
11/18/2016 12:45:00 PM	225900.000	69.752
16.811	157.123	37827.074
44840.867	30491.791	29.140
26.436	1.021	
11/18/2016 1:00:00 PM	226800.000	69.757
16.803	157.135	37803.148
44820.512	30477.951	29.125
26.453	1.021	
11/18/2016 1:15:00 PM	227700.000	69.763
16.807	157.147	37801.707
44814.355	30473.762	29.121
26.454	1.021	
11/18/2016 1:30:00 PM	228600.000	69.779
16.800	157.184	37796.773
44815.727	30474.697	29.122
26.457	1.021	
11/18/2016 1:45:00 PM	229500.000	69.767
16.809	157.156	37792.469
44801.090	30464.744	29.112
26.460	1.021	
11/18/2016 2:00:00 PM	230400.000	69.769
16.817	157.162	37799.539
44802.176	30465.482	29.113
26.455	1.021	
11/18/2016 2:15:00 PM	231300.000	69.770
16.812	157.164	37825.828
44837.973	30489.824	29.138
26.437	1.021	
11/18/2016 2:30:00 PM	232200.000	69.789
16.815	157.206	37815.820
44823.344	30479.875	29.128
26.444	1.021	
11/18/2016 2:45:00 PM	233100.000	69.778
16.804	157.182	37782.207
44794.809	30460.473	29.107
26.467	1.021	

11/18/2016 3:00:00 PM	234000.000	69.779
16.808	157.185	37805.813
44818.602	30476.650	29.124
26.451	1.021	
11/18/2016 3:15:00 PM	234900.000	69.794
16.810	157.219	37792.852
44801.008	30464.688	29.112
26.460	1.021	
11/18/2016 3:30:00 PM	235800.000	69.779
16.810	157.185	37786.406
44793.371	30459.494	29.106
26.465	1.021	
11/18/2016 3:45:00 PM	236700.000	69.797
16.809	157.224	37796.688
44806.094	30468.145	29.115
26.457	1.021	
11/18/2016 4:00:00 PM	237600.000	69.795
16.807	157.221	37819.555
44835.242	30487.967	29.136
26.441	1.021	
11/18/2016 4:15:00 PM	238500.000	69.793
16.810	157.216	37803.895
44814.551	30473.896	29.121
26.452	1.021	
11/18/2016 4:30:00 PM	239400.000	69.794
16.817	157.217	37821.000
44827.703	30482.840	29.131
26.440	1.021	
11/18/2016 4:45:00 PM	240300.000	69.779
16.805	157.185	37806.359
44822.281	30479.154	29.127
26.451	1.021	
11/18/2016 5:00:00 PM	241200.000	69.776
16.803	157.177	37802.016
44818.641	30476.678	29.124
26.454	1.021	
11/18/2016 5:15:00 PM	242100.000	69.788
16.806	157.203	37822.395
44839.680	30490.984	29.139
26.439	1.021	
11/18/2016 5:30:00 PM	243000.000	69.780
16.803	157.186	37793.848
44809.766	30470.643	29.117
26.459	1.021	
11/18/2016 5:45:00 PM	243900.000	69.777
16.818	157.179	37819.996
44824.910	30480.941	29.129
26.441	1.021	
11/18/2016 6:00:00 PM	244800.000	69.772
16.805	157.168	37828.195
44848.254	30496.814	29.145
26.435	1.021	
11/18/2016 6:15:00 PM	245700.000	69.766
16.807	157.154	37805.016
44818.992	30476.916	29.124
26.452	1.021	
11/18/2016 6:30:00 PM	246600.000	69.767

16.806	157.157	37818.445
44835.891	30488.406	29.136
26.442	1.021	
11/18/2016 6:45:00 PM	247500.000	69.758
16.806	157.138	37805.332
44819.902	30477.535	29.125
26.451	1.021	
11/18/2016 7:00:00 PM	248400.000	69.752
16.814	157.123	37808.402
44815.172	30474.318	29.122
26.449	1.021	
11/18/2016 7:15:00 PM	249300.000	69.748
16.801	157.114	37784.496
44800.457	30464.313	29.111
26.466	1.021	
11/18/2016 7:30:00 PM	250200.000	69.741
16.808	157.099	37795.086
44806.066	30468.127	29.115
26.458	1.021	
11/18/2016 7:45:00 PM	251100.000	69.735
16.811	157.086	37812.590
44822.984	30479.629	29.127
26.446	1.021	
11/18/2016 8:00:00 PM	252000.000	69.726
16.811	157.065	37769.559
44772.770	30445.486	29.091
26.476	1.021	
11/18/2016 8:15:00 PM	252900.000	69.718
16.806	157.046	37812.129
44828.051	30483.076	29.131
26.447	1.021	
11/18/2016 8:30:00 PM	253800.000	69.702
16.797	157.010	37794.129
44815.711	30474.686	29.121
26.459	1.021	
11/18/2016 8:45:00 PM	254700.000	69.695
16.807	156.994	37828.645
44846.113	30495.359	29.144
26.435	1.021	
11/18/2016 9:00:00 PM	255600.000	69.688
16.804	156.980	37783.145
44795.563	30460.982	29.107
26.467	1.021	
11/18/2016 9:15:00 PM	256500.000	69.695
16.804	156.995	37803.074
44818.828	30476.805	29.124
26.453	1.021	
11/18/2016 9:30:00 PM	257400.000	69.694
16.805	156.993	37786.031
44798.434	30462.936	29.109
26.465	1.021	
11/18/2016 9:45:00 PM	258300.000	69.685
16.811	156.973	37813.770
44825.281	30481.193	29.129
26.445	1.021	
11/18/2016 10:00:00 PM	259200.000	69.666
16.810	156.930	37808.313

44818.988	30476.914	29.125
26.449	1.021	
11/18/2016 10:15:00 PM	260100.000	69.680
16.809	156.960	37804.652
44816.422	30475.170	29.123
26.452	1.021	
11/18/2016 10:30:00 PM	261000.000	69.674
16.806	156.948	37825.406
44843.793	30493.779	29.142
26.437	1.021	
11/18/2016 10:45:00 PM	261900.000	69.655
16.802	156.904	37796.000
44812.484	30472.492	29.119
26.458	1.021	
11/18/2016 11:00:00 PM	262800.000	69.653
16.812	156.901	37820.629
44831.809	30485.633	29.134
26.441	1.021	
11/18/2016 11:15:00 PM	263700.000	69.649
16.811	156.891	37817.246
44828.688	30483.510	29.132
26.443	1.021	
11/18/2016 11:30:00 PM	264600.000	69.665
16.812	156.926	37818.098
44829.066	30483.766	29.132
26.442	1.021	
11/18/2016 11:45:00 PM	265500.000	69.649
16.808	156.891	37810.105
44823.160	30479.752	29.127
26.448	1.021	
11/19/2016 12:00:00 AM	266400.000	69.670
16.814	156.939	37804.320
44811.047	30471.514	29.119
26.452	1.021	
11/19/2016 12:15:00 AM	267300.000	69.665
16.808	156.928	37793.250
44803.801	30466.586	29.113
26.460	1.021	
11/19/2016 12:30:00 AM	268200.000	69.667
16.806	156.932	37798.320
44811.680	30471.945	29.119
26.456	1.021	
11/19/2016 12:45:00 AM	269100.000	69.649
16.808	156.892	37837.613
44855.676	30501.861	29.151
26.429	1.021	
11/19/2016 1:00:00 AM	270000.000	69.668
16.807	156.933	37800.039
44812.289	30472.359	29.119
26.455	1.021	
11/19/2016 1:15:00 AM	270900.000	69.653
16.811	156.900	37784.465
44790.266	30457.383	29.104
26.466	1.021	
11/19/2016 1:30:00 AM	271800.000	69.655
16.816	156.904	37808.824
44813.809	30473.393	29.121

26.449	1.021	
11/19/2016 1:45:00 AM	272700.000	69.656
16.809	156.908	37802.305
44812.844	30472.736	29.120
26.453	1.021	
11/19/2016 2:00:00 AM	273600.000	69.678
16.808	156.957	37805.844
44818.641	30476.678	29.124
26.451	1.021	
11/19/2016 2:15:00 AM	274500.000	69.664
16.811	156.924	37816.238
44828.207	30483.184	29.131
26.444	1.021	
11/19/2016 2:30:00 AM	275400.000	69.669
16.806	156.937	37790.715
44802.125	30465.447	29.112
26.462	1.021	
11/19/2016 2:45:00 AM	276300.000	69.686
16.805	156.975	37784.133
44795.930	30461.232	29.108
26.466	1.021	
11/19/2016 3:00:00 AM	277200.000	69.675
16.812	156.950	37801.008
44808.273	30469.629	29.117
26.454	1.021	
11/19/2016 3:15:00 AM	278100.000	69.695
16.811	156.995	37809.289
44819.691	30477.393	29.125
26.449	1.021	
11/19/2016 3:30:00 AM	279000.000	69.681
16.806	156.962	37800.922
44814.852	30474.100	29.121
26.454	1.021	
11/19/2016 3:45:00 AM	279900.000	69.701
16.818	157.008	37812.668
44816.762	30475.398	29.123
26.446	1.021	
11/19/2016 4:00:00 AM	280800.000	69.704
16.813	157.015	37811.719
44820.078	30477.656	29.125
26.447	1.021	
11/19/2016 4:15:00 AM	281700.000	69.690
16.806	156.984	37816.805
44833.418	30486.727	29.135
26.443	1.021	
11/19/2016 4:30:00 AM	282600.000	69.712
16.800	157.034	37813.570
44835.996	30488.480	29.136
26.446	1.021	
11/19/2016 4:45:00 AM	283500.000	69.713
16.806	157.036	37834.613
44854.980	30501.389	29.150
26.431	1.021	
11/19/2016 5:00:00 AM	284400.000	69.699
16.810	157.004	37830.410
44845.891	30495.207	29.144
26.434	1.021	

11/19/2016 5:15:00 AM	285300.000	69.701
16.812	157.008	37798.727
44805.848	30467.977	29.115
26.456	1.021	
11/19/2016 5:30:00 AM	286200.000	69.722
16.814	157.056	37787.734
44791.039	30457.908	29.105
26.464	1.021	
11/19/2016 5:45:00 AM	287100.000	69.708
16.804	157.024	37804.199
44820.434	30477.896	29.125
26.452	1.021	
11/19/2016 6:00:00 AM	288000.000	69.709
16.812	157.026	37804.367
44812.965	30472.818	29.120
26.452	1.021	
11/19/2016 6:15:00 AM	288900.000	69.726
16.812	157.065	37813.750
44824.180	30480.443	29.128
26.445	1.021	
11/19/2016 6:30:00 AM	289800.000	69.714
16.812	157.038	37834.488
44847.961	30496.615	29.146
26.431	1.021	
11/19/2016 6:45:00 AM	290700.000	69.728
16.812	157.068	37807.363
44816.254	30475.055	29.123
26.450	1.021	
11/19/2016 7:00:00 AM	291600.000	69.719
16.808	157.050	37815.418
44830.078	30484.455	29.132
26.444	1.021	
11/19/2016 7:15:00 AM	292500.000	69.739
16.804	157.095	37782.598
44795.172	30460.719	29.107
26.467	1.021	
11/19/2016 7:30:00 AM	293400.000	69.735
16.805	157.084	37811.020
44827.262	30482.541	29.130
26.447	1.021	
11/19/2016 7:45:00 AM	294300.000	69.738
16.796	157.091	37792.164
44814.883	30474.123	29.121
26.461	1.021	
11/19/2016 8:00:00 AM	295200.000	69.720
16.803	157.052	37783.555
44797.379	30462.221	29.108
26.467	1.021	
11/19/2016 8:15:00 AM	296100.000	69.741
16.796	157.100	37777.469
44796.574	30461.672	29.108
26.471	1.021	
11/19/2016 8:30:00 AM	297000.000	69.741
16.810	157.099	37804.398
44815.055	30474.240	29.122
26.452	1.021	
11/19/2016 8:45:00 AM	297900.000	69.729

16.814	157.072	37819.711
44829.016	30483.732	29.132
26.441	1.021	
11/19/2016 9:00:00 AM	298800.000	69.730
16.807	157.074	37831.457
44849.625	30497.748	29.146
26.433	1.021	
11/19/2016 9:15:00 AM	299700.000	69.744
16.806	157.104	37783.609
44793.699	30459.717	29.106
26.467	1.021	
11/19/2016 9:30:00 AM	300600.000	69.748
16.802	157.114	37796.477
44813.148	30472.941	29.120
26.457	1.021	
11/19/2016 9:45:00 AM	301500.000	69.746
16.802	157.110	37781.898
44796.129	30461.369	29.108
26.468	1.021	
11/19/2016 10:00:00 AM	302400.000	69.727
16.805	157.066	37813.938
44831.520	30485.436	29.133
26.445	1.021	
11/19/2016 10:15:00 AM	303300.000	69.745
16.816	157.107	37824.961
44833.203	30486.580	29.135
26.438	1.021	
11/19/2016 10:30:00 AM	304200.000	69.749
16.806	157.117	37825.613
44844.211	30494.066	29.142
26.437	1.021	
11/19/2016 10:45:00 AM	305100.000	69.731
16.803	157.077	37810.301
44828.902	30483.656	29.131
26.448	1.021	
11/19/2016 11:00:00 AM	306000.000	69.735
16.808	157.085	37815.855
44830.598	30484.809	29.133
26.444	1.021	
11/19/2016 11:15:00 AM	306900.000	69.736
16.809	157.087	37827.121
44842.789	30493.100	29.142
26.436	1.021	
11/19/2016 11:30:00 AM	307800.000	69.740
16.811	157.096	37833.668
44847.969	30496.621	29.146
26.431	1.021	
11/19/2016 11:45:00 AM	308700.000	69.760
16.813	157.141	37818.059
44827.781	30482.893	29.131
26.442	1.021	
11/19/2016 12:00:00 PM	309600.000	69.763
16.811	157.147	37834.137
44848.797	30497.184	29.146
26.431	1.021	
11/19/2016 12:15:00 PM	310500.000	69.766
16.812	157.155	37815.242

44825.949	30481.648	29.130
26.444	1.021	
11/19/2016 12:30:00 PM	311400.000	69.749
16.804	157.117	37824.133
44843.797	30493.781	29.142
26.438	1.021	
11/19/2016 12:45:00 PM	312300.000	69.755
16.806	157.130	37780.480
44790.617	30457.621	29.104
26.469	1.021	
11/19/2016 1:00:00 PM	313200.000	69.760
16.798	157.142	37831.008
44858.363	30503.689	29.152
26.433	1.021	
11/19/2016 1:15:00 PM	314100.000	69.763
16.805	157.148	37806.824
44822.918	30479.586	29.127
26.450	1.021	
11/19/2016 1:30:00 PM	315000.000	69.782
16.802	157.192	37794.254
44810.863	30471.389	29.118
26.459	1.021	
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16.811	157.162	37792.711
44799.512	30463.668	29.111
26.460	1.021	
11/19/2016 2:00:00 PM	316800.000	69.769
16.816	157.162	37831.770
44841.352	30492.121	29.141
26.433	1.021	
11/19/2016 2:15:00 PM	317700.000	69.776
16.808	157.178	37824.543
44840.809	30491.750	29.140
26.438	1.021	
11/19/2016 2:30:00 PM	318600.000	69.778
16.802	157.183	37789.785
44805.039	30467.430	29.114
26.462	1.021	
11/19/2016 2:45:00 PM	319500.000	69.781
16.806	157.188	37771.270
44779.258	30449.898	29.096
26.475	1.021	
11/19/2016 3:00:00 PM	320400.000	69.797
16.812	157.225	37808.664
44817.703	30476.039	29.124
26.449	1.021	
11/19/2016 3:15:00 PM	321300.000	69.787
16.812	157.203	37825.043
44836.941	30489.123	29.138
26.438	1.021	
11/19/2016 3:30:00 PM	322200.000	69.805
16.807	157.242	37813.281
44827.988	30483.033	29.131
26.446	1.021	
11/19/2016 3:45:00 PM	323100.000	69.791
16.812	157.212	37815.863
44826.234	30481.842	29.130

26.444	1.021	
11/19/2016 4:00:00 PM	324000.000	69.792
16.814	157.213	37829.500
44840.094	30491.264	29.140
26.434	1.021	
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16.805	157.266	37831.363
44851.570	30499.068	29.148
26.433	1.021	
11/19/2016 4:30:00 PM	325800.000	69.815
16.804	157.266	37806.727
44823.160	30479.752	29.127
26.450	1.021	
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16.817	157.230	37798.449
44800.172	30464.119	29.111
26.456	1.021	
11/19/2016 5:00:00 PM	327600.000	69.818
16.806	157.272	37799.227
44812.215	30472.307	29.119
26.456	1.021	
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16.802	157.237	37792.785
44809.570	30470.508	29.117
26.460	1.021	
11/19/2016 5:30:00 PM	329400.000	69.801
16.810	157.235	37817.688
44830.102	30484.471	29.133
26.443	1.021	
11/19/2016 5:45:00 PM	330300.000	69.798
16.812	157.228	37809.250
44818.492	30476.576	29.124
26.449	1.021	
11/19/2016 6:00:00 PM	331200.000	69.812
16.804	157.259	37819.695
44838.711	30490.326	29.138
26.441	1.021	
11/19/2016 6:15:00 PM	332100.000	69.796
16.811	157.223	37812.734
44823.340	30479.871	29.128
26.446	1.021	
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16.808	157.228	37810.141
44823.559	30480.021	29.128
26.448	1.021	
11/19/2016 6:45:00 PM	333900.000	69.810
16.806	157.254	37823.938
44841.695	30492.355	29.141
26.438	1.021	
11/19/2016 7:00:00 PM	334800.000	69.807
16.808	157.247	37856.641
44878.414	30517.324	29.167
26.415	1.021	
11/19/2016 7:15:00 PM	335700.000	69.786
16.808	157.199	37808.027
44820.781	30478.133	29.126
26.449	1.021	

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44824.039	30480.348	29.128
26.445	1.021	
11/19/2016 7:45:00 PM	337500.000	69.796
16.809	157.222	37801.391
44812.387	30472.426	29.120
26.454	1.021	
11/19/2016 8:00:00 PM	338400.000	69.775
16.820	157.175	37814.668
44816.809	30475.432	29.123
26.445	1.021	
11/19/2016 8:15:00 PM	339300.000	69.789
16.806	157.207	37810.012
44825.891	30481.607	29.129
26.448	1.021	
11/19/2016 8:30:00 PM	340200.000	69.780
16.802	157.186	37790.195
44806.500	30468.422	29.115
26.462	1.021	
11/19/2016 8:45:00 PM	341100.000	69.775
16.809	157.175	37802.477
44813.305	30473.049	29.120
26.453	1.021	
11/19/2016 9:00:00 PM	342000.000	69.757
16.809	157.135	37802.652
44813.512	30473.188	29.120
26.453	1.021	
11/19/2016 9:15:00 PM	342900.000	69.765
16.808	157.152	37824.887
44840.590	30491.604	29.140
26.438	1.021	
11/19/2016 9:30:00 PM	343800.000	69.764
16.797	157.150	37823.816
44850.633	30498.430	29.147
26.438	1.021	
11/19/2016 9:45:00 PM	344700.000	69.741
16.810	157.098	37797.992
44807.285	30468.955	29.116
26.456	1.021	
11/19/2016 10:00:00 PM	345600.000	69.748
16.813	157.115	37801.469
44808.367	30469.689	29.117
26.454	1.021	
11/19/2016 10:15:00 PM	346500.000	69.731
16.811	157.075	37806.645
44816.207	30475.023	29.123
26.450	1.021	
11/19/2016 10:30:00 PM	347400.000	69.733
16.799	157.081	37783.496
44800.871	30464.594	29.111
26.467	1.021	
11/19/2016 10:45:00 PM	348300.000	69.745
16.806	157.108	37793.918
44806.109	30468.154	29.115
26.459	1.021	
11/19/2016 11:00:00 PM	349200.000	69.727

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44854.313	30500.936	29.150
26.430	1.021	
11/19/2016 11:15:00 PM	350100.000	69.724
16.809	157.059	37815.227
44828.691	30483.512	29.131
26.444	1.021	
11/19/2016 11:30:00 PM	351000.000	69.737
16.816	157.089	37803.730
44808.117	30469.521	29.117
26.452	1.021	
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16.815	157.093	37804.289
44809.934	30470.756	29.118
26.452	1.021	
11/20/2016 12:00:00 AM	352800.000	69.739
16.805	157.094	37801.406
44816.664	30475.334	29.123
26.454	1.021	
11/20/2016 12:15:00 AM	353700.000	69.731
16.814	157.076	37791.930
44796.012	30461.291	29.108
26.461	1.021	
11/20/2016 12:30:00 AM	354600.000	69.733
16.811	157.081	37822.863
44835.609	30488.217	29.137
26.439	1.021	
11/20/2016 12:45:00 AM	355500.000	69.734
16.807	157.082	37796.105
44807.445	30469.064	29.116
26.458	1.021	
11/20/2016 1:00:00 AM	356400.000	69.738
16.813	157.091	37831.832
44843.836	30493.811	29.143
26.433	1.021	
11/20/2016 1:15:00 AM	357300.000	69.718
16.809	157.047	37787.988
44796.770	30461.803	29.108
26.463	1.021	
11/20/2016 1:30:00 AM	358200.000	69.737
16.807	157.090	37789.176
44799.773	30463.846	29.110
26.463	1.021	
11/20/2016 1:45:00 AM	359100.000	69.742
16.809	157.102	37805.070
44817.020	30475.576	29.123
26.451	1.021	
11/20/2016 2:00:00 AM	360000.000	69.728
16.810	157.068	37814.848
44827.266	30482.543	29.130
26.445	1.021	
11/20/2016 2:15:00 AM	360900.000	69.734
16.807	157.083	37791.898
44802.914	30465.984	29.113
26.461	1.021	
11/20/2016 2:30:00 AM	361800.000	69.756
16.812	157.132	37797.352

44804.215	30466.869	29.114
26.457	1.021	
11/20/2016 2:45:00 AM	362700.000	69.758
16.803	157.137	37797.566
44813.367	30473.092	29.120
26.457	1.021	
11/20/2016 3:00:00 AM	363600.000	69.764
16.809	157.150	37819.070
44833.160	30486.549	29.135
26.442	1.021	
11/20/2016 3:15:00 AM	364500.000	69.764
16.815	157.149	37825.996
44835.313	30488.014	29.137
26.437	1.021	
11/20/2016 3:30:00 AM	365400.000	69.770
16.809	157.163	37812.953
44826.184	30481.807	29.130
26.446	1.021	
11/20/2016 3:45:00 AM	366300.000	69.758
16.811	157.138	37820.410
44833.152	30486.543	29.135
26.441	1.021	
11/20/2016 4:00:00 AM	367200.000	69.785
16.811	157.197	37807.539
44817.523	30475.918	29.123
26.450	1.021	
11/20/2016 4:15:00 AM	368100.000	69.784
16.808	157.196	37817.375
44832.043	30485.791	29.134
26.443	1.021	
11/20/2016 4:30:00 AM	369000.000	69.793
16.809	157.215	37800.328
44811.297	30471.684	29.119
26.455	1.021	
11/20/2016 4:45:00 AM	369900.000	69.779
16.800	157.185	37796.672
44815.242	30474.367	29.121
26.457	1.021	
11/20/2016 5:00:00 AM	370800.000	69.783
16.805	157.192	37796.270
44810.316	30471.018	29.118
26.458	1.021	
11/20/2016 5:15:00 AM	371700.000	69.802
16.804	157.236	37807.371
44824.363	30480.568	29.128
26.450	1.021	
11/20/2016 5:30:00 AM	372600.000	69.794
16.813	157.217	37788.629
44793.426	30459.529	29.106
26.463	1.021	
11/20/2016 5:45:00 AM	373500.000	69.794
16.802	157.218	37822.258
44844.242	30494.088	29.142
26.439	1.021	
11/20/2016 6:00:00 AM	374400.000	69.795
16.812	157.220	37800.320
44807.559	30469.143	29.116

26.455	1.021	
11/20/2016 6:15:00 AM	375300.000	69.803
16.809	157.238	37813.262
44826.012	30481.689	29.130
26.446	1.021	
11/20/2016 6:30:00 AM	376200.000	69.824
16.818	157.286	37837.742
44846.387	30495.545	29.145
26.429	1.021	
11/20/2016 6:45:00 AM	377100.000	69.823
16.817	157.283	37826.441
44833.434	30486.736	29.135
26.437	1.021	
11/20/2016 7:00:00 AM	378000.000	69.812
16.815	157.258	37827.625
44837.246	30489.330	29.138
26.436	1.021	
11/20/2016 7:15:00 AM	378900.000	69.818
16.811	157.272	37819.109
44831.332	30485.309	29.133
26.442	1.021	
11/20/2016 7:30:00 AM	379800.000	69.831
16.800	157.302	37779.711
44795.230	30460.760	29.107
26.469	1.021	
11/20/2016 7:45:00 AM	380700.000	69.820
16.807	157.276	37827.973
44846.117	30495.361	29.144
26.435	1.021	
11/20/2016 8:00:00 AM	381600.000	69.821
16.816	157.279	37831.461
44840.723	30491.693	29.141
26.433	1.021	
11/20/2016 8:15:00 AM	382500.000	69.822
16.803	157.281	37801.465
44818.797	30476.781	29.124
26.454	1.021	
11/20/2016 8:30:00 AM	383400.000	69.827
16.799	157.291	37774.684
44791.043	30457.912	29.104
26.473	1.021	
11/20/2016 8:45:00 AM	384300.000	69.843
16.797	157.328	37765.348
44781.672	30451.539	29.097
26.479	1.021	
11/20/2016 9:00:00 AM	385200.000	69.829
16.791	157.296	37791.617
44818.594	30476.646	29.123
26.461	1.021	
11/20/2016 9:15:00 AM	386100.000	69.844
16.805	157.329	37820.141
44838.172	30489.957	29.138
26.441	1.021	
11/20/2016 9:30:00 AM	387000.000	69.844
16.806	157.331	37817.625
44834.918	30487.746	29.136
26.443	1.021	

11/20/2016 9:45:00 AM	387900.000	69.851
16.799	157.345	37821.242
44845.355	30494.842	29.143
26.440	1.021	
11/20/2016 10:00:00 AM	388800.000	69.828
16.809	157.295	37795.281
44804.426	30467.010	29.114
26.458	1.021	
11/20/2016 10:15:00 AM	389700.000	69.843
16.799	157.328	37792.285
44811.742	30471.986	29.119
26.460	1.021	
11/20/2016 10:30:00 AM	390600.000	69.847
16.814	157.337	37817.527
44825.801	30481.547	29.130
26.443	1.021	
11/20/2016 10:45:00 AM	391500.000	69.847
16.815	157.337	37826.082
44834.891	30487.729	29.136
26.437	1.021	
11/20/2016 11:00:00 AM	392400.000	69.854
16.806	157.352	37807.004
44821.434	30478.574	29.126
26.450	1.021	
11/20/2016 11:15:00 AM	393300.000	69.854
16.800	157.354	37803.125
44823.344	30479.875	29.127
26.453	1.021	
11/20/2016 11:30:00 AM	394200.000	69.851
16.805	157.345	37818.883
44836.773	30489.008	29.137
26.442	1.021	
11/20/2016 11:45:00 AM	395100.000	69.853
16.808	157.351	37811.879
44825.797	30481.545	29.129
26.447	1.021	
11/20/2016 12:00:00 PM	396000.000	69.840
16.803	157.322	37820.020
44840.086	30491.258	29.139
26.441	1.021	
11/20/2016 12:15:00 PM	396900.000	69.854
16.809	157.353	37785.289
44792.672	30459.020	29.105
26.465	1.021	
11/20/2016 12:30:00 PM	397800.000	69.859
16.810	157.365	37798.672
44808.180	30469.564	29.117
26.456	1.021	
11/20/2016 12:45:00 PM	398700.000	69.843
16.807	157.329	37804.910
44818.426	30476.529	29.124
26.452	1.021	
11/20/2016 1:00:00 PM	399600.000	69.858
16.800	157.363	37814.934
44836.895	30489.090	29.137
26.445	1.021	
11/20/2016 1:15:00 PM	400500.000	69.864

16.796	157.376	37806.105
44830.887	30485.004	29.132
26.451	1.021	
11/20/2016 1:30:00 PM	401400.000	69.850
16.796	157.344	37786.570
44807.543	30469.129	29.115
26.464	1.021	
11/20/2016 1:45:00 PM	402300.000	69.868
16.817	157.384	37828.391
44835.660	30488.250	29.137
26.435	1.021	
11/20/2016 2:00:00 PM	403200.000	69.856
16.813	157.358	37825.613
44836.988	30489.152	29.138
26.437	1.021	
11/20/2016 2:15:00 PM	404100.000	69.857
16.795	157.361	37781.102
44802.566	30465.748	29.112
26.468	1.021	
11/20/2016 2:30:00 PM	405000.000	69.876
16.804	157.403	37796.305
44811.422	30471.770	29.119
26.458	1.021	
11/20/2016 2:45:00 PM	405900.000	69.883
16.810	157.418	37813.199
44825.582	30481.398	29.129
26.446	1.021	
11/20/2016 3:00:00 PM	406800.000	69.884
16.806	157.419	37809.313
44824.621	30480.744	29.128
26.449	1.021	
11/20/2016 3:15:00 PM	407700.000	69.872
16.808	157.393	37782.727
44791.414	30458.164	29.104
26.467	1.021	
11/20/2016 3:30:00 PM	408600.000	69.872
16.803	157.394	37821.445
44841.590	30492.283	29.140
26.440	1.021	
11/20/2016 3:45:00 PM	409500.000	69.873
16.805	157.395	37817.211
44835.055	30487.838	29.136
26.443	1.021	
11/20/2016 4:00:00 PM	410400.000	69.891
16.801	157.436	37789.324
44806.352	30468.320	29.115
26.462	1.021	
11/20/2016 4:15:00 PM	411300.000	69.894
16.806	157.442	37802.680
44816.852	30475.461	29.123
26.453	1.021	
11/20/2016 4:30:00 PM	412200.000	69.895
16.807	157.446	37792.727
44804.066	30466.766	29.114
26.460	1.021	
11/20/2016 4:45:00 PM	413100.000	69.901
16.800	157.459	37790.570

44808.457	30469.754	29.116
26.462	1.021	
11/20/2016 5:00:00 PM	414000.000	69.888
16.812	157.429	37822.547
44834.703	30487.598	29.136
26.439	1.021	
11/20/2016 5:15:00 PM	414900.000	69.885
16.809	157.423	37828.289
44843.996	30493.920	29.142
26.435	1.021	
11/20/2016 5:30:00 PM	415800.000	69.885
16.808	157.422	37801.141
44812.438	30472.457	29.120
26.454	1.021	
11/20/2016 5:45:00 PM	416700.000	69.901
16.801	157.460	37795.898
44813.520	30473.193	29.120
26.458	1.021	
11/20/2016 6:00:00 PM	417600.000	69.903
16.803	157.463	37806.336
44824.477	30480.646	29.128
26.451	1.021	
11/20/2016 6:15:00 PM	418500.000	69.886
16.810	157.426	37795.473
44804.566	30467.107	29.114
26.458	1.021	
11/20/2016 6:30:00 PM	419400.000	69.884
16.809	157.420	37788.016
44796.617	30461.701	29.108
26.463	1.021	
11/20/2016 6:45:00 PM	420300.000	69.887
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44823.539	30480.010	29.128
26.446	1.021	
11/20/2016 7:00:00 PM	421200.000	69.883
16.805	157.418	37826.426
44845.801	30495.146	29.144
26.437	1.021	
11/20/2016 7:15:00 PM	422100.000	69.885
16.802	157.423	37827.703
44850.879	30498.600	29.147
26.436	1.021	
11/20/2016 7:30:00 PM	423000.000	69.898
16.799	157.452	37811.219
44833.641	30486.875	29.134
26.447	1.021	
11/20/2016 7:45:00 PM	423900.000	69.894
16.806	157.443	37791.555
44803.121	30466.123	29.113
26.461	1.021	
11/20/2016 8:00:00 PM	424800.000	69.877
16.810	157.405	37798.117
44807.168	30468.875	29.116
26.456	1.021	
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16.813	157.427	37819.707
44829.988	30484.395	29.133

26.441	1.021	
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16.814	157.429	37790.793
44794.918	30460.547	29.107
26.461	1.021	
11/20/2016 8:45:00 PM	427500.000	69.867
16.808	157.382	37791.238
44801.414	30464.963	29.112
26.461	1.021	
11/20/2016 9:00:00 PM	428400.000	69.881
16.814	157.415	37805.668
44812.117	30472.242	29.120
26.451	1.021	
11/20/2016 9:15:00 PM	429300.000	69.858
16.804	157.363	37821.602
44840.793	30491.740	29.140
26.440	1.021	
11/20/2016 9:30:00 PM	430200.000	69.870
16.812	157.389	37806.227
44814.738	30474.023	29.122
26.451	1.021	
11/20/2016 9:45:00 PM	431100.000	69.850
16.820	157.343	37825.363
44829.305	30483.928	29.133
26.437	1.021	
11/20/2016 10:00:00 PM	432000.000	69.849
16.814	157.341	37813.129
44820.859	30478.188	29.126
26.446	1.021	
11/20/2016 10:15:00 PM	432900.000	69.862
16.818	157.371	37808.258
44811.000	30471.480	29.119
26.449	1.021	
11/20/2016 10:30:00 PM	433800.000	69.855
16.814	157.356	37806.117
44812.199	30472.295	29.120
26.451	1.021	
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16.812	157.309	37806.297
44814.820	30474.080	29.122
26.451	1.021	
11/20/2016 11:00:00 PM	435600.000	69.847
16.805	157.338	37822.898
44841.531	30492.242	29.141
26.439	1.021	
11/20/2016 11:15:00 PM	436500.000	69.844
16.806	157.330	37816.051
44832.523	30486.119	29.134
26.444	1.021	
11/20/2016 11:30:00 PM	437400.000	69.846
16.809	157.335	37801.398
44811.949	30472.127	29.119
26.454	1.021	
11/20/2016 11:45:00 PM	438300.000	69.838
16.811	157.316	37820.355
44832.188	30485.889	29.134
26.441	1.021	

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44804.727	30467.217	29.115
26.454	1.021	
11/21/2016 12:15:00 AM	440100.000	69.834
16.815	157.309	37840.016
44852.109	30499.438	29.149
26.427	1.021	
11/21/2016 12:30:00 AM	441000.000	69.818
16.804	157.273	37792.531
44806.871	30468.674	29.115
26.460	1.021	
11/21/2016 12:45:00 AM	441900.000	69.828
16.817	157.295	37819.074
44824.617	30480.742	29.129
26.442	1.021	
11/21/2016 1:00:00 AM	442800.000	69.828
16.812	157.295	37802.191
44810.480	30471.129	29.118
26.453	1.021	
11/21/2016 1:15:00 AM	443700.000	69.814
16.810	157.263	37828.203
44842.836	30493.129	29.142
26.435	1.021	
11/21/2016 1:30:00 AM	444600.000	69.825
16.813	157.288	37818.379
44828.414	30483.324	29.131
26.442	1.021	
11/21/2016 1:45:00 AM	445500.000	69.830
16.806	157.299	37787.113
44798.117	30462.723	29.109
26.464	1.021	
11/21/2016 2:00:00 AM	446400.000	69.829
16.814	157.297	37798.551
44804.207	30466.863	29.114
26.456	1.021	
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44822.090	30479.023	29.127
26.447	1.021	
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16.811	157.303	37810.184
44820.402	30477.875	29.126
26.448	1.021	
11/21/2016 2:45:00 AM	449100.000	69.833
16.802	157.306	37792.031
44808.500	30469.781	29.116
26.461	1.021	
11/21/2016 3:00:00 AM	450000.000	69.838
16.800	157.317	37785.301
44802.656	30465.809	29.112
26.465	1.021	
11/21/2016 3:15:00 AM	450900.000	69.823
16.802	157.282	37780.945
44794.559	30460.303	29.106
26.468	1.021	
11/21/2016 3:30:00 AM	451800.000	69.843

16.800	157.328	37794.805
44813.297	30473.045	29.120
26.459	1.021	
11/21/2016 3:45:00 AM	452700.000	69.844
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44822.402	30479.236	29.127
26.448	1.021	
11/21/2016 4:00:00 AM	453600.000	69.831
16.814	157.302	37808.000
44814.695	30473.994	29.122
26.449	1.021	
11/21/2016 4:15:00 AM	454500.000	69.850
16.819	157.344	37805.875
44807.457	30469.072	29.117
26.451	1.021	
11/21/2016 4:30:00 AM	455400.000	69.852
16.810	157.349	37802.793
44812.977	30472.826	29.120
26.453	1.021	
11/21/2016 4:45:00 AM	456300.000	69.856
16.803	157.358	37796.285
44812.203	30472.299	29.119
26.458	1.021	
11/21/2016 5:00:00 AM	457200.000	69.845
16.805	157.333	37845.391
44868.285	30510.436	29.160
26.423	1.021	
11/21/2016 5:15:00 AM	458100.000	69.844
16.807	157.330	37821.449
44837.949	30489.809	29.138
26.440	1.021	
11/21/2016 5:30:00 AM	459000.000	69.870
16.810	157.389	37815.609
44827.809	30482.912	29.131
26.444	1.021	
11/21/2016 5:45:00 AM	459900.000	69.872
16.800	157.393	37816.867
44839.371	30490.773	29.139
26.443	1.021	
11/21/2016 6:00:00 AM	460800.000	69.874
16.812	157.398	37801.156
44809.160	30470.230	29.117
26.454	1.021	
11/21/2016 6:15:00 AM	461700.000	69.877
16.806	157.405	37807.750
44822.508	30479.305	29.127
26.450	1.021	
11/21/2016 6:30:00 AM	462600.000	69.866
16.805	157.379	37823.461
44841.938	30492.520	29.141
26.439	1.021	
11/21/2016 6:45:00 AM	463500.000	69.881
16.805	157.414	37807.074
44823.129	30479.730	29.127
26.450	1.021	
11/21/2016 7:00:00 AM	464400.000	69.865
16.801	157.378	37843.832

44870.902	30512.217	29.161
26.424	1.021	
11/21/2016 7:15:00 AM	465300.000	69.889
16.801	157.431	37791.430
44808.770	30469.965	29.117
26.461	1.021	
11/21/2016 7:30:00 AM	466200.000	69.873
16.799	157.397	37778.008
44794.719	30460.408	29.106
26.470	1.021	
11/21/2016 7:45:00 AM	467100.000	69.890
16.804	157.433	37803.832
44820.617	30478.021	29.125
26.452	1.021	
11/21/2016 8:00:00 AM	468000.000	69.893
16.798	157.440	37802.617
44824.793	30480.861	29.128
26.453	1.021	
11/21/2016 8:15:00 AM	468900.000	69.880
16.799	157.412	37808.594
44830.902	30485.016	29.132
26.449	1.021	
11/21/2016 8:30:00 AM	469800.000	69.877
16.806	157.405	37777.750
44787.566	30455.545	29.102
26.471	1.021	
11/21/2016 8:45:00 AM	470700.000	69.896
16.804	157.447	37799.992
44815.715	30474.688	29.122
26.455	1.021	
11/21/2016 9:00:00 AM	471600.000	69.894
16.812	157.443	37806.273
44814.516	30473.873	29.121
26.451	1.021	
11/21/2016 9:15:00 AM	472500.000	69.880
16.811	157.412	37815.352
44826.258	30481.857	29.130
26.444	1.021	
11/21/2016 9:30:00 AM	473400.000	69.893
16.817	157.441	37791.199
44792.195	30458.695	29.106
26.461	1.021	
11/21/2016 9:45:00 AM	474300.000	69.878
16.813	157.406	37802.285
44808.727	30469.934	29.117
26.453	1.021	
11/21/2016 10:00:00 AM	475200.000	69.894
16.803	157.444	37785.172
44798.672	30463.098	29.109
26.465	1.021	
11/21/2016 10:15:00 AM	476100.000	69.897
16.809	157.449	37795.477
44805.277	30467.592	29.115
26.458	1.021	
11/21/2016 10:30:00 AM	477000.000	69.896
16.805	157.447	37797.891
44811.621	30471.902	29.119

26.457	1.021	
11/21/2016 10:45:00 AM	477900.000	69.892
16.813	157.438	37787.617
44792.129	30458.650	29.105
26.464	1.021	
11/21/2016 11:00:00 AM	478800.000	69.872
16.808	157.393	37804.289
44816.438	30475.180	29.123
26.452	1.021	
11/21/2016 11:15:00 AM	479700.000	69.892
16.810	157.439	37811.445
44823.410	30479.922	29.128
26.447	1.021	
11/21/2016 11:30:00 AM	480600.000	69.891
16.803	157.436	37804.969
44822.414	30479.244	29.127
26.452	1.021	
11/21/2016 11:45:00 AM	481500.000	69.870
16.806	157.390	37780.617
44790.602	30457.611	29.104
26.469	1.021	
11/21/2016 12:00:00 PM	482400.000	69.892
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44819.438	30477.221	29.124
26.456	1.021	
11/21/2016 12:15:00 PM	483300.000	69.875
16.802	157.401	37811.996
44832.172	30485.879	29.134
26.447	1.021	
11/21/2016 12:30:00 PM	484200.000	69.888
16.803	157.430	37805.461
44822.996	30479.639	29.127
26.451	1.021	
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16.802	157.424	37782.594
44797.125	30462.045	29.108
26.467	1.021	
11/21/2016 1:00:00 PM	486000.000	69.889
16.798	157.431	37772.145
44788.836	30456.410	29.102
26.475	1.021	
11/21/2016 1:15:00 PM	486900.000	69.887
16.801	157.426	37801.426
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26.454	1.021	
11/21/2016 1:30:00 PM	487800.000	69.872
16.805	157.393	37822.672
44841.527	30492.238	29.140
26.439	1.021	
11/21/2016 1:45:00 PM	488700.000	69.885
16.806	157.422	37810.488
44825.930	30481.635	29.129
26.448	1.021	
11/21/2016 2:00:00 PM	489600.000	69.884
16.804	157.420	37795.414
44810.109	30470.877	29.118
26.458	1.021	

11/21/2016 2:15:00 PM	490500.000	69.889
16.802	157.432	37805.027
44823.813	30480.193	29.128
26.452	1.021	
11/21/2016 2:30:00 PM	491400.000	69.889
16.805	157.431	37830.223
44850.656	30498.449	29.147
26.434	1.021	
11/21/2016 2:45:00 PM	492300.000	69.888
16.803	157.429	37823.711
44844.992	30494.596	29.143
26.438	1.021	
11/21/2016 3:00:00 PM	493200.000	69.890
16.808	157.434	37805.234
44817.387	30475.826	29.123
26.451	1.021	
11/21/2016 3:15:00 PM	494100.000	69.872
16.806	157.393	37795.840
44808.199	30469.578	29.116
26.458	1.021	
11/21/2016 3:30:00 PM	495000.000	69.889
16.810	157.431	37815.500
44828.129	30483.129	29.131
26.444	1.021	
11/21/2016 3:45:00 PM	495900.000	69.890
16.810	157.433	37819.207
44832.340	30485.994	29.134
26.442	1.021	
11/21/2016 4:00:00 PM	496800.000	69.895
16.817	157.445	37826.441
44834.063	30487.164	29.136
26.437	1.021	
11/21/2016 4:15:00 PM	497700.000	69.879
16.811	157.410	37809.352
44819.238	30477.084	29.125
26.448	1.021	
11/21/2016 4:30:00 PM	498600.000	69.894
16.808	157.442	37803.195
44815.500	30474.543	29.122
26.453	1.021	
11/21/2016 4:45:00 PM	499500.000	69.897
16.809	157.449	37811.176
44823.617	30480.063	29.128
26.447	1.021	
11/21/2016 5:00:00 PM	500400.000	69.897
16.819	157.449	37798.215
44798.199	30462.775	29.110
26.456	1.021	
11/21/2016 5:15:00 PM	501300.000	69.881
16.810	157.414	37760.734
44762.590	30438.563	29.084
26.483	1.021	
11/21/2016 5:30:00 PM	502200.000	69.900
16.812	157.457	37816.020
44826.516	30482.033	29.130
26.444	1.021	
11/21/2016 5:45:00 PM	503100.000	69.901

16.811	157.459	37792.246
44799.395	30463.588	29.110
26.460	1.021	
11/21/2016 6:00:00 PM	504000.000	69.885
16.821	157.423	37837.559
44843.141	30493.338	29.143
26.429	1.021	
11/21/2016 6:15:00 PM	504900.000	69.885
16.801	157.423	37802.086
44821.402	30478.557	29.126
26.454	1.021	
11/21/2016 6:30:00 PM	505800.000	69.884
16.804	157.420	37793.027
44807.637	30469.195	29.116
26.460	1.021	
11/21/2016 6:45:00 PM	506700.000	69.885
16.812	157.422	37830.539
44843.813	30493.793	29.143
26.434	1.021	
11/21/2016 7:00:00 PM	507600.000	69.901
16.813	157.458	37801.973
44809.145	30470.221	29.118
26.454	1.021	
11/21/2016 7:15:00 PM	508500.000	69.900
16.806	157.456	37816.617
44833.281	30486.631	29.135
26.443	1.021	
11/21/2016 7:30:00 PM	509400.000	69.898
16.810	157.452	37806.785
44817.977	30476.227	29.124
26.450	1.021	
11/21/2016 7:45:00 PM	510300.000	69.896
16.809	157.448	37804.133
44815.012	30474.211	29.122
26.452	1.021	
11/21/2016 8:00:00 PM	511200.000	69.894
16.813	157.444	37806.078
44813.223	30472.994	29.121
26.451	1.021	
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16.812	157.403	37796.477
44803.801	30466.586	29.114
26.457	1.021	
11/21/2016 8:30:00 PM	513000.000	69.891
16.806	157.435	37795.770
44808.930	30470.074	29.117
26.458	1.021	
11/21/2016 8:45:00 PM	513900.000	69.883
16.798	157.418	37824.309
44850.867	30498.590	29.147
26.438	1.021	
11/21/2016 9:00:00 PM	514800.000	69.868
16.802	157.384	37805.563
44823.820	30480.197	29.128
26.451	1.021	
11/21/2016 9:15:00 PM	515700.000	69.865
16.806	157.378	37814.691

44830.734	30484.902	29.133
26.445	1.021	
11/21/2016 9:30:00 PM	516600.000	69.863
16.811	157.372	37800.395
44809.148	30470.223	29.117
26.455	1.021	
11/21/2016 9:45:00 PM	517500.000	69.878
16.808	157.407	37802.059
44813.707	30473.322	29.121
26.454	1.021	
11/21/2016 10:00:00 PM	518400.000	69.856
16.801	157.358	37772.688
44786.000	30454.480	29.100
26.474	1.021	
11/21/2016 10:15:00 PM	519300.000	69.864
16.801	157.376	37815.508
44837.316	30489.377	29.137
26.444	1.021	
11/21/2016 10:30:00 PM	520200.000	69.861
16.819	157.370	37810.441
44812.773	30472.688	29.121
26.448	1.021	
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16.810	157.370	37812.707
44824.820	30480.881	29.129
26.446	1.021	
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16.804	157.357	37794.520
44808.777	30469.971	29.117
26.459	1.021	
11/21/2016 11:15:00 PM	522900.000	69.837
16.806	157.315	37810.426
44826.383	30481.943	29.130
26.448	1.021	
11/21/2016 11:30:00 PM	523800.000	69.844
16.801	157.331	37795.699
44813.563	30473.225	29.120
26.458	1.021	
11/21/2016 11:45:00 PM	524700.000	69.845
16.812	157.332	37810.961
44819.984	30477.590	29.125
26.447	1.021	
11/22/2016 12:00:00 AM	525600.000	69.840
16.819	157.322	37814.824
44817.535	30475.926	29.124
26.445	1.021	
11/22/2016 12:15:00 AM	526500.000	69.825
16.801	157.287	37796.191
44813.965	30473.498	29.120
26.458	1.021	
11/22/2016 12:30:00 AM	527400.000	69.824
16.813	157.284	37797.168
44803.371	30466.295	29.113
26.457	1.021	
11/22/2016 12:45:00 AM	528300.000	69.834
16.803	157.307	37756.727
44765.125	30440.287	29.085

26.485	1.021	
11/22/2016 1:00:00 AM	529200.000	69.818
16.813	157.271	37811.367
44820.102	30477.670	29.125
26.447	1.021	
11/22/2016 1:15:00 AM	530100.000	69.829
16.812	157.297	37810.551
44820.387	30477.865	29.126
26.448	1.021	
11/22/2016 1:30:00 AM	531000.000	69.829
16.808	157.296	37845.859
44866.344	30509.115	29.159
26.423	1.021	
11/22/2016 1:45:00 AM	531900.000	69.824
16.804	157.286	37824.734
44845.129	30494.688	29.143
26.438	1.021	
11/22/2016 2:00:00 AM	532800.000	69.823
16.806	157.282	37802.938
44817.242	30475.725	29.123
26.453	1.021	
11/22/2016 2:15:00 AM	533700.000	69.825
16.801	157.288	37782.406
44797.621	30462.385	29.109
26.467	1.021	
11/22/2016 2:30:00 AM	534600.000	69.826
16.814	157.290	37834.277
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26.431	1.021	
11/22/2016 2:45:00 AM	535500.000	69.824
16.811	157.286	37802.191
44810.844	30471.377	29.119
26.453	1.021	
11/22/2016 3:00:00 AM	536400.000	69.827
16.805	157.291	37814.332
44831.191	30485.213	29.133
26.445	1.021	
11/22/2016 3:15:00 AM	537300.000	69.830
16.810	157.298	37810.875
44822.734	30479.459	29.127
26.447	1.021	
11/22/2016 3:30:00 AM	538200.000	69.831
16.811	157.300	37798.094
44806.070	30468.131	29.115
26.456	1.021	
11/22/2016 3:45:00 AM	539100.000	69.813
16.809	157.260	37815.613
44828.875	30483.637	29.132
26.444	1.021	
11/22/2016 4:00:00 AM	540000.000	69.831
16.812	157.301	37808.941
44817.590	30475.961	29.124
26.449	1.021	
11/22/2016 4:15:00 AM	540900.000	69.834
16.812	157.307	37784.887
44790.063	30457.242	29.104
26.466	1.021	

11/22/2016 4:30:00 AM	541800.000	69.834
16.815	157.307	37816.750
44824.000	30480.322	29.128
26.443	1.021	
11/22/2016 4:45:00 AM	542700.000	69.824
16.811	157.286	37810.059
44820.434	30477.896	29.126
26.448	1.021	
11/22/2016 5:00:00 AM	543600.000	69.824
16.806	157.284	37814.816
44831.586	30485.479	29.133
26.445	1.021	
11/22/2016 5:15:00 AM	544500.000	69.847
16.808	157.337	37818.848
44833.523	30486.799	29.135
26.442	1.021	
11/22/2016 5:30:00 AM	545400.000	69.851
16.810	157.346	37825.043
44838.723	30490.334	29.139
26.438	1.021	
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16.818	157.347	37824.961
44830.797	30484.943	29.133
26.438	1.021	
11/22/2016 6:00:00 AM	547200.000	69.837
16.812	157.316	37819.648
44830.723	30484.895	29.133
26.441	1.021	
11/22/2016 6:15:00 AM	548100.000	69.857
16.815	157.359	37841.504
44854.043	30500.752	29.150
26.426	1.021	
11/22/2016 6:30:00 AM	549000.000	69.860
16.813	157.366	37823.098
44834.285	30487.316	29.136
26.439	1.021	
11/22/2016 6:45:00 AM	549900.000	69.865
16.808	157.377	37823.145
44839.051	30490.557	29.139
26.439	1.021	
11/22/2016 7:00:00 AM	550800.000	69.871
16.802	157.391	37822.383
44843.945	30493.885	29.142
26.439	1.021	
11/22/2016 7:15:00 AM	551700.000	69.875
16.814	157.401	37824.328
44833.785	30486.977	29.135
26.438	1.021	
11/22/2016 7:30:00 AM	552600.000	69.864
16.802	157.375	37823.082
44845.402	30494.875	29.143
26.439	1.021	
11/22/2016 7:45:00 AM	553500.000	69.878
16.807	157.407	37793.156
44804.219	30466.871	29.114
26.460	1.021	
11/22/2016 8:00:00 AM	554400.000	69.879

16.813	157.409	37824.320
44835.016	30487.813	29.136
26.438	1.021	
11/22/2016 8:15:00 AM	555300.000	69.884
16.806	157.419	37820.934
44838.840	30490.414	29.139
26.440	1.021	
11/22/2016 8:30:00 AM	556200.000	69.884
16.809	157.420	37805.195
44817.168	30475.676	29.123
26.451	1.021	
11/22/2016 8:45:00 AM	557100.000	69.889
16.810	157.432	37798.156
44806.949	30468.727	29.116
26.456	1.021	
11/22/2016 9:00:00 AM	558000.000	69.890
16.811	157.434	37802.758
44812.043	30472.191	29.120
26.453	1.021	
11/22/2016 9:15:00 AM	558900.000	69.895
16.805	157.445	37799.887
44814.777	30474.051	29.121
26.455	1.021	
11/22/2016 9:30:00 AM	559800.000	69.874
16.811	157.398	37803.816
44813.297	30473.045	29.120
26.452	1.021	
11/22/2016 9:45:00 AM	560700.000	69.875
16.804	157.400	37805.918
44822.113	30479.039	29.126
26.451	1.021	
11/22/2016 10:00:00 AM	561600.000	69.888
16.810	157.430	37842.418
44860.125	30504.887	29.154
26.425	1.021	
11/22/2016 10:15:00 AM	562500.000	69.892
16.815	157.438	37816.395
44823.656	30480.088	29.128
26.444	1.021	
11/22/2016 10:30:00 AM	563400.000	69.894
16.801	157.444	37799.355
44817.453	30475.871	29.123
26.455	1.021	
11/22/2016 10:45:00 AM	564300.000	69.891
16.810	157.436	37798.539
44807.402	30469.035	29.116
26.456	1.021	
11/22/2016 11:00:00 AM	565200.000	69.890
16.811	157.434	37806.922
44817.063	30475.605	29.123
26.450	1.021	
11/22/2016 11:15:00 AM	566100.000	69.888
16.807	157.429	37780.094
44789.355	30456.762	29.103
26.469	1.021	
11/22/2016 11:30:00 AM	567000.000	69.886
16.816	157.425	37814.195

44819.996	30477.598	29.126
26.445	1.021	
11/22/2016 11:45:00 AM	567900.000	69.873
16.803	157.397	37825.102
44846.191	30495.410	29.144
26.437	1.021	
11/22/2016 12:00:00 PM	568800.000	69.871
16.808	157.391	37795.574
44806.730	30468.578	29.115
26.458	1.021	
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16.806	157.385	37820.242
44837.223	30489.313	29.137
26.441	1.021	
11/22/2016 12:30:00 PM	570600.000	69.868
16.804	157.385	37793.918
44808.148	30469.541	29.116
26.459	1.021	
11/22/2016 12:45:00 PM	571500.000	69.868
16.803	157.385	37816.363
44836.180	30488.604	29.136
26.444	1.021	
11/22/2016 1:00:00 PM	572400.000	69.859
16.808	157.365	37822.777
44838.445	30490.145	29.138
26.439	1.021	
11/22/2016 1:15:00 PM	573300.000	69.862
16.815	157.371	37821.352
44830.082	30484.459	29.133
26.440	1.021	
11/22/2016 1:30:00 PM	574200.000	69.875
16.810	157.401	37797.043
44805.531	30467.764	29.115
26.457	1.021	
11/22/2016 1:45:00 PM	575100.000	69.871
16.808	157.390	37824.512
44840.238	30491.365	29.140
26.438	1.021	
11/22/2016 2:00:00 PM	576000.000	69.873
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44805.719	30467.891	29.115
26.460	1.021	
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16.809	157.387	37800.043
44810.691	30471.271	29.118
26.455	1.021	
11/22/2016 2:30:00 PM	577800.000	69.854
16.815	157.354	37801.012
44806.047	30468.113	29.115
26.454	1.021	
11/22/2016 2:45:00 PM	578700.000	69.867
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44822.973	30479.621	29.127
26.448	1.021	
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16.810	157.355	37796.695
44805.121	30467.484	29.115

26.457	1.021	
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26.442	1.021	
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16.819	157.355	37819.016
44822.672	30479.420	29.128
26.442	1.021	
11/22/2016 3:45:00 PM	582300.000	69.853
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44805.242	30467.566	29.114
26.459	1.021	
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26.436	1.021	
11/22/2016 4:15:00 PM	584100.000	69.869
16.813	157.386	37820.777
44830.910	30485.021	29.133
26.440	1.021	
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16.811	157.358	37826.973
44840.305	30491.410	29.140
26.436	1.021	
11/22/2016 4:45:00 PM	585900.000	69.869
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44822.289	30479.158	29.127
26.450	1.021	
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16.803	157.362	37818.828
44838.676	30490.303	29.138
26.442	1.021	
11/22/2016 5:15:00 PM	587700.000	69.871
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44818.035	30476.266	29.124
26.450	1.021	
11/22/2016 5:30:00 PM	588600.000	69.878
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44821.191	30478.410	29.126
26.449	1.021	
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16.800	157.408	37798.832
44817.902	30476.176	29.123
26.456	1.021	
11/22/2016 6:00:00 PM	590400.000	69.877
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44809.480	30470.449	29.118
26.456	1.021	
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16.805	157.368	37824.379
44843.375	30493.498	29.142
26.438	1.021	
11/22/2016 6:30:00 PM	592200.000	69.878
16.805	157.407	37780.090
44790.969	30457.861	29.104
26.469	1.021	

11/22/2016 6:45:00 PM	593100.000	69.867
16.803	157.381	37799.906
44816.668	30475.336	29.122
26.455	1.021	
11/22/2016 7:00:00 PM	594000.000	69.864
16.808	157.375	37813.141
44827.559	30482.742	29.131
26.446	1.021	
11/22/2016 7:15:00 PM	594900.000	69.862
16.806	157.371	37815.418
44831.598	30485.486	29.133
26.444	1.021	
11/22/2016 7:30:00 PM	595800.000	69.870
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44810.066	30470.848	29.118
26.457	1.021	
11/22/2016 7:45:00 PM	596700.000	69.882
16.810	157.417	37832.590
44848.391	30496.908	29.146
26.432	1.021	
11/22/2016 8:00:00 PM	597600.000	69.863
16.809	157.373	37781.289
44788.277	30456.029	29.102
26.468	1.021	
11/22/2016 8:15:00 PM	598500.000	69.882
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44844.211	30494.066	29.143
26.436	1.021	
11/22/2016 8:30:00 PM	599400.000	69.876
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44814.809	30474.072	29.121
26.455	1.021	
11/22/2016 8:45:00 PM	600300.000	69.865
16.809	157.378	37819.555
44833.379	30486.697	29.135
26.441	1.021	
11/22/2016 9:00:00 PM	601200.000	69.881
16.810	157.415	37797.855
44806.496	30468.420	29.115
26.457	1.021	
11/22/2016 9:15:00 PM	602100.000	69.866
16.809	157.380	37810.387
44823.141	30479.738	29.127
26.448	1.021	
11/22/2016 9:30:00 PM	603000.000	69.861
16.806	157.368	37813.215
44829.164	30483.834	29.132
26.446	1.021	
11/22/2016 9:45:00 PM	603900.000	69.862
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44848.906	30497.258	29.145
26.438	1.021	
11/22/2016 10:00:00 PM	604800.000	69.872
16.806	157.394	37792.313
44804.832	30467.287	29.114
26.460	1.021	
11/22/2016 10:15:00 PM	605700.000	69.867

16.808	157.382	37805.414
44817.770	30476.086	29.124
26.451	1.021	
11/22/2016 10:30:00 PM	606600.000	69.867
16.806	157.383	37796.672
44810.074	30470.854	29.118
26.457	1.021	
11/22/2016 10:45:00 PM	607500.000	69.869
16.805	157.387	37802.000
44816.570	30475.270	29.122
26.454	1.021	
11/22/2016 11:00:00 PM	608400.000	69.845
16.802	157.332	37823.270
44845.715	30495.086	29.143
26.439	1.021	
11/22/2016 11:15:00 PM	609300.000	69.857
16.809	157.360	37811.484
44824.625	30480.748	29.128
26.447	1.021	
11/22/2016 11:30:00 PM	610200.000	69.842
16.807	157.326	37801.758
44815.039	30474.229	29.121
26.454	1.021	
11/22/2016 11:45:00 PM	611100.000	69.838
16.815	157.317	37835.945
44847.285	30496.156	29.145
26.430	1.021	
11/23/2016 12:00:00 AM	612000.000	69.852
16.808	157.348	37814.441
44828.922	30483.670	29.132
26.445	1.021	
11/23/2016 12:15:00 AM	612900.000	69.847
16.810	157.336	37813.262
44825.203	30481.141	29.129
26.446	1.021	
11/23/2016 12:30:00 AM	613800.000	69.841
16.813	157.324	37790.441
44794.773	30460.447	29.107
26.462	1.021	
11/23/2016 12:45:00 AM	614700.000	69.843
16.813	157.328	37807.977
44816.082	30474.938	29.123
26.449	1.021	
11/23/2016 1:00:00 AM	615600.000	69.837
16.811	157.315	37805.801
44815.031	30474.223	29.122
26.451	1.021	
11/23/2016 1:15:00 AM	616500.000	69.837
16.804	157.314	37802.344
44818.141	30476.338	29.124
26.453	1.021	
11/23/2016 1:30:00 AM	617400.000	69.835
16.808	157.311	37804.695
44817.012	30475.570	29.123
26.452	1.021	
11/23/2016 1:45:00 AM	618300.000	69.835
16.811	157.311	37801.652

44810.734	30471.301	29.119
26.454	1.021	
11/23/2016 2:00:00 AM	619200.000	69.831
16.815	157.301	37810.688
44817.168	30475.676	29.123
26.448	1.021	
11/23/2016 2:15:00 AM	620100.000	69.830
16.813	157.299	37827.281
44838.891	30490.445	29.139
26.436	1.021	
11/23/2016 2:30:00 AM	621000.000	69.809
16.810	157.252	37837.012
44853.359	30500.285	29.149
26.429	1.021	
11/23/2016 2:45:00 AM	621900.000	69.832
16.808	157.303	37787.902
44797.637	30462.395	29.109
26.463	1.021	
11/23/2016 3:00:00 AM	622800.000	69.828
16.804	157.294	37811.883
44829.543	30484.090	29.132
26.447	1.021	
11/23/2016 3:15:00 AM	623700.000	69.812
16.808	157.259	37823.809
44839.309	30490.732	29.139
26.438	1.021	
11/23/2016 3:30:00 AM	624600.000	69.825
16.815	157.288	37822.547
44831.500	30485.422	29.134
26.439	1.021	
11/23/2016 3:45:00 AM	625500.000	69.809
16.809	157.252	37798.285
44808.168	30469.557	29.117
26.456	1.021	
11/23/2016 4:00:00 AM	626400.000	69.813
16.809	157.260	37817.152
44830.352	30484.641	29.133
26.443	1.021	
11/23/2016 4:15:00 AM	627300.000	69.813
16.810	157.261	37814.699
44826.641	30482.117	29.130
26.445	1.021	
11/23/2016 4:30:00 AM	628200.000	69.830
16.807	157.298	37816.777
44832.758	30486.277	29.134
26.443	1.021	
11/23/2016 4:45:00 AM	629100.000	69.813
16.812	157.261	37806.473
44815.555	30474.578	29.122
26.450	1.021	
11/23/2016 5:00:00 AM	630000.000	69.837
16.813	157.315	37816.719
44826.191	30481.813	29.130
26.443	1.021	
11/23/2016 5:15:00 AM	630900.000	69.836
16.814	157.312	37810.770
44818.512	30476.590	29.124

26.447	1.021	
11/23/2016 5:30:00 AM	631800.000	69.841
16.817	157.324	37814.164
44819.602	30477.332	29.125
26.445	1.021	
11/23/2016 5:45:00 AM	632700.000	69.841
16.814	157.324	37806.520
44813.559	30473.223	29.121
26.450	1.021	
11/23/2016 6:00:00 AM	633600.000	69.848
16.815	157.340	37822.520
44831.543	30485.451	29.134
26.439	1.021	
11/23/2016 6:15:00 AM	634500.000	69.844
16.812	157.330	37816.297
44827.199	30482.498	29.131
26.444	1.021	
11/23/2016 6:30:00 AM	635400.000	69.857
16.815	157.359	37806.645
44812.648	30472.604	29.120
26.450	1.021	
11/23/2016 6:45:00 AM	636300.000	69.841
16.808	157.324	37793.680
44803.859	30466.627	29.113
26.459	1.021	
11/23/2016 7:00:00 AM	637200.000	69.859
16.811	157.364	37831.586
44845.598	30495.006	29.144
26.433	1.021	
11/23/2016 7:15:00 AM	638100.000	69.860
16.811	157.367	37803.930
44813.617	30473.262	29.121
26.452	1.021	
11/23/2016 7:30:00 AM	639000.000	69.870
16.812	157.388	37808.754
44818.168	30476.357	29.124
26.449	1.021	
11/23/2016 7:45:00 AM	639900.000	69.867
16.815	157.382	37807.617
44813.004	30472.846	29.120
26.450	1.021	
11/23/2016 8:00:00 AM	640800.000	69.869
16.812	157.387	37821.035
44832.547	30486.133	29.134
26.440	1.021	
11/23/2016 8:15:00 AM	641700.000	69.857
16.803	157.361	37800.797
44817.637	30475.996	29.123
26.454	1.021	
11/23/2016 8:30:00 AM	642600.000	69.877
16.807	157.404	37790.086
44800.664	30464.453	29.111
26.462	1.021	
11/23/2016 8:45:00 AM	643500.000	69.881
16.807	157.415	37827.801
44845.828	30495.164	29.144
26.436	1.021	

11/23/2016 9:00:00 AM	644400.000	69.874
16.810	157.397	37806.063
44816.941	30475.521	29.123
26.451	1.021	
11/23/2016 9:15:00 AM	645300.000	69.864
16.810	157.375	37824.609
44839.105	30490.594	29.139
26.438	1.021	
11/23/2016 9:30:00 AM	646200.000	69.868
16.813	157.385	37816.609
44826.418	30481.967	29.130
26.443	1.021	
11/23/2016 9:45:00 AM	647100.000	69.884
16.812	157.419	37828.039
44840.313	30491.414	29.140
26.435	1.021	
11/23/2016 10:00:00 AM	648000.000	69.882
16.813	157.417	37828.520
44840.359	30491.447	29.140
26.435	1.021	
11/23/2016 10:15:00 AM	648900.000	69.887
16.812	157.427	37804.164
44812.465	30472.479	29.120
26.452	1.021	
11/23/2016 10:30:00 AM	649800.000	69.886
16.810	157.425	37793.195
44801.867	30465.271	29.112
26.460	1.021	
11/23/2016 10:45:00 AM	650700.000	69.882
16.816	157.415	37802.172
44806.094	30468.145	29.116
26.454	1.021	
11/23/2016 11:00:00 AM	651600.000	69.879
16.813	157.410	37826.379
44837.371	30489.414	29.138
26.437	1.021	
11/23/2016 11:15:00 AM	652500.000	69.884
16.804	157.419	37818.547
44837.973	30489.824	29.138
26.442	1.021	
11/23/2016 11:30:00 AM	653400.000	69.867
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44850.691	30498.473	29.147
26.432	1.021	
11/23/2016 11:45:00 AM	654300.000	69.877
16.810	157.406	37792.109
44799.859	30463.906	29.111
26.461	1.021	
11/23/2016 12:00:00 PM	655200.000	69.868
16.806	157.384	37805.016
44819.527	30477.281	29.125
26.452	1.021	
11/23/2016 12:15:00 PM	656100.000	69.872
16.804	157.393	37795.086
44809.723	30470.613	29.117
26.458	1.021	
11/23/2016 12:30:00 PM	657000.000	69.855

16.810	157.356	37833.512
44848.941	30497.281	29.146
26.432	1.021	
11/23/2016 12:45:00 PM	657900.000	69.871
16.806	157.391	37790.461
44802.711	30465.846	29.112
26.462	1.021	
11/23/2016 1:00:00 PM	658800.000	69.869
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44836.883	30489.082	29.137
26.443	1.021	
11/23/2016 1:15:00 PM	659700.000	69.863
16.813	157.373	37833.344
44845.992	30495.277	29.144
26.432	1.021	
11/23/2016 1:30:00 PM	660600.000	69.859
16.810	157.364	37804.160
44814.688	30473.990	29.121
26.452	1.021	
11/23/2016 1:45:00 PM	661500.000	69.861
16.800	157.369	37813.254
44834.902	30487.736	29.135
26.446	1.021	
11/23/2016 2:00:00 PM	662400.000	69.858
16.809	157.363	37792.203
44801.496	30465.020	29.112
26.460	1.021	
11/23/2016 2:15:00 PM	663300.000	69.854
16.806	157.354	37812.422
44828.223	30483.193	29.131
26.446	1.021	
11/23/2016 2:30:00 PM	664200.000	69.856
16.802	157.357	37804.496
44823.094	30479.703	29.127
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11/23/2016 2:45:00 PM	665100.000	69.834
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44842.266	30492.742	29.141
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16.803	157.305	37807.734
44825.691	30481.473	29.129
26.450	1.021	
11/23/2016 3:15:00 PM	666900.000	69.850
16.811	157.344	37794.793
44802.074	30465.412	29.112
26.459	1.021	
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16.809	157.335	37802.160
44813.387	30473.104	29.120
26.454	1.021	
11/23/2016 3:45:00 PM	668700.000	69.828
16.808	157.294	37801.652
44813.574	30473.232	29.120
26.454	1.021	
11/23/2016 4:00:00 PM	669600.000	69.833
16.801	157.306	37807.176

44827.168	30482.475	29.130
26.450	1.021	
11/23/2016 4:15:00 PM	670500.000	69.840
16.809	157.322	37820.559
44834.570	30487.508	29.136
26.441	1.021	
11/23/2016 4:30:00 PM	671400.000	69.845
16.803	157.332	37818.855
44838.605	30490.254	29.138
26.442	1.021	
11/23/2016 4:45:00 PM	672300.000	69.829
16.812	157.296	37802.473
44809.922	30470.748	29.118
26.453	1.021	
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16.799	157.344	37801.098
44821.742	30478.787	29.126
26.454	1.021	
11/23/2016 5:15:00 PM	674100.000	69.834
16.809	157.308	37818.352
44832.664	30486.211	29.134
26.442	1.021	
11/23/2016 5:30:00 PM	675000.000	69.830
16.812	157.299	37799.441
44806.863	30468.670	29.116
26.455	1.021	
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16.804	157.292	37837.070
44860.023	30504.818	29.154
26.429	1.021	
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16.820	157.304	37847.793
44856.430	30502.375	29.152
26.422	1.021	
11/23/2016 6:15:00 PM	677700.000	69.849
16.812	157.341	37832.406
44845.770	30495.125	29.144
26.432	1.021	
11/23/2016 6:30:00 PM	678600.000	69.848
16.804	157.340	37810.883
44828.629	30483.471	29.131
26.447	1.021	
11/23/2016 6:45:00 PM	679500.000	69.840
16.804	157.321	37804.047
44819.895	30477.531	29.125
26.452	1.021	
11/23/2016 7:00:00 PM	680400.000	69.836
16.805	157.312	37806.855
44822.699	30479.438	29.127
26.450	1.021	
11/23/2016 7:15:00 PM	681300.000	69.851
16.809	157.346	37801.770
44812.836	30472.730	29.120
26.454	1.021	
11/23/2016 7:30:00 PM	682200.000	69.840
16.811	157.321	37813.434
44824.781	30480.852	29.129

26.446	1.021	
11/23/2016 7:45:00 PM	683100.000	69.854
16.822	157.354	37808.871
44807.813	30469.314	29.117
26.449	1.021	
11/23/2016 8:00:00 PM	684000.000	69.860
16.807	157.367	37812.031
44826.324	30481.900	29.130
26.447	1.021	
11/23/2016 8:15:00 PM	684900.000	69.859
16.812	157.364	37821.707
44833.438	30486.740	29.135
26.440	1.021	
11/23/2016 8:30:00 PM	685800.000	69.861
16.805	157.369	37794.215
44808.137	30469.533	29.116
26.459	1.021	
11/23/2016 8:45:00 PM	686700.000	69.859
16.812	157.365	37830.133
44842.797	30493.104	29.142
26.434	1.021	
11/23/2016 9:00:00 PM	687600.000	69.857
16.807	157.360	37769.859
44777.059	30448.402	29.094
26.476	1.021	
11/23/2016 9:15:00 PM	688500.000	69.856
16.803	157.358	37798.285
44814.844	30474.094	29.121
26.456	1.021	
11/23/2016 9:30:00 PM	689400.000	69.857
16.809	157.360	37832.625
44849.688	30497.789	29.147
26.432	1.021	
11/23/2016 9:45:00 PM	690300.000	69.856
16.816	157.358	37821.012
44828.340	30483.273	29.132
26.440	1.021	
11/23/2016 10:00:00 PM	691200.000	69.857
16.819	157.359	37828.898
44835.105	30487.873	29.137
26.435	1.021	
11/23/2016 10:15:00 PM	692100.000	69.858
16.821	157.362	37846.402
44853.527	30500.400	29.150
26.423	1.021	
11/23/2016 10:30:00 PM	693000.000	69.859
16.811	157.364	37811.223
44821.813	30478.834	29.127
26.447	1.021	
11/23/2016 10:45:00 PM	693900.000	69.859
16.817	157.364	37822.145
44829.145	30483.820	29.132
26.440	1.021	
11/23/2016 11:00:00 PM	694800.000	69.857
16.808	157.361	37811.383
44825.297	30481.205	29.129
26.447	1.021	

11/23/2016 11:15:00 PM	695700.000	69.854
16.804	157.352	37815.293
44834.035	30487.146	29.135
26.444	1.021	
11/23/2016 11:30:00 PM	696600.000	69.857
16.799	157.360	37811.027
44833.965	30487.098	29.135
26.447	1.021	
11/23/2016 11:45:00 PM	697500.000	69.854
16.800	157.352	37820.426
44843.406	30493.518	29.142
26.441	1.021	

197.3ft		Sensor: PCTD(A) 197.3ft SN#: 427634		Sensor: PCTD(A) 197.3ft SN#: 427634 SN#: 000000		Sensor: PCTD(A) 197.3ft Sensor: Baro-Adj Calc SN#: 427634		Sensor: PCTD(A) 197.3ft SN#: 427634		Sensor: PCTD(A) 197.3ft SN#: 427634		Sensor: PCTD(A) 197.3ft SN#: 427634		Sensor: PCTD(A)					
SN#: 427634		SN#: 427634		SN#: 000000		SN#: 427634		SN#: 427634		SN#: 427634		SN#: 427634		SN#: 427634					
Date and Time (ppt)		Elapsed Time Seconds Resistivity (ohm-cm)		Corrected Pressure (PSI)		Corrected Water Density (g/cm3)		Corrected Temperature (C)		Corrected Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Salinity (PSU)		Total Dissolved Solids	
Resistivity (ohm-cm)		Pressure (PSI)		Water Density (g/cm3)		Temperature (C)		Barometric Pressure (PSI)		Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Salinity (PSU)		Total Dissolved Solids	
11/17/2016 12:00:00 AM	238.036	93600.000	1.001	25.866	14.771	16.910		58.956		4201.038		4968.787		2.691		3.379			
11/17/2016 12:15:00 AM	238.068	94500.000	1.001	25.859	14.775	16.910		58.941		4200.478		4968.183		2.690		3.378			
11/17/2016 12:30:00 AM	238.076	95400.000	1.001	25.865	14.775	16.910		58.953		4200.335		4967.994		2.690		3.378			
11/17/2016 12:45:00 AM	238.030	96300.000	1.001	25.869	14.774	16.910		58.964		4201.144		4968.951		2.691		3.379			
11/17/2016 1:00:00 AM	238.059	97200.000	1.001	25.863	14.770	16.910		58.950		4200.641		4968.306		2.690		3.378			
11/17/2016 1:15:00 AM	238.068	98100.000	1.001	25.864	14.772	16.911		58.951		4200.479		4968.095		2.690		3.378			
11/17/2016 1:30:00 AM	238.102	99000.000	1.001	25.867	14.769	16.910		58.960		4199.878		4967.474		2.690		3.378			
11/17/2016 1:45:00 AM	238.047	99900.000	1.001	25.871	14.770	16.911		58.968		4200.847		4968.530		2.690		3.379			
11/17/2016 2:00:00 AM	238.078	100800.000	1.001	25.862	14.774	16.910		58.947		4200.303		4967.896		2.690		3.378			
11/17/2016 2:15:00 AM	238.080	101700.000	1.001	25.860	14.779	16.910		58.942		4200.269		4967.865		2.690		3.378			
11/17/2016 2:30:00 AM	238.092	102600.000	1.001	25.863	14.774	16.910		58.950		4200.061		4967.631		2.690		3.378			
11/17/2016 2:45:00 AM	238.032	103500.000	1.001	25.871	14.766	16.910		58.969		4201.121		4968.885		2.691		3.379			
11/17/2016 3:00:00 AM	238.066	104400.000	1.001	25.867	14.770	16.911		58.959		4200.524		4968.139		2.690		3.378			
11/17/2016 3:15:00 AM	238.062	105300.000	1.001	25.867	14.775	16.910		58.958		4200.587		4968.232		2.690		3.378			
11/17/2016 3:30:00 AM	238.070	106200.000	1.001	25.864	14.776	16.911		58.951		4200.437		4968.015		2.690		3.378			
11/17/2016 3:45:00 AM	238.068	107100.000	1.001	25.867	14.771	16.910		58.960		4200.484		4968.191		2.690		3.378			
11/17/2016 4:00:00 AM	238.080	108000.000	1.001	25.872	14.767	16.910		58.970		4200.271		4967.858		2.690		3.378			
11/17/2016 4:15:00 AM		108900.000		25.865		16.910		58.954		4200.384		4968.061		2.690		3.378			

238.073	1.001	14.773					
11/17/2016 4:30:00 AM	109800.000	25.859	16.910	58.941	4200.336	4967.936	2.690
238.076	1.001	14.777					3.378
11/17/2016 4:45:00 AM	110700.000	25.859	16.910	58.940	4200.834	4968.625	2.690
238.048	1.001	14.781					3.379
11/17/2016 5:00:00 AM	111600.000	25.862	16.911	58.947	4200.516	4968.138	2.690
238.066	1.001	14.780					3.378
11/17/2016 5:15:00 AM	112500.000	25.869	16.910	58.964	4200.863	4968.579	2.690
238.046	1.001	14.777					3.379
11/17/2016 5:30:00 AM	113400.000	25.866	16.910	58.956	4200.676	4968.386	2.690
238.057	1.001	14.780					3.379
11/17/2016 5:45:00 AM	114300.000	25.864	16.910	58.952	4200.008	4967.577	2.690
238.095	1.001	14.781					3.378
11/17/2016 6:00:00 AM	115200.000	25.871	16.911	58.967	4200.192	4967.745	2.690
238.084	1.001	14.775					3.378
11/17/2016 6:15:00 AM	116100.000	25.865	16.910	58.954	4199.356	4966.786	2.689
238.132	1.001	14.780					3.377
11/17/2016 6:30:00 AM	117000.000	25.867	16.910	58.960	4199.547	4967.052	2.690
238.121	1.001	14.781					3.378
11/17/2016 6:45:00 AM	117900.000	25.860	16.910	58.944	4200.155	4967.770	2.690
238.086	1.001	14.786					3.378
11/17/2016 7:00:00 AM	118800.000	25.871	16.910	58.967	4199.700	4967.184	2.690
238.112	1.001	14.782					3.378
11/17/2016 7:15:00 AM	119700.000	25.864	16.910	58.951	4199.748	4967.280	2.690
238.110	1.001	14.790					3.378
11/17/2016 7:30:00 AM	120600.000	25.858	16.910	58.938	4199.396	4966.833	2.689
238.129	1.001	14.792					3.377
11/17/2016 7:45:00 AM	121500.000	25.865	16.910	58.953	4199.724	4967.211	2.690
238.111	1.001	14.789					3.378
11/17/2016 8:00:00 AM	122400.000	25.863	16.910	58.950	4199.078	4966.516	2.689
238.148	1.001	14.795					3.377
11/17/2016 8:15:00 AM	123300.000	25.850	16.910	58.920	4199.204	4966.606	2.689
238.140	1.001	14.805					3.377
11/17/2016 8:30:00 AM	124200.000	25.858	16.911	58.938	4198.158	4965.310	2.689
238.200	1.001	14.801					3.376
11/17/2016 8:45:00 AM	125100.000	25.875	16.911	58.978	4197.724	4964.777	2.688
238.224	1.001	14.790					3.376
11/17/2016 9:00:00 AM	126000.000	25.867	16.911	58.959	4197.837	4964.969	2.688
238.218	1.001	14.794					3.376
11/17/2016 9:15:00 AM	126900.000	25.851	16.911	58.921	4198.209	4965.370	2.689
238.197	1.001	14.803					3.376
11/17/2016 9:30:00 AM	127800.000	25.866	16.910	58.956	4198.362	4965.630	2.689
238.188	1.001	14.793					3.377
11/17/2016 9:45:00 AM	128700.000	25.867	16.911	58.959	4197.556	4964.579	2.688
238.234	1.001	14.791					3.376
11/17/2016 10:00:00 AM	129600.000	25.868	16.911	58.962	4198.413	4965.611	2.689
238.185	1.001	14.789					3.377
11/17/2016 10:15:00 AM	130500.000	25.864	16.911	58.951	4198.781	4966.046	2.689
238.164	1.001	14.788					3.377
11/17/2016 10:30:00 AM	131400.000	25.866	16.911	58.957	4198.777	4966.072	2.689
238.165	1.001	14.786					3.377
11/17/2016 10:45:00 AM	132300.000	25.863	16.910	58.949	4198.971	4966.350	2.689
238.154	1.001	14.791					3.377
11/17/2016 11:00:00 AM	133200.000	25.860	16.910	58.943	4198.945	4966.311	2.689
238.155	1.001	14.791					3.377
11/17/2016 11:15:00 AM	134100.000	25.862	16.910	58.948	4199.691	4967.222	2.690
238.113	1.001	14.788					3.378
11/17/2016 11:30:00 AM	135000.000	25.864	16.911	58.951	4198.889	4966.213	2.689
238.158	1.001	14.785					3.377
11/17/2016 11:45:00 AM	135900.000	25.863	16.910	58.950	4200.126	4967.696	2.690
238.088	1.001	14.783					3.378
11/17/2016 12:00:00 PM	136800.000	25.860	16.911	58.944	4199.695	4967.167	2.690
238.113	1.001	14.781					3.378
11/17/2016 12:15:00 PM	137700.000	25.872	16.910	58.969	4200.099	4967.675	2.690
238.090	1.001	14.770					3.378
11/17/2016 12:30:00 PM	138600.000	25.874	16.910	58.975	4200.121	4967.760	2.690
238.088	1.001	14.770					3.378
11/17/2016 12:45:00 PM	139500.000	25.867	16.910	58.958	4200.335	4967.994	2.690
238.076	1.001	14.775					3.378
11/17/2016 1:00:00 PM	140400.000	25.868	16.910	58.961	4199.858	4967.431	2.690
238.103	1.001	14.769					3.378
11/17/2016 1:15:00 PM	141300.000	25.874	16.910	58.974	4201.049	4968.847	2.691
238.036	1.001	14.759					3.379
11/17/2016 1:30:00 PM	142200.000	25.862	16.910	58.948	4201.150	4968.898	2.691
238.030	1.001	14.764					3.379
11/17/2016 1:45:00 PM	143100.000	25.869	16.910	58.963	4201.025	4968.838	2.691
238.037	1.001	14.758					3.379
11/17/2016 2:00:00 PM	144000.000	25.865	16.910	58.954	4200.846	4968.626	2.690
238.047	1.001	14.763					3.379
11/17/2016 2:15:00 PM	144900.000	25.869	16.910	58.963	4201.860	4969.798	2.691
237.990	1.001	14.763					3.379
11/17/2016 2:30:00 PM	145800.000	25.872	16.910	58.971	4201.288	4969.122	2.691
238.022	1.001	14.752					3.380
11/17/2016 2:45:00 PM	146700.000	25.873	16.910	58.972	4202.622	4970.708	2.692
237.947	1.001	14.752					3.379
11/17/2016 3:00:00 PM	147600.000	25.871	16.910	58.967	4202.284	4970.269	2.691
237.866	1.001	14.756					3.380
11/17/2016 3:15:00 PM	148500.000	25.877	16.910	58.982	4202.077	4970.023	2.691
237.978	1.001	14.749					3.380
11/17/2016 3:30:00 PM	149400.000	25.876	16.911	58.980	4203.453	4971.611	2.692
237.900	1.001	14.751					3.381
11/17/2016 3:45:00 PM	150300.000	25.859	16.909	58.941	4203.206	4971.448	2.692
237.914	1.001	14.761					3.381
11/17/2016 4:00:00 PM	151200.000	25.864	16.908	58.952	4203.225	4971.588	2.692
237.913	1.001	14.756					3.381
11/17/2016 4:15:00 PM	152100.000	25.869	16.908	58.963	4202.768	4971.038	2.692
237.938	1.001	14.750					3.380
11/17/2016 4:30:00 PM	153000.000	25.871	16.908	58.967	4203.101	4971.462	2.692
237.920	1.001	14.748					3.381
11/17/2016 4:45:00 PM	153900.000	25.871	16.908	58.968	4202.459	4970.762	2.692
237.956	1.001	14.747					3.380
11/17/2016 5:00:00 PM	154800.000	25.867	16.908	58.958	4202.557	4970.867	2.692
237.950	1.001	14.751					3.380
11/17/2016 5:15:00 PM	155700.000	25.864	16.909	58.952	4202.966	4971.263	2.692
237.927	1.001	14.755					3.380
11/17/2016 5:30:00 PM	156600.000	25.866	16.908	58.956	4202.960	4971.276	2.692
237.928	1.001	14.754					3.380
11/17/2016 5:45:00 PM	157500.000	25.868	16.908	58.962	4202.841	4971.174	2.692
237.934	1.001	14.754					3.380
11/17/2016 6:00:00 PM	158400.000	25.867	16.908	58.959	4202.687	4970.981	2.692
237.943	1.001	14.749					3.380
11/17/2016 6:15:00 PM	159300.000	25.862	16.908	58.947	4203.069	4971.424	2.692
237.921	1.001	14.757					3.381
11/17/2016 6:30:00 PM	160200.000	25.865	16.908	58.955	4203.124	4971.489	2.692
237.918	1.001	14.756					3.381
11/17/2016 6:45:00 PM	161100.000	25.859	16.908	58.941	4202.530	4970.796	2.692
237.952	1.001	14.760					3.380
11/17/2016 7:00:00 PM	162000.000	25.866	16.908	58.957	4201.980	4970.106	2.691
237.983	1.001	14.758					3.380
11/17/2016 7:15:00 PM	162900.000	25.863	16.908	58.950	4202.337	4970.539	2.692
237.963	1.001	14.756					3.380
11/17/2016 7:30:00 PM	163800.000	25.871	16.908	58.968	4201.569	4969.630	2.691
238.006	1.001	14.754					3.379
11/17/2016 7:45:00 PM	164700.000	25.859	16.908	58.940	4201.983	4970.159	2.691
237.983	1.001	14.763					3.380
11/17/2016 8:00:00 PM	165600.000	25.862	16.908	58.947	4201.426	4969.490	2.691
238.014	1.001	14.760					3.379
11/17/2016 8:15:00 PM	166500.000	25.874	16.908	58.975	4201.591	4969.686	2.691
238.005	1.001	14.746					3.379
11/17/2016 8:30:00 PM	167400.000	25.859	16.909	58.940	4201.129	4969.081	2.691
238.031	1.001	14.758					3.379
11/17/2016 8:45:00 PM	168300.000	25.867	16.908	58.958	4201.650	4969.766	2.691
238.002	1.001	14.755					3.379

11/17/2016 9:00:00 PM	169200.000	25.863	16.908	58.950	4201.774	4969.883	2.691	3.380
237.995	1.001	14.758						
11/17/2016 9:15:00 PM	170100.000	25.865	16.909	58.954	4201.617	4969.639	2.691	3.379
238.004	1.001	14.757						
11/17/2016 9:30:00 PM	171000.000	25.867	16.909	58.959	4201.597	4969.584	2.691	3.379
238.005	1.001	14.753						
11/17/2016 9:45:00 PM	171900.000	25.864	16.908	58.952	4201.797	4969.968	2.691	3.380
237.993	1.001	14.752						
11/17/2016 10:00:00 PM	172800.000	25.867	16.908	58.959	4200.792	4968.721	2.691	3.379
238.050	1.001	14.754						
11/17/2016 10:15:00 PM	173700.000	25.859	16.909	58.940	4201.063	4969.011	2.691	3.379
238.035	1.001	14.760						
11/17/2016 10:30:00 PM	174600.000	25.864	16.909	58.953	4200.771	4968.627	2.690	3.379
238.052	1.001	14.757						
11/17/2016 10:45:00 PM	175500.000	25.863	16.909	58.950	4201.021	4968.962	2.691	3.379
238.037	1.001	14.754						
11/17/2016 11:00:00 PM	176400.000	25.868	16.908	58.961	4200.814	4968.738	2.691	3.379
238.049	1.001	14.754						
11/17/2016 11:15:00 PM	177300.000	25.863	16.908	58.949	4200.971	4968.963	2.691	3.379
238.040	1.001	14.754						
11/17/2016 11:30:00 PM	178200.000	25.863	16.908	58.950	4201.616	4969.695	2.691	3.379
238.004	1.001	14.756						
11/17/2016 11:45:00 PM	179100.000	25.864	16.908	58.952	4200.858	4968.779	2.691	3.379
238.047	1.001	14.753						
11/18/2016 12:00:00 AM	180000.000	25.863	16.909	58.949	4200.492	4968.288	2.690	3.378
238.067	1.001	14.756						
11/18/2016 12:15:00 AM	180900.000	25.867	16.908	58.959	4200.267	4968.100	2.690	3.378
238.080	1.001	14.754						
11/18/2016 12:30:00 AM	181800.000	25.867	16.909	58.959	4200.497	4968.342	2.690	3.378
238.067	1.001	14.750						
11/18/2016 12:45:00 AM	182700.000	25.863	16.908	58.950	4200.461	4968.319	2.690	3.378
238.069	1.001	14.750						
11/18/2016 1:00:00 AM	183600.000	25.870	16.908	58.965	4200.084	4967.914	2.690	3.378
238.090	1.001	14.746						
11/18/2016 1:15:00 AM	184500.000	25.863	16.908	58.949	4200.094	4967.935	2.690	3.378
238.090	1.001	14.745						
11/18/2016 1:30:00 AM	185400.000	25.872	16.908	58.970	4200.929	4968.863	2.691	3.379
238.043	1.001	14.742						
11/18/2016 1:45:00 AM	186300.000	25.865	16.909	58.954	4200.320	4968.093	2.690	3.378
238.077	1.001	14.747						
11/18/2016 2:00:00 AM	187200.000	25.866	16.909	58.958	4200.715	4968.581	2.690	3.379
238.055	1.001	14.746						
11/18/2016 2:15:00 AM	188100.000	25.867	16.909	58.958	4200.695	4968.567	2.690	3.379
238.056	1.001	14.747						
11/18/2016 2:30:00 AM	189000.000	25.866	16.908	58.957	4200.564	4968.452	2.690	3.379
238.063	1.001	14.746						
11/18/2016 2:45:00 AM	189900.000	25.871	16.909	58.968	4200.824	4968.681	2.691	3.379
238.049	1.001	14.740						
11/18/2016 3:00:00 AM	190800.000	25.870	16.908	58.966	4200.077	4967.875	2.690	3.378
238.091	1.001	14.742						
11/18/2016 3:15:00 AM	191700.000	25.869	16.909	58.963	4200.104	4967.857	2.690	3.378
238.089	1.001	14.747						
11/18/2016 3:30:00 AM	192600.000	25.861	16.909	58.945	4200.778	4968.675	2.691	3.379
238.051	1.001	14.750						
11/18/2016 3:45:00 AM	193500.000	25.871	16.908	58.969	4200.260	4968.082	2.690	3.378
238.080	1.001	14.740						
11/18/2016 4:00:00 AM	194400.000	25.866	16.909	58.956	4200.532	4968.375	2.690	3.378
238.065	1.001	14.743						
11/18/2016 4:15:00 AM	195300.000	25.861	16.909	58.945	4200.259	4968.012	2.690	3.378
238.081	1.001	14.750						
11/18/2016 4:30:00 AM	196200.000	25.864	16.908	58.953	4200.402	4968.250	2.690	3.378
238.072	1.001	14.749						
11/18/2016 4:45:00 AM	197100.000	25.862	16.908	58.948	4200.387	4968.232	2.690	3.378
238.073	1.001	14.747						
11/18/2016 5:00:00 AM	198000.000	25.872	16.909	58.970	4199.790	4967.487	2.690	3.378
238.107	1.001	14.740						
11/18/2016 5:15:00 AM	198900.000	25.869	16.908	58.962	4200.490	4968.343	2.690	3.378
238.067	1.001	14.743						
11/18/2016 5:30:00 AM	199800.000	25.866	16.908	58.957	4200.364	4968.205	2.690	3.378
238.075	1.001	14.742						
11/18/2016 5:45:00 AM	200700.000	25.869	16.909	58.962	4200.711	4968.566	2.690	3.379
238.055	1.001	14.740						
11/18/2016 6:00:00 AM	201600.000	25.865	16.909	58.954	4200.232	4967.970	2.690	3.378
238.082	1.001	14.739						
11/18/2016 6:15:00 AM	202500.000	25.865	16.908	58.954	4200.432	4968.314	2.690	3.378
238.071	1.001	14.739						
11/18/2016 6:30:00 AM	203400.000	25.867	16.908	58.959	4200.248	4968.077	2.690	3.378
238.081	1.001	14.741						
11/18/2016 6:45:00 AM	204300.000	25.872	16.909	58.969	4200.585	4968.428	2.690	3.379
238.062	1.001	14.740						
11/18/2016 7:00:00 AM	205200.000	25.865	16.908	58.955	4199.674	4967.409	2.690	3.379
238.114	1.001	14.745						
11/18/2016 7:15:00 AM	206100.000	25.862	16.908	58.947	4199.687	4967.444	2.690	3.378
238.113	1.001	14.748						
11/18/2016 7:30:00 AM	207000.000	25.864	16.908	58.952	4199.775	4967.498	2.690	3.378
238.108	1.001	14.749						
11/18/2016 7:45:00 AM	207900.000	25.867	16.909	58.958	4200.295	4968.095	2.690	3.378
238.078	1.001	14.748						
11/18/2016 8:00:00 AM	208800.000	25.865	16.909	58.954	4200.109	4967.854	2.690	3.378
238.089	1.001	14.752						
11/18/2016 8:15:00 AM	209700.000	25.862	16.909	58.947	4199.558	4967.232	2.690	3.378
238.120	1.001	14.757						
11/18/2016 8:30:00 AM	210600.000	25.865	16.909	58.954	4199.039	4966.608	2.689	3.377
238.150	1.001	14.757						
11/18/2016 8:45:00 AM	211500.000	25.865	16.909	58.955	4198.487	4965.876	2.689	3.377
238.181	1.001	14.758						
11/18/2016 9:00:00 AM	212400.000	25.864	16.910	58.952	4198.678	4966.074	2.689	3.377
238.170	1.001	14.756						
11/18/2016 9:15:00 AM	213300.000	25.857	16.909	58.936	4197.284	4964.502	2.688	3.376
238.249	1.001	14.763						
11/18/2016 9:30:00 AM	214200.000	25.862	16.909	58.948	4197.654	4964.951	2.688	3.376
238.228	1.001	14.757						
11/18/2016 9:45:00 AM	215100.000	25.861	16.909	58.945	4197.434	4964.622	2.688	3.376
238.241	1.001	14.759						
11/18/2016 10:00:00 AM	216000.000	25.870	16.909	58.965	4197.218	4964.366	2.688	3.376
238.253	1.001	14.752						
11/18/2016 10:15:00 AM	216900.000	25.857	16.909	58.936	4197.124	4964.294	2.688	3.376
238.258	1.001	14.759						
11/18/2016 10:30:00 AM	217800.000	25.866	16.909	58.956	4197.339	4964.548	2.688	3.376
238.246	1.001	14.750						
11/18/2016 10:45:00 AM	218700.000	25.863	16.909	58.951	4197.265	4964.450	2.688	3.376
238.250	1.001	14.755						
11/18/2016 11:00:00 AM	219600.000	25.868	16.910	58.961	4197.485	4964.632	2.688	3.376
238.238	1.001	14.750						
11/18/2016 11:15:00 AM	220500.000	25.856	16.909	58.935	4197.630	4964.922	2.688	3.376
238.230	1.001	14.752						
11/18/2016 11:30:00 AM	221400.000	25.870	16.909	58.965	4197.478	4964.712	2.688	3.376
238.238	1.001	14.741						
11/18/2016 11:45:00 AM	222300.000	25.860	16.909	58.944	4198.240	4965.633	2.689	3.377
238.195	1.001	14.746						
11/18/2016 12:00:00 PM	223200.000	25.865	16.909	58.953	4198.443	4965.904	2.689	3.377
238.184	1.001	14.740						
11/18/2016 12:15:00 PM	224100.000	25.860	16.909	58.942	4198.927	4966.466	2.689	3.377
238.156	1.001	14.740						
11/18/2016 12:30:00 PM	225000.000	25.868	16.909	58.960	4199.319	4966.910	2.689	3.377
238.134	1.001	14.732						
11/18/2016 12:45:00 PM	225900.000	25.865	16.909	58.955	4198.907	4966.383	2.689	3.377
238.157	1.001	14.728						
11/18/2016 1:00:00 PM	226800.000	25.875	16.908	58.978	4199.632	4967.348	2.690	3.378
238.116	1.001	14.720						
11/18/2016 1:15:00 PM	227700.000	25.873	16.908	58.973	4200.238	4968.046	2.690	3.378
238.082	1.001	14.716						
11/18/2016 1:30:00 PM	228600.000	25.873	16.909	58.971	4200.462	4968.232	2.690	3.378

238.069	1.001	14.715					
11/18/2016 1:45:00 PM	229500.000	25.876	16.909	58.980	4200.868	4968.771	2.691
238.046	1.001	14.715					3.379
11/18/2016 2:00:00 PM	230400.000	25.872	16.909	58.971	4200.678	4968.556	2.690
238.057	1.001	14.715					3.379
11/18/2016 2:15:00 PM	231300.000	25.871	16.908	58.967	4201.535	4969.609	2.691
238.008	1.001	14.708					3.379
11/18/2016 2:30:00 PM	232200.000	25.876	16.908	58.980	4201.510	4969.580	2.691
238.010	1.001	14.702					3.379
11/18/2016 2:45:00 PM	233100.000	25.877	16.908	58.981	4201.877	4970.015	2.691
237.989	1.001	14.699					3.380
11/18/2016 3:00:00 PM	234000.000	25.878	16.909	58.983	4201.402	4969.364	2.691
238.016	1.001	14.700					3.379
11/18/2016 3:15:00 PM	234900.000	25.873	16.908	58.973	4202.545	4970.794	2.692
237.951	1.001	14.701					3.380
11/18/2016 3:30:00 PM	235800.000	25.876	16.909	58.980	4201.791	4969.854	2.691
237.994	1.001	14.698					3.380
11/18/2016 3:45:00 PM	236700.000	25.875	16.909	58.976	4202.000	4970.120	2.691
237.982	1.001	14.701					3.380
11/18/2016 4:00:00 PM	237600.000	25.876	16.909	58.980	4201.823	4969.871	2.691
237.992	1.001	14.698					3.380
11/18/2016 4:15:00 PM	238500.000	25.869	16.908	58.962	4201.535	4969.619	2.691
238.008	1.001	14.708					3.379
11/18/2016 4:30:00 PM	239400.000	25.864	16.909	58.953	4201.562	4969.583	2.691
238.007	1.001	14.710					3.379
11/18/2016 4:45:00 PM	240300.000	25.868	16.909	58.960	4201.399	4969.371	2.691
238.016	1.001	14.712					3.379
11/18/2016 5:00:00 PM	241200.000	25.872	16.908	58.970	4201.020	4968.961	2.691
238.037	1.001	14.707					3.379
11/18/2016 5:15:00 PM	242100.000	25.870	16.909	58.965	4200.234	4968.012	2.690
238.082	1.001	14.708					3.378
11/18/2016 5:30:00 PM	243000.000	25.862	16.909	58.949	4200.462	4968.232	2.690
238.069	1.001	14.714					3.378
11/18/2016 5:45:00 PM	243900.000	25.870	16.909	58.966	4199.597	4967.239	2.690
238.118	1.001	14.711					3.378
11/18/2016 6:00:00 PM	244800.000	25.871	16.909	58.968	4200.116	4967.892	2.690
238.089	1.001	14.712					3.378
11/18/2016 6:15:00 PM	245700.000	25.863	16.908	58.950	4199.515	4967.200	2.690
238.123	1.001	14.718					3.377
11/18/2016 6:30:00 PM	246600.000	25.861	16.909	58.944	4199.065	4966.610	2.689
238.148	1.001	14.720					3.377
11/18/2016 6:45:00 PM	247500.000	25.872	16.909	58.970	4198.530	4965.927	2.689
238.179	1.001	14.714					3.377
11/18/2016 7:00:00 PM	248400.000	25.863	16.910	58.949	4198.632	4966.019	2.689
238.173	1.001	14.719					3.377
11/18/2016 7:15:00 PM	249300.000	25.863	16.909	58.949	4198.994	4966.486	2.689
238.152	1.001	14.718					3.377
11/18/2016 7:30:00 PM	250200.000	25.869	16.909	58.961	4198.205	4965.572	2.689
238.197	1.001	14.716					3.377
11/18/2016 7:45:00 PM	251100.000	25.867	16.908	58.959	4198.088	4965.523	2.689
238.204	1.001	14.719					3.377
11/18/2016 8:00:00 PM	252000.000	25.862	16.909	58.947	4197.583	4964.847	2.688
238.232	1.001	14.720					3.376
11/18/2016 8:15:00 PM	252900.000	25.870	16.910	58.965	4198.195	4965.502	2.689
238.198	1.001	14.718					3.377
11/18/2016 8:30:00 PM	253800.000	25.869	16.909	58.941	4198.213	4965.612	2.689
238.197	1.001	14.723					3.377
11/18/2016 8:45:00 PM	254700.000	25.870	16.909	58.965	4197.939	4965.317	2.689
238.212	1.001	14.719					3.376
11/18/2016 9:00:00 PM	255600.000	25.866	16.909	58.956	4197.922	4965.228	2.689
238.213	1.001	14.726					3.376
11/18/2016 9:15:00 PM	256500.000	25.862	16.909	58.947	4197.663	4964.932	2.688
238.228	1.001	14.726					3.376
11/18/2016 9:30:00 PM	257400.000	25.864	16.909	58.952	4197.120	4964.319	2.688
238.259	1.001	14.726					3.376
11/18/2016 9:45:00 PM	258300.000	25.861	16.909	58.945	4197.342	4964.601	2.688
238.246	1.001	14.727					3.376
11/18/2016 10:00:00 PM	259200.000	25.860	16.909	58.942	4196.935	4964.129	2.688
238.269	1.001	14.730					3.376
11/18/2016 10:15:00 PM	260100.000	25.854	16.909	58.930	4197.334	4964.533	2.688
238.246	1.001	14.733					3.376
11/18/2016 10:30:00 PM	261000.000	25.866	16.909	58.956	4196.722	4963.809	2.688
238.281	1.001	14.726					3.375
11/18/2016 10:45:00 PM	261900.000	25.857	16.909	58.936	4197.041	4964.146	2.688
238.263	1.001	14.731					3.376
11/18/2016 11:00:00 PM	262800.000	25.872	16.909	58.970	4196.644	4963.756	2.688
238.286	1.001	14.719					3.375
11/18/2016 11:15:00 PM	263700.000	25.862	16.909	58.947	4196.457	4963.524	2.688
238.296	1.001	14.725					3.375
11/18/2016 11:30:00 PM	264600.000	25.861	16.909	58.945	4196.848	4963.938	2.688
238.274	1.001	14.731					3.375
11/18/2016 11:45:00 PM	265500.000	25.866	16.909	58.957	4196.463	4963.523	2.688
238.296	1.001	14.722					3.375
11/19/2016 12:00:00 AM	266400.000	25.860	16.909	58.943	4197.532	4964.766	2.688
238.235	1.001	14.735					3.376
11/19/2016 12:15:00 AM	267300.000	25.862	16.909	58.948	4197.027	4964.140	2.688
238.264	1.001	14.728					3.376
11/19/2016 12:30:00 AM	268200.000	25.864	16.909	58.952	4197.084	4964.247	2.688
238.261	1.001	14.725					3.376
11/19/2016 12:45:00 AM	269100.000	25.864	16.909	58.953	4196.745	4963.795	2.688
238.280	1.001	14.726					3.375
11/19/2016 1:00:00 AM	270000.000	25.863	16.909	58.950	4197.492	4964.729	2.688
238.238	1.001	14.728					3.376
11/19/2016 1:15:00 AM	270900.000	25.863	16.909	58.950	4197.135	4964.268	2.688
238.258	1.001	14.724					3.376
11/19/2016 1:30:00 AM	271800.000	25.864	16.909	58.951	4197.208	4964.423	2.688
238.254	1.001	14.722	16.910	58.963	4197.548	4964.738	2.688
11/19/2016 1:45:00 AM	272700.000	25.869	16.910	58.963	4197.548	4964.738	2.688
238.234	1.001	14.717	16.909	58.955	4197.580	4964.813	2.688
11/19/2016 2:00:00 AM	273600.000	25.865	16.909	58.965	4197.333	4964.571	2.688
238.233	1.001	14.724	16.909	58.961	4197.333	4964.571	2.688
11/19/2016 2:15:00 AM	274500.000	25.868	16.909	58.961	4197.333	4964.571	2.688
238.247	1.001	14.722	16.909	58.967	4197.037	4964.181	2.688
11/19/2016 2:30:00 AM	275400.000	25.871	16.909	58.967	4197.037	4964.181	2.688
238.263	1.001	14.718	16.909	58.963	4197.746	4965.040	2.688
11/19/2016 2:45:00 AM	276300.000	25.869	16.909	58.963	4197.419	4964.643	2.688
238.223	1.001	14.717	16.909	58.956	4197.080	4964.271	2.688
11/19/2016 3:00:00 AM	277200.000	25.866	16.909	58.967	4197.080	4964.271	2.688
238.242	1.001	14.722	16.909	58.944	4197.155	4964.321	2.688
11/19/2016 3:15:00 AM	278100.000	25.870	16.909	58.956	4197.410	4964.663	2.688
238.261	1.001	14.716	16.909	58.958	4196.915	4964.085	2.688
11/19/2016 3:30:00 AM	279000.000	25.861	16.909	58.944	4197.155	4964.321	2.688
238.257	1.001	14.724	16.909	58.956	4197.410	4964.663	2.688
11/19/2016 3:45:00 AM	279900.000	25.866	16.909	58.956	4196.915	4964.085	2.688
238.242	1.001	14.716	16.909	58.958	4196.915	4964.085	2.688
11/19/2016 4:00:00 AM	280800.000	25.866	16.909	58.958	4196.915	4964.085	2.688
238.270	1.001	14.714	16.909	58.969	4197.848	4965.120	2.688
11/19/2016 4:15:00 AM	281700.000	25.871	16.909	58.969	4197.848	4965.120	2.688
238.217	1.001	14.709	16.909	58.955	4197.493	4964.750	2.688
11/19/2016 4:30:00 AM	282600.000	25.865	16.909	58.955	4197.493	4964.750	2.688
238.237	1.001	14.713	16.909	58.961	4197.520	4964.812	2.688
11/19/2016 4:45:00 AM	283500.000	25.868	16.909	58.971	4198.063	4965.435	2.689
238.236	1.001	14.714	16.909	58.971	4198.063	4965.435	2.689
11/19/2016 5:00:00 AM	284400.000	25.872	16.909	58.971	4198.063	4965.435	2.689
238.205	1.001	14.709	16.909	58.965	4198.007	4965.357	2.689
11/19/2016 5:15:00 AM	285300.000	25.861	16.909	58.946	4198.603	4966.073	2.689
238.174	1.001	14.716	16.909	58.955	4198.007	4965.357	2.689
11/19/2016 5:30:00 AM	286200.000	25.865	16.909	58.955	4198.007	4965.357	2.689
238.208	1.001	14.711	16.909	58.966	4198.753	4966.211	2.689
11/19/2016 5:45:00 AM	287100.000	25.870	16.909	58.966	4198.753	4966.211	2.689
238.166	1.001	14.707	16.909	58.964	4197.872	4965.168	2.688
11/19/2016 6:00:00 AM	288000.000	25.869	16.909	58.964	4197.872	4965.168	2.688
238.216	1.001	14.705					3.376

11/19/2016 6:15:00 AM	288900.000	25.867	16.909	58.959	4198.298	4965.652	2.689	3.377
238.192	1.001	14.706						
11/19/2016 6:30:00 AM	289800.000	25.868	16.909	58.961	4198.483	4965.892	2.689	3.377
238.181	1.001	14.704						
11/19/2016 6:45:00 AM	290700.000	25.862	16.909	58.947	4198.626	4966.071	2.689	3.377
238.173	1.001	14.713						
11/19/2016 7:00:00 AM	291600.000	25.866	16.909	58.956	4198.368	4965.795	2.689	3.377
238.188	1.001	14.708						
11/19/2016 7:15:00 AM	292500.000	25.869	16.909	58.962	4198.892	4966.375	2.689	3.377
238.158	1.001	14.706						
11/19/2016 7:30:00 AM	293400.000	25.873	16.909	58.972	4198.473	4965.929	2.689	3.377
238.182	1.001	14.703						
11/19/2016 7:45:00 AM	294300.000	25.864	16.909	58.951	4198.855	4966.341	2.689	3.377
238.160	1.001	14.710						
11/19/2016 8:00:00 AM	295200.000	25.868	16.909	58.962	4198.856	4966.393	2.689	3.377
238.160	1.001	14.708						
11/19/2016 8:15:00 AM	296100.000	25.868	16.909	58.962	4198.671	4966.074	2.689	3.377
238.171	1.001	14.709						
11/19/2016 8:30:00 AM	297000.000	25.870	16.909	58.965	4199.056	4966.559	2.689	3.377
238.149	1.001	14.705						
11/19/2016 8:45:00 AM	297900.000	25.877	16.909	58.981	4198.482	4965.880	2.689	3.377
238.181	1.001	14.707						
11/19/2016 9:00:00 AM	298800.000	25.866	16.909	58.957	4198.991	4966.533	2.689	3.377
238.152	1.001	14.709						
11/19/2016 9:15:00 AM	299700.000	25.864	16.909	58.951	4198.198	4965.595	2.689	3.377
238.197	1.001	14.716						
11/19/2016 9:30:00 AM	300600.000	25.859	16.909	58.940	4198.414	4965.799	2.689	3.377
238.185	1.001	14.714						
11/19/2016 9:45:00 AM	301500.000	25.863	16.910	58.949	4198.321	4965.652	2.689	3.377
238.190	1.001	14.710						
11/19/2016 10:00:00 AM	302400.000	25.866	16.909	58.957	4198.429	4965.837	2.689	3.377
238.184	1.001	14.712						
11/19/2016 10:15:00 AM	303300.000	25.866	16.909	58.957	4198.400	4965.783	2.689	3.377
238.186	1.001	14.706						
11/19/2016 10:30:00 AM	304200.000	25.868	16.909	58.962	4198.171	4965.494	2.689	3.377
238.199	1.001	14.710						
11/19/2016 10:45:00 AM	305100.000	25.860	16.909	58.943	4198.251	4965.617	2.689	3.377
238.194	1.001	14.711						
11/19/2016 11:00:00 AM	306000.000	25.865	16.909	58.953	4197.906	4965.219	2.689	3.376
238.214	1.001	14.714						
11/19/2016 11:15:00 AM	306900.000	25.866	16.909	58.956	4197.789	4965.100	2.688	3.376
238.221	1.001	14.709						
11/19/2016 11:30:00 AM	307800.000	25.866	16.908	58.956	4196.989	4964.222	2.688	3.376
238.266	1.001	14.709						
11/19/2016 11:45:00 AM	308700.000	25.860	16.909	58.943	4197.462	4964.713	2.688	3.376
238.239	1.001	14.713						
11/19/2016 12:00:00 PM	309600.000	25.869	16.910	58.962	4197.224	4964.354	2.688	3.376
238.253	1.001	14.702						
11/19/2016 12:15:00 PM	310500.000	25.867	16.909	58.960	4197.113	4964.271	2.688	3.376
238.259	1.001	14.702						
11/19/2016 12:30:00 PM	311400.000	25.865	16.909	58.954	4197.321	4964.498	2.688	3.376
238.247	1.001	14.704						
11/19/2016 12:45:00 PM	312300.000	25.866	16.909	58.957	4197.538	4964.734	2.688	3.376
238.235	1.001	14.704						
11/19/2016 1:00:00 PM	313200.000	25.857	16.909	58.937	4197.470	4964.653	2.688	3.376
238.239	1.001	14.710						
11/19/2016 1:15:00 PM	314100.000	25.867	16.909	58.959	4197.850	4965.123	2.688	3.376
238.217	1.001	14.697						
11/19/2016 1:30:00 PM	315000.000	25.874	16.909	58.974	4197.397	4964.647	2.688	3.376
238.243	1.001	14.699						
11/19/2016 1:45:00 PM	315900.000	25.867	16.908	58.959	4197.764	4965.119	2.688	3.376
238.222	1.001	14.699						
11/19/2016 2:00:00 PM	316800.000	25.872	16.909	58.971	4197.603	4964.870	2.688	3.376
238.231	1.001	14.696						
11/19/2016 2:15:00 PM	317700.000	25.863	16.909	58.949	4197.494	4964.771	2.688	3.376
238.237	1.001	14.700						
11/19/2016 2:30:00 PM	318600.000	25.867	16.910	58.958	4197.733	4964.945	2.688	3.376
238.224	1.001	14.698						
11/19/2016 2:45:00 PM	319500.000	25.871	16.909	58.967	4198.261	4965.619	2.689	3.377
238.194	1.001	14.694						
11/19/2016 3:00:00 PM	320400.000	25.870	16.909	58.966	4198.113	4965.475	2.689	3.377
238.202	1.001	14.699						
11/19/2016 3:15:00 PM	321300.000	25.871	16.910	58.968	4198.694	4966.062	2.689	3.377
238.169	1.001	14.698						
11/19/2016 3:30:00 PM	322200.000	25.867	16.910	58.959	4197.855	4965.100	2.688	3.376
238.217	1.001	14.699						
11/19/2016 3:45:00 PM	323100.000	25.862	16.910	58.947	4197.851	4965.096	2.688	3.376
238.217	1.001	14.699						
11/19/2016 4:00:00 PM	324000.000	25.863	16.909	58.950	4198.529	4965.906	2.689	3.377
238.179	1.001	14.702						
11/19/2016 4:15:00 PM	324900.000	25.863	16.909	58.949	4197.693	4964.997	2.688	3.376
238.225	1.001	14.700						
11/19/2016 4:30:00 PM	325800.000	25.868	16.909	58.961	4197.882	4965.171	2.688	3.376
238.215	1.001	14.696						
11/19/2016 4:45:00 PM	326700.000	25.867	16.909	58.959	4197.827	4965.076	2.688	3.376
238.218	1.001	14.694						
11/19/2016 5:00:00 PM	327600.000	25.864	16.910	58.951	4197.804	4965.020	2.688	3.376
238.220	1.001	14.698						
11/19/2016 5:15:00 PM	328500.000	25.874	16.909	58.974	4198.280	4965.651	2.689	3.377
238.193	1.001	14.693						
11/19/2016 5:30:00 PM	329400.000	25.867	16.909	58.959	4197.787	4965.078	2.688	3.376
238.221	1.001	14.696						
11/19/2016 5:45:00 PM	330300.000	25.863	16.910	58.950	4198.248	4965.545	2.689	3.377
238.195	1.001	14.700						
11/19/2016 6:00:00 PM	331200.000	25.865	16.909	58.955	4198.161	4965.491	2.689	3.377
238.200	1.001	14.699						
11/19/2016 6:15:00 PM	332100.000	25.871	16.909	58.968	4198.584	4965.972	2.689	3.377
238.176	1.001	14.700						
11/19/2016 6:30:00 PM	333000.000	25.871	16.909	58.969	4198.036	4965.333	2.689	3.376
238.207	1.001	14.697						
11/19/2016 6:45:00 PM	333900.000	25.859	16.910	58.941	4197.802	4964.979	2.688	3.376
238.220	1.001	14.706						
11/19/2016 7:00:00 PM	334800.000	25.864	16.909	58.951	4198.165	4965.486	2.689	3.377
238.199	1.001	14.705						
11/19/2016 7:15:00 PM	335700.000	25.866	16.910	58.957	4197.310	4964.416	2.688	3.376
238.248	1.001	14.708						
11/19/2016 7:30:00 PM	336600.000	25.864	16.910	58.952	4197.465	4964.589	2.688	3.376
238.239	1.001	14.706						
11/19/2016 7:45:00 PM	337500.000	25.863	16.910	58.950	4197.179	4964.281	2.688	3.376
238.255	1.001	14.709						
11/19/2016 8:00:00 PM	338400.000	25.870	16.910	58.965	4196.793	4963.814	2.688	3.375
238.277	1.001	14.711						
11/19/2016 8:15:00 PM	339300.000	25.865	16.909	58.954	4196.504	4963.511	2.688	3.375
238.294	1.001	14.710						
11/19/2016 8:30:00 PM	340200.000	25.869	16.909	58.963	4196.730	4963.829	2.688	3.375
238.281	1.001	14.704						
11/19/2016 8:45:00 PM	341100.000	25.863	16.909	58.950	4196.705	4963.759	2.688	3.375
238.282	1.001	14.709						
11/19/2016 9:00:00 PM	342000.000	25.864	16.910	58.952	4196.437	4963.383	2.687	3.375
238.297	1.001	14.708						
11/19/2016 9:15:00 PM	342900.000	25.860	16.909	58.942	4196.774	4963.861	2.688	3.375
238.278	1.001	14.714						
11/19/2016 9:30:00 PM	343800.000	25.861	16.909	58.945	4196.049	4962.973	2.687	3.375
238.319	1.001	14.713						
11/19/2016 9:45:00 PM	344700.000	25.859	16.910	58.939	4196.692	4963.655	2.688	3.375
238.283	1.001	14.710						
11/19/2016 10:00:00 PM	345600.000	25.863	16.909	58.950	4197.044	4964.169	2.688	3.376
238.263	1.001	14.711						
11/19/2016 10:15:00 PM	346500.000	25.866	16.909	58.956	4196.616	4963.643	2.688	3.375
238.287	1.001	14.710						
11/19/2016 10:30:00 PM	347400.000	25.863	16.910	58.950	4196.570	4963.570	2.688	3.375
238.290	1.001	14.714						
11/19/2016 10:45:00 PM	348300.000	25.860	16.910	58.943	4196.395	4963.334	2.687	3.375

238.300	1.001	14.716					
11/19/2016 11:00:00 PM	349200.000	25.868	16.909	58.961	4196.425	4963.428	2.687
238.298	1.001	14.711					3.375
11/19/2016 11:15:00 PM	350100.000	25.865	16.909	58.954	4196.936	4964.061	2.688
238.269	1.001	14.712					3.376
11/19/2016 11:30:00 PM	351000.000	25.863	16.909	58.950	4196.042	4963.003	2.687
238.320	1.001	14.706					3.375
11/19/2016 11:45:00 PM	351900.000	25.869	16.910	58.963	4196.433	4963.387	2.687
238.298	1.001	14.705					3.375
11/20/2016 12:00:00 AM	352800.000	25.865	16.910	58.954	4196.722	4963.721	2.688
238.281	1.001	14.708					3.375
11/20/2016 12:15:00 AM	353700.000	25.867	16.910	58.958	4196.928	4963.974	2.688
238.270	1.001	14.705					3.376
11/20/2016 12:30:00 AM	354600.000	25.867	16.910	58.960	4197.040	4964.125	2.688
238.263	1.001	14.709					3.376
11/20/2016 12:45:00 AM	355500.000	25.869	16.909	58.964	4197.021	4964.161	2.688
238.264	1.001	14.702					3.376
11/20/2016 1:00:00 AM	356400.000	25.870	16.909	58.966	4197.475	4964.670	2.688
238.238	1.001	14.701					3.376
11/20/2016 1:15:00 AM	357300.000	25.867	16.910	58.959	4197.293	4964.405	2.688
238.249	1.001	14.708					3.376
11/20/2016 1:30:00 AM	358200.000	25.869	16.910	58.964	4197.104	4964.181	2.688
238.260	1.001	14.705					3.376
11/20/2016 1:45:00 AM	359100.000	25.872	16.910	58.970	4197.647	4964.804	2.688
238.229	1.001	14.702					3.376
11/20/2016 2:00:00 AM	360000.000	25.861	16.910	58.946	4197.486	4964.653	2.688
238.238	1.001	14.708					3.376
11/20/2016 2:15:00 AM	360900.000	25.868	16.909	58.960	4197.634	4964.847	2.688
238.229	1.001	14.707					3.376
11/20/2016 2:30:00 AM	361800.000	25.869	16.909	58.963	4197.845	4965.107	2.688
238.217	1.001	14.706					3.376
11/20/2016 2:45:00 AM	362700.000	25.871	16.909	58.967	4197.765	4965.002	2.688
238.222	1.001	14.705					3.376
11/20/2016 3:00:00 AM	363600.000	25.870	16.909	58.965	4198.061	4965.362	2.689
238.205	1.001	14.704					3.376
11/20/2016 3:15:00 AM	364500.000	25.870	16.910	58.965	4197.494	4964.673	2.688
238.237	1.001	14.703					3.376
11/20/2016 3:30:00 AM	365400.000	25.874	16.909	58.974	4197.733	4964.995	2.688
238.224	1.001	14.698					3.376
11/20/2016 3:45:00 AM	366300.000	25.870	16.910	58.965	4197.689	4964.905	2.688
238.226	1.001	14.700					3.376
11/20/2016 4:00:00 AM	367200.000	25.873	16.910	58.974	4198.012	4965.247	2.689
238.208	1.001	14.697					3.376
11/20/2016 4:15:00 AM	368100.000	25.870	16.909	58.967	4197.853	4965.136	2.688
238.217	1.001	14.697					3.377
11/20/2016 4:30:00 AM	369000.000	25.869	16.909	58.962	4198.333	4965.693	2.689
238.190	1.001	14.702					3.377
11/20/2016 4:45:00 AM	369900.000	25.867	16.909	58.959	4198.351	4965.706	2.689
238.189	1.001	14.697					3.377
11/20/2016 5:00:00 AM	370800.000	25.872	16.910	58.971	4198.041	4965.270	2.689
238.206	1.001	14.698					3.376
11/20/2016 5:15:00 AM	371700.000	25.870	16.909	58.965	4197.605	4964.833	2.688
238.231	1.001	14.698					3.377
11/20/2016 5:30:00 AM	372600.000	25.872	16.910	58.970	4198.518	4965.885	2.689
238.179	1.001	14.697					3.377
11/20/2016 5:45:00 AM	373500.000	25.868	16.909	58.961	4198.608	4966.069	2.689
238.174	1.001	14.700					3.377
11/20/2016 6:00:00 AM	374400.000	25.870	16.910	58.966	4198.588	4965.909	2.689
238.175	1.001	14.700					3.377
11/20/2016 6:15:00 AM	375300.000	25.865	16.910	58.955	4198.677	4966.053	2.689
238.170	1.001	14.707					3.377
11/20/2016 6:30:00 AM	376200.000	25.869	16.910	58.963	4198.651	4965.992	2.689
238.172	1.001	14.701					3.377
11/20/2016 6:45:00 AM	377100.000	25.870	16.909	58.965	4198.464	4965.850	2.689
238.182	1.001	14.705					3.377
11/20/2016 7:00:00 AM	378000.000	25.871	16.909	58.969	4198.640	4966.077	2.689
238.172	1.001	14.703					3.377
11/20/2016 7:15:00 AM	378900.000	25.861	16.910	58.946	4198.476	4965.824	2.689
238.182	1.001	14.710					3.377
11/20/2016 7:30:00 AM	379800.000	25.867	16.910	58.959	4198.552	4965.905	2.689
238.177	1.001	14.709					3.376
11/20/2016 7:45:00 AM	380700.000	25.871	16.910	58.968	4198.153	4965.414	2.689
238.200	1.001	14.704					3.377
11/20/2016 8:00:00 AM	381600.000	25.872	16.910	58.970	4198.544	4965.904	2.689
238.178	1.001	14.702					3.377
11/20/2016 8:15:00 AM	382500.000	25.871	16.910	58.968	4198.369	4965.638	2.689
238.188	1.001	14.706					3.376
11/20/2016 8:30:00 AM	383400.000	25.866	16.909	58.956	4197.972	4965.247	2.689
238.210	1.001	14.711					3.376
11/20/2016 8:45:00 AM	384300.000	25.871	16.909	58.967	4198.042	4965.340	2.689
238.206	1.001	14.707					3.377
11/20/2016 9:00:00 AM	385200.000	25.862	16.909	58.948	4198.945	4966.408	2.689
238.155	1.001	14.713					3.376
11/20/2016 9:15:00 AM	386100.000	25.868	16.909	58.962	4197.877	4965.165	2.688
238.216	1.001	14.710					3.377
11/20/2016 9:30:00 AM	387000.000	25.872	16.909	58.969	4198.651	4966.051	2.689
238.172	1.001	14.708					3.376
11/20/2016 9:45:00 AM	387900.000	25.868	16.909	58.960	4197.893	4965.164	2.688
238.215	1.001	14.708					3.377
11/20/2016 10:00:00 AM	388800.000	25.868	16.909	58.962	4198.649	4966.048	2.689
238.172	1.001	14.711					3.376
11/20/2016 10:15:00 AM	389700.000	25.872	16.909	58.970	4197.985	4965.293	2.689
238.210	1.001	14.702					3.377
11/20/2016 10:30:00 AM	390600.000	25.875	16.909	58.978	4198.818	4966.328	2.689
238.162	1.001	14.705					3.377
11/20/2016 10:45:00 AM	391500.000	25.867	16.909	58.958	4198.334	4965.725	2.689
238.190	1.001	14.713					3.377
11/20/2016 11:00:00 AM	392400.000	25.869	16.910	58.964	4198.809	4966.178	2.689
238.163	1.001	14.710					3.377
11/20/2016 11:15:00 AM	393300.000	25.866	16.910	58.956	4198.650	4966.029	2.689
238.172	1.001	14.708					3.377
11/20/2016 11:30:00 AM	394200.000	25.871	16.910	58.969	4198.638	4965.996	2.689
238.172	1.001	14.704					3.377
11/20/2016 11:45:00 AM	395100.000	25.877	16.910	58.981	4199.196	4966.636	2.689
238.141	1.001	14.696					3.377
11/20/2016 12:00:00 PM	396000.000	25.876	16.909	58.979	4198.874	4966.344	2.689
238.159	1.001	14.697					3.377
11/20/2016 12:15:00 PM	396900.000	25.872	16.910	58.970	4199.332	4966.816	2.689
238.133	1.001	14.700					3.378
11/20/2016 12:30:00 PM	397800.000	25.871	16.909	58.968	4199.657	4967.290	2.690
238.115	1.001	14.696					3.378
11/20/2016 12:45:00 PM	398700.000	25.873	16.909	58.972	4199.704	4967.356	2.690
238.112	1.001	14.695					3.378
11/20/2016 1:00:00 PM	399600.000	25.873	16.909	58.974	4200.526	4968.317	2.690
238.065	1.001	14.691					3.379
11/20/2016 1:15:00 PM	400500.000	25.869	16.909	58.963	4200.774	4968.562	2.690
238.051	1.001	14.697					3.379
11/20/2016 1:30:00 PM	401400.000	25.879	16.909	58.987	4201.583	4969.538	2.691
238.006	1.001	14.685					3.379
11/20/2016 1:45:00 PM	402300.000	25.876	16.909	58.979	4200.865	4968.709	2.691
238.046	1.001	14.684					3.380
11/20/2016 2:00:00 PM	403200.000	25.877	16.910	58.982	4202.178	4970.182	2.691
237.972	1.001	14.680					3.379
11/20/2016 2:15:00 PM	404100.000	25.877	16.909	58.982	4201.794	4969.779	2.691
237.994	1.001	14.678					3.380
11/20/2016 2:30:00 PM	405000.000	25.880	16.909	58.989	4202.256	4970.374	2.691
237.967	1.001	14.680					3.380
11/20/2016 2:45:00 PM	405900.000	25.880	16.909	58.988	4202.623	4970.809	2.692
237.947	1.001	14.679					3.380
11/20/2016 3:00:00 PM	406800.000	25.886	16.909	59.002	4202.391	4970.534	2.692
237.960	1.001	14.674					3.380
11/20/2016 3:15:00 PM	407700.000	25.875	16.909	58.977	4202.782	4971.025	2.692
237.938	1.001	14.683					

11/20/2016 3:30:00 PM	408600.000	25.880	16.909	58.989	4202.505	4970.658	2.692	3.380
237.953	1.001	14.681						
11/20/2016 3:45:00 PM	409500.000	25.879	16.909	58.987	4202.291	4970.355	2.691	3.380
237.965	1.001	14.682						
11/20/2016 4:00:00 PM	410400.000	25.877	16.909	58.983	4202.318	4970.487	2.692	3.380
237.964	1.001	14.681						
11/20/2016 4:15:00 PM	411300.000	25.878	16.909	58.985	4202.217	4970.298	2.691	3.380
237.970	1.001	14.680						
11/20/2016 4:30:00 PM	412200.000	25.875	16.910	58.977	4202.350	4970.378	2.691	3.380
237.962	1.001	14.682						
11/20/2016 4:45:00 PM	413100.000	25.880	16.909	58.988	4203.024	4971.242	2.692	3.380
237.924	1.001	14.674						
11/20/2016 5:00:00 PM	414000.000	25.880	16.909	58.988	4202.035	4970.113	2.691	3.380
237.980	1.001	14.677						
11/20/2016 5:15:00 PM	414900.000	25.881	16.910	58.991	4201.874	4969.823	2.691	3.379
237.989	1.001	14.678						
11/20/2016 5:30:00 PM	415800.000	25.877	16.909	58.981	4202.333	4970.444	2.692	3.380
237.963	1.001	14.680						
11/20/2016 5:45:00 PM	416700.000	25.878	16.910	58.983	4202.500	4970.594	2.692	3.380
237.954	1.001	14.684						
11/20/2016 6:00:00 PM	417600.000	25.872	16.909	58.970	4202.082	4970.108	2.691	3.380
237.977	1.001	14.685						
11/20/2016 6:15:00 PM	418500.000	25.869	16.909	58.964	4201.561	4969.502	2.691	3.379
238.007	1.001	14.689						
11/20/2016 6:30:00 PM	419400.000	25.875	16.909	58.977	4201.897	4969.930	2.691	3.380
237.988	1.001	14.684						
11/20/2016 6:45:00 PM	420300.000	25.875	16.909	58.978	4200.943	4968.841	2.691	3.379
238.042	1.001	14.685						
11/20/2016 7:00:00 PM	421200.000	25.875	16.910	58.976	4201.113	4968.923	2.691	3.379
238.032	1.001	14.689						
11/20/2016 7:15:00 PM	422100.000	25.873	16.909	58.972	4201.082	4968.955	2.691	3.379
238.034	1.001	14.689						
11/20/2016 7:30:00 PM	423000.000	25.879	16.909	58.987	4201.241	4969.144	2.691	3.379
238.025	1.001	14.686						
11/20/2016 7:45:00 PM	423900.000	25.880	16.910	58.989	4201.001	4968.811	2.691	3.379
238.038	1.001	14.683						
11/20/2016 8:00:00 PM	424800.000	25.873	16.909	58.972	4200.532	4968.335	2.690	3.378
238.065	1.001	14.695						
11/20/2016 8:15:00 PM	425700.000	25.878	16.909	58.984	4200.821	4968.647	2.690	3.379
238.049	1.001	14.691						
11/20/2016 8:30:00 PM	426600.000	25.875	16.909	58.977	4200.997	4968.825	2.691	3.379
238.039	1.001	14.691						
11/20/2016 8:45:00 PM	427500.000	25.874	16.909	58.975	4200.453	4968.221	2.690	3.378
238.070	1.001	14.693						
11/20/2016 9:00:00 PM	428400.000	25.876	16.910	58.980	4200.473	4968.166	2.690	3.378
238.068	1.001	14.694						
11/20/2016 9:15:00 PM	429300.000	25.874	16.910	58.975	4200.378	4968.073	2.690	3.378
238.074	1.001	14.689						
11/20/2016 9:30:00 PM	430200.000	25.887	16.909	59.003	4200.439	4968.176	2.690	3.378
238.070	1.001	14.687						
11/20/2016 9:45:00 PM	431100.000	25.876	16.909	58.979	4200.157	4967.831	2.690	3.378
238.086	1.001	14.693						
11/20/2016 10:00:00 PM	432000.000	25.880	16.909	58.988	4200.109	4967.774	2.690	3.378
238.089	1.001	14.691						
11/20/2016 10:15:00 PM	432900.000	25.873	16.909	58.972	4200.877	4968.752	2.691	3.379
238.046	1.001	14.696						
11/20/2016 10:30:00 PM	433800.000	25.878	16.910	58.984	4200.116	4967.774	2.690	3.378
238.089	1.001	14.696						
11/20/2016 10:45:00 PM	434700.000	25.876	16.909	58.980	4200.442	4968.208	2.690	3.378
238.070	1.001	14.696						
11/20/2016 11:00:00 PM	435600.000	25.872	16.909	58.969	4200.482	4968.285	2.690	3.378
238.068	1.001	14.703						
11/20/2016 11:15:00 PM	436500.000	25.873	16.909	58.972	4200.610	4968.427	2.690	3.379
238.061	1.001	14.708						
11/20/2016 11:30:00 PM	437400.000	25.876	16.910	58.979	4200.224	4967.843	2.690	3.378
238.063	1.001	14.705						
11/20/2016 11:45:00 PM	438300.000	25.871	16.910	58.969	4200.325	4967.972	2.690	3.378
238.077	1.001	14.701						
11/21/2016 12:00:00 AM	439200.000	25.870	16.910	58.966	4200.447	4968.166	2.690	3.378
238.070	1.001	14.701						
11/21/2016 12:15:00 AM	440100.000	25.874	16.910	58.975	4199.714	4967.279	2.690	3.378
238.111	1.001	14.701						
11/21/2016 12:30:00 AM	441000.000	25.870	16.909	58.967	4199.886	4967.522	2.690	3.378
238.102	1.001	14.707						
11/21/2016 12:45:00 AM	441900.000	25.876	16.910	58.979	4199.713	4967.287	2.690	3.378
238.112	1.001	14.704						
11/21/2016 1:00:00 AM	442800.000	25.879	16.909	58.985	4200.187	4967.887	2.690	3.378
238.085	1.001	14.699						
11/21/2016 1:15:00 AM	443700.000	25.872	16.909	58.971	4199.940	4967.595	2.690	3.378
238.099	1.001	14.707						
11/21/2016 1:30:00 AM	444600.000	25.870	16.909	58.965	4199.959	4967.608	2.690	3.378
238.098	1.001	14.711						
11/21/2016 1:45:00 AM	445500.000	25.878	16.909	58.983	4200.409	4968.140	2.690	3.378
238.072	1.001	14.706						
11/21/2016 2:00:00 AM	446400.000	25.872	16.909	58.971	4200.536	4968.279	2.690	3.378
238.065	1.001	14.711						
11/21/2016 2:15:00 AM	447300.000	25.873	16.910	58.973	4199.512	4967.040	2.690	3.378
238.123	1.001	14.706						
11/21/2016 2:30:00 AM	448200.000	25.872	16.910	58.970	4199.604	4967.139	2.690	3.378
238.118	1.001	14.711						
11/21/2016 2:45:00 AM	449100.000	25.872	16.910	58.971	4200.068	4967.707	2.690	3.378
238.091	1.001	14.711						
11/21/2016 3:00:00 AM	450000.000	25.861	16.910	58.945	4199.801	4967.391	2.690	3.378
238.107	1.001	14.722						
11/21/2016 3:15:00 AM	450900.000	25.875	16.910	58.976	4199.917	4967.449	2.690	3.378
238.100	1.001	14.710						
11/21/2016 3:30:00 AM	451800.000	25.874	16.909	58.975	4199.975	4967.616	2.690	3.378
238.097	1.001	14.713						
11/21/2016 3:45:00 AM	452700.000	25.877	16.909	58.981	4199.859	4967.519	2.690	3.378
238.103	1.001	14.711						
11/21/2016 4:00:00 AM	453600.000	25.874	16.910	58.975	4200.247	4967.910	2.690	3.378
238.061	1.001	14.712						
11/21/2016 4:15:00 AM	454500.000	25.868	16.910	58.960	4200.749	4968.492	2.690	3.379
238.053	1.001	14.721						
11/21/2016 4:30:00 AM	455400.000	25.873	16.909	58.972	4199.757	4967.369	2.690	3.378
238.109	1.001	14.718						
11/21/2016 4:45:00 AM	456300.000	25.873	16.910	58.972	4199.864	4967.466	2.690	3.378
238.103	1.001	14.718						
11/21/2016 5:00:00 AM	457200.000	25.874	16.909	58.974	4200.333	4968.090	2.690	3.378
238.076	1.001	14.716						
11/21/2016 5:15:00 AM	458100.000	25.871	16.909	58.967	4199.412	4966.980	2.690	3.378
238.129	1.001	14.725						
11/21/2016 5:30:00 AM	459000.000	25.869	16.909	58.963	4199.854	4967.502	2.690	3.378
238.104	1.001	14.724						
11/21/2016 5:45:00 AM	459900.000	25.882	16.909	58.993	4199.648	4967.230	2.690	3.378
238.115	1.001	14.722						
11/21/2016 6:00:00 AM	460800.000	25.874	16.909	58.974	4199.722	4967.377	2.690	3.378
238.111	1.001	14.731						
11/21/2016 6:15:00 AM	461700.000	25.875	16.910	58.976	4199.796	4967.376	2.690	3.378
238.107	1.001	14.730						
11/21/2016 6:30:00 AM	462600.000	25.875	16.910	58.976	4199.698	4967.270	2.690	3.378
238.112	1.001	14.733						
11/21/2016 6:45:00 AM	463500.000	25.871	16.910	58.969	4199.495	4967.040	2.690	3.378
238.124	1.001	14.738						
11/21/2016 7:00:00 AM	464400.000	25.872	16.909	58.970	4198.879	4966.320	2.689	3.377
238.159	1.001	14.742						
11/21/2016 7:15:00 AM	465300.000	25.867	16.910	58.959	4198.809	4966.159	2.689	3.377
238.163	1.001	14.746						
11/21/2016 7:30:00 AM	466200.000	25.872	16.910	58.970	4198.463	4965.781	2.689	3.377
238.182	1.001	14.746						
11/21/2016 7:45:00 AM	467100.000	25.869	16.910	58.963	4198.779	4966.154	2.689	3.377
238.164	1.001	14.745						
11/21/2016 8:00:00 AM	468000.000	25.872	16.910	58.970	4198.266	4965.586	2.689	3.377

238.194	1.001	14.752					
11/21/2016 8:15:00 AM	468900.000	25.865	16.910	58.955	4198.346	4965.681	2.689
238.189	1.001	14.755					3.377
11/21/2016 8:30:00 AM	469800.000	25.864	16.910	58.951	4198.489	4965.831	2.689
238.181	1.001	14.756					3.377
11/21/2016 8:45:00 AM	470700.000	25.869	16.910	58.964	4198.544	4965.876	2.689
238.178	1.001	14.758					3.377
11/21/2016 9:00:00 AM	471600.000	25.866	16.909	58.958	4197.804	4965.068	2.688
238.220	1.001	14.763					3.376
11/21/2016 9:15:00 AM	472500.000	25.870	16.910	58.966	4197.779	4964.952	2.688
238.221	1.001	14.756					3.376
11/21/2016 9:30:00 AM	473400.000	25.869	16.910	58.964	4197.602	4964.782	2.688
238.231	1.001	14.760					3.376
11/21/2016 9:45:00 AM	474300.000	25.867	16.909	58.960	4197.523	4964.717	2.688
238.236	1.001	14.764					3.376
11/21/2016 10:00:00 AM	475200.000	25.865	16.911	58.954	4197.858	4964.994	2.688
238.217	1.001	14.761					3.376
11/21/2016 10:15:00 AM	476100.000	25.873	16.910	58.972	4198.605	4965.976	2.689
238.174	1.001	14.764					3.377
11/21/2016 10:30:00 AM	477000.000	25.869	16.911	58.963	4198.011	4965.176	2.688
238.208	1.001	14.764					3.376
11/21/2016 10:45:00 AM	477900.000	25.865	16.909	58.954	4199.233	4966.739	2.689
238.139	1.001	14.766					3.377
11/21/2016 11:00:00 AM	478800.000	25.873	16.910	58.973	4199.278	4966.764	2.689
238.136	1.001	14.765					3.377
11/21/2016 11:15:00 AM	479700.000	25.871	16.910	58.967	4199.197	4966.649	2.689
238.141	1.001	14.764					3.377
11/21/2016 11:30:00 AM	480600.000	25.871	16.910	58.968	4198.752	4966.091	2.689
238.166	1.001	14.766					3.377
11/21/2016 11:45:00 AM	481500.000	25.872	16.910	58.970	4199.283	4966.778	2.689
238.136	1.001	14.761					3.378
11/21/2016 12:00:00 PM	482400.000	25.873	16.910	58.972	4199.731	4967.281	2.690
238.110	1.001	14.760					3.378
11/21/2016 12:15:00 PM	483300.000	25.872	16.909	58.970	4199.936	4967.569	2.690
238.099	1.001	14.759					3.378
11/21/2016 12:30:00 PM	484200.000	25.875	16.910	58.977	4200.092	4967.735	2.690
238.090	1.001	14.759					3.378
11/21/2016 12:45:00 PM	485100.000	25.870	16.910	58.966	4200.556	4968.255	2.690
238.064	1.001	14.762					3.378
11/21/2016 1:00:00 PM	486000.000	25.870	16.910	58.967	4200.167	4967.824	2.690
238.086	1.001	14.757					3.378
11/21/2016 1:15:00 PM	486900.000	25.876	16.910	58.979	4200.317	4967.973	2.690
238.077	1.001	14.758					3.378
11/21/2016 1:30:00 PM	487800.000	25.875	16.910	58.976	4200.659	4968.386	2.690
238.058	1.001	14.755					3.379
11/21/2016 1:45:00 PM	488700.000	25.872	16.909	58.970	4201.154	4969.031	2.691
238.030	1.001	14.759					3.379
11/21/2016 2:00:00 PM	489600.000	25.870	16.910	58.967	4201.419	4969.216	2.691
238.015	1.001	14.761					3.379
11/21/2016 2:15:00 PM	490500.000	25.873	16.910	58.972	4201.453	4969.325	2.691
238.013	1.001	14.756					3.379
11/21/2016 2:30:00 PM	491400.000	25.879	16.910	58.986	4201.787	4969.731	2.691
237.994	1.001	14.759					3.379
11/21/2016 2:45:00 PM	492300.000	25.871	16.910	58.967	4201.870	4969.799	2.691
237.989	1.001	14.759					3.379
11/21/2016 3:00:00 PM	493200.000	25.884	16.909	58.998	4201.777	4969.758	2.691
237.995	1.001	14.763					3.379
11/21/2016 3:15:00 PM	494100.000	25.877	16.910	58.981	4201.163	4968.934	2.691
238.029	1.001	14.760					3.379
11/21/2016 3:30:00 PM	495000.000	25.875	16.910	58.977	4201.675	4969.599	2.691
238.000	1.001	14.762					3.379
11/21/2016 3:45:00 PM	495900.000	25.867	16.910	58.958	4201.729	4969.613	2.691
237.997	1.001	14.769					3.379
11/21/2016 4:00:00 PM	496800.000	25.870	16.910	58.966	4201.194	4969.019	2.691
238.028	1.001	14.766					3.379
11/21/2016 4:15:00 PM	497700.000	25.873	16.910	58.973	4201.006	4968.788	2.691
238.038	1.001	14.766					3.379
11/21/2016 4:30:00 PM	498600.000	25.869	16.909	58.963	4201.097	4968.943	2.691
238.033	1.001	14.771					3.379
11/21/2016 4:45:00 PM	499500.000	25.876	16.911	58.979	4201.189	4968.915	2.691
238.028	1.001	14.765					3.379
11/21/2016 5:00:00 PM	500400.000	25.880	16.910	58.988	4201.500	4969.362	2.691
238.010	1.001	14.762					3.379
11/21/2016 5:15:00 PM	501300.000	25.874	16.910	58.976	4200.631	4968.354	2.690
238.059	1.001	14.768					3.378
11/21/2016 5:30:00 PM	502200.000	25.869	16.909	58.963	4200.659	4968.455	2.690
238.058	1.001	14.775					3.379
11/21/2016 5:45:00 PM	503100.000	25.873	16.910	58.973	4200.827	4968.604	2.690
238.048	1.001	14.775					3.379
11/21/2016 6:00:00 PM	504000.000	25.869	16.910	58.963	4200.423	4968.118	2.690
238.071	1.001	14.781					3.378
11/21/2016 6:15:00 PM	504900.000	25.866	16.910	58.957	4200.942	4968.702	2.691
238.042	1.001	14.783					3.379
11/21/2016 6:30:00 PM	505800.000	25.863	16.910	58.949	4200.220	4967.867	2.690
238.083	1.001	14.787					3.378
11/21/2016 6:45:00 PM	506700.000	25.871	16.910	58.968	4200.434	4968.140	2.690
238.071	1.001	14.786					3.378
11/21/2016 7:00:00 PM	507600.000	25.868	16.910	58.960	4200.144	4967.768	2.690
238.087	1.001	14.788					3.378
11/21/2016 7:15:00 PM	508500.000	25.870	16.909	58.966	4200.143	4967.864	2.690
238.087	1.001	14.789					3.378
11/21/2016 7:30:00 PM	509400.000	25.869	16.910	58.964	4199.646	4967.208	2.690
238.115	1.001	14.791					3.377
11/21/2016 7:45:00 PM	510300.000	25.862	16.910	58.947	4199.429	4966.872	2.689
238.128	1.001	14.799					3.377
11/21/2016 8:00:00 PM	511200.000	25.875	16.910	58.978	4199.390	4966.916	2.689
238.130	1.001	14.789					3.378
11/21/2016 8:15:00 PM	512100.000	25.869	16.910	58.964	4199.734	4967.284	2.690
238.110	1.001	14.799					3.377
11/21/2016 8:30:00 PM	513000.000	25.869	16.909	58.964	4199.323	4966.845	2.689
238.134	1.001	14.798					3.377
11/21/2016 8:45:00 PM	513900.000	25.868	16.910	58.961	4199.343	4966.782	2.689
238.132	1.001	14.807					3.377
11/21/2016 9:00:00 PM	514800.000	25.872	16.910	58.969	4199.256	4966.738	2.689
238.137	1.001	14.805					3.377
11/21/2016 9:15:00 PM	515700.000	25.870	16.910	58.965	4199.370	4966.881	2.689
238.131	1.001	14.804					3.377
11/21/2016 9:30:00 PM	516600.000	25.867	16.910	58.958	4199.398	4966.856	2.689
238.129	1.001	14.810					3.377
11/21/2016 9:45:00 PM	517500.000	25.865	16.910	58.953	4198.925	4966.266	2.689
238.156	1.001	14.810					3.377
11/21/2016 10:00:00 PM	518400.000	25.870	16.910	58.967	4198.999	4966.402	2.689
238.152	1.001	14.809					3.377
11/21/2016 10:15:00 PM	519300.000	25.864	16.910	58.952	4198.799	4966.147	2.689
238.163	1.001	14.817					3.377
11/21/2016 10:30:00 PM	520200.000	25.875	16.910	58.977	4199.147	4966.628	2.689
238.144	1.001	14.809					3.377
11/21/2016 10:45:00 PM	521100.000	25.864	16.910	58.953	4199.252	4966.703	2.689
238.138	1.001	14.818					3.377
11/21/2016 11:00:00 PM	522000.000	25.866	16.910	58.956	4199.047	4966.500	2.689
238.149	1.001	14.812					3.377
11/21/2016 11:15:00 PM	522900.000	25.877	16.910	58.982	4198.310	4965.560	2.689
238.191	1.001	14.811					3.377
11/21/2016 11:30:00 PM	523800.000	25.870	16.910	58.967	4198.937	4966.379	2.689
238.156	1.001	14.814					3.378
11/21/2016 11:45:00 PM	524700.000	25.875	16.910	58.976	4199.523	4967.054	2.690
238.122	1.001	14.809					3.378
11/22/2016 12:00:00 AM	525600.000	25.874	16.910	58.975	4199.940	4967.497	2.690
238.099	1.001	14.809					3.378
11/22/2016 12:15:00 AM	526500.000	25.870	16.910	58.967	4200.035	4967.647	2.690
238.093	1.001	14.815					3.378
11/22/2016 12:30:00 AM	527400.000	25.862	16.910	58.948	4199.273	4966.758	2.689
238.136	1.001	14.819					3.377

11/22/2016 12:45:00 AM	528300.000	25.867	16.910	58.959	4199.612	4967.100	2.690	3.378
238.117	1.001	14.815						
11/22/2016 1:00:00 AM	529200.000	25.869	16.910	58.963	4200.470	4968.182	2.690	3.378
238.069	1.001	14.812						
11/22/2016 1:15:00 AM	530100.000	25.872	16.910	58.969	4200.242	4967.904	2.690	3.378
238.082	1.001	14.810						
11/22/2016 1:30:00 AM	531000.000	25.881	16.910	58.991	4200.731	4968.472	2.690	3.379
238.054	1.001	14.800						
11/22/2016 1:45:00 AM	531900.000	25.870	16.910	58.965	4200.153	4967.798	2.690	3.378
238.087	1.001	14.809						
11/22/2016 2:00:00 AM	532800.000	25.865	16.910	58.954	4201.397	4969.239	2.691	3.379
238.016	1.001	14.819						
11/22/2016 2:15:00 AM	533700.000	25.865	16.910	58.954	4200.776	4968.516	2.690	3.379
238.051	1.001	14.816						
11/22/2016 2:30:00 AM	534600.000	25.871	16.910	58.967	4201.271	4969.082	2.691	3.379
238.023	1.001	14.808						
11/22/2016 2:45:00 AM	535500.000	25.873	16.910	58.973	4201.414	4969.259	2.691	3.379
238.015	1.001	14.817						
11/22/2016 3:00:00 AM	536400.000	25.863	16.910	58.951	4201.522	4969.398	2.691	3.379
238.009	1.001	14.817						
11/22/2016 3:15:00 AM	537300.000	25.875	16.910	58.978	4200.907	4968.671	2.691	3.379
238.044	1.001	14.809						
11/22/2016 3:30:00 AM	538200.000	25.873	16.910	58.972	4201.645	4969.504	2.691	3.379
238.002	1.001	14.810						
11/22/2016 3:45:00 AM	539100.000	25.874	16.910	58.974	4201.394	4969.286	2.691	3.379
238.016	1.001	14.812						
11/22/2016 4:00:00 AM	540000.000	25.873	16.910	58.972	4201.435	4969.304	2.691	3.379
238.014	1.001	14.814						
11/22/2016 4:15:00 AM	540900.000	25.865	16.910	58.954	4201.576	4969.501	2.691	3.379
238.006	1.001	14.814						
11/22/2016 4:30:00 AM	541800.000	25.871	16.910	58.967	4202.190	4970.149	2.691	3.380
237.971	1.001	14.813						
11/22/2016 4:45:00 AM	542700.000	25.872	16.910	58.970	4202.114	4970.067	2.691	3.380
237.975	1.001	14.814						
11/22/2016 5:00:00 AM	543600.000	25.874	16.910	58.974	4201.512	4969.395	2.691	3.379
238.010	1.001	14.814						
11/22/2016 5:15:00 AM	544500.000	25.868	16.910	58.961	4201.812	4969.681	2.691	3.379
237.993	1.001	14.820						
11/22/2016 5:30:00 AM	545400.000	25.875	16.910	58.978	4202.100	4970.042	2.691	3.380
237.976	1.001	14.815						
11/22/2016 5:45:00 AM	546300.000	25.877	16.909	58.981	4201.608	4969.567	2.691	3.379
238.004	1.001	14.817						
11/22/2016 6:00:00 AM	547200.000	25.865	16.910	58.953	4202.513	4970.540	2.692	3.380
237.953	1.001	14.822						
11/22/2016 6:15:00 AM	548100.000	25.874	16.910	58.975	4202.264	4970.304	2.691	3.380
237.967	1.001	14.816						
11/22/2016 6:30:00 AM	549000.000	25.870	16.910	58.966	4201.893	4969.856	2.691	3.380
237.988	1.001	14.824						
11/22/2016 6:45:00 AM	549900.000	25.872	16.910	58.970	4202.091	4970.072	2.691	3.380
237.977	1.001	14.818						
11/22/2016 7:00:00 AM	550800.000	25.872	16.910	58.971	4202.341	4970.336	2.691	3.380
237.963	1.001	14.822						
11/22/2016 7:15:00 AM	551700.000	25.877	16.910	58.981	4201.957	4969.892	2.691	3.380
237.984	1.001	14.826	16.911	58.977	4202.242	4970.179	2.691	3.380
11/22/2016 7:30:00 AM	552600.000	25.875	16.911	58.977	4202.242	4970.179	2.691	3.380
237.968	1.001	14.829						
11/22/2016 7:45:00 AM	553500.000	25.871	16.910	58.969	4202.324	4970.286	2.691	3.380
237.964	1.001	14.830						
11/22/2016 8:00:00 AM	554400.000	25.867	16.911	58.960	4201.872	4969.683	2.691	3.379
237.989	1.001	14.830						
11/22/2016 8:15:00 AM	555300.000	25.873	16.910	58.973	4201.843	4969.728	2.691	3.379
237.991	1.001	14.829						
11/22/2016 8:30:00 AM	556200.000	25.866	16.910	58.956	4201.831	4969.772	2.691	3.379
237.991	1.001	14.834						
11/22/2016 8:45:00 AM	557100.000	25.864	16.911	58.951	4201.701	4969.500	2.691	3.379
237.999	1.001	14.837						
11/22/2016 9:00:00 AM	558000.000	25.868	16.910	58.961	4201.548	4969.449	2.691	3.379
238.007	1.001	14.836						
11/22/2016 9:15:00 AM	558900.000	25.866	16.910	58.956	4201.384	4969.184	2.691	3.379
238.017	1.001	14.838						
11/22/2016 9:30:00 AM	559800.000	25.874	16.909	58.974	4201.517	4969.509	2.691	3.379
238.009	1.001	14.829						
11/22/2016 9:45:00 AM	560700.000	25.875	16.909	58.978	4201.548	4969.488	2.691	3.379
238.007	1.001	14.833						
11/22/2016 10:00:00 AM	561600.000	25.870	16.910	58.967	4201.452	4969.335	2.691	3.379
238.013	1.001	14.838						
11/22/2016 10:15:00 AM	562500.000	25.869	16.910	58.964	4201.598	4969.488	2.691	3.379
238.005	1.001	14.836						
11/22/2016 10:30:00 AM	563400.000	25.868	16.911	58.962	4201.215	4968.936	2.691	3.379
238.026	1.001	14.835						
11/22/2016 10:45:00 AM	564300.000	25.876	16.910	58.979	4202.081	4970.048	2.691	3.380
237.977	1.001	14.830						
11/22/2016 11:00:00 AM	565200.000	25.876	16.911	58.980	4201.973	4969.861	2.691	3.380
237.983	1.001	14.826						
11/22/2016 11:15:00 AM	566100.000	25.869	16.911	58.965	4202.271	4970.185	2.691	3.380
237.967	1.001	14.829						
11/22/2016 11:30:00 AM	567000.000	25.880	16.910	58.987	4202.120	4970.054	2.691	3.380
237.975	1.001	14.818						
11/22/2016 11:45:00 AM	567900.000	25.882	16.910	58.993	4202.888	4971.034	2.692	3.380
237.932	1.001	14.817						
11/22/2016 12:00:00 PM	568800.000	25.878	16.910	58.983	4203.001	4971.168	2.692	3.380
237.925	1.001	14.814						
11/22/2016 12:15:00 PM	569700.000	25.886	16.910	59.001	4203.036	4971.217	2.692	3.380
237.923	1.001	14.807						
11/22/2016 12:30:00 PM	570600.000	25.879	16.909	58.986	4203.819	4972.174	2.693	3.381
237.879	1.001	14.810						
11/22/2016 12:45:00 PM	571500.000	25.879	16.910	58.986	4203.879	4972.186	2.693	3.381
237.876	1.001	14.811						
11/22/2016 1:00:00 PM	572400.000	25.878	16.910	58.985	4203.812	4972.107	2.692	3.381
237.879	1.001	14.810						
11/22/2016 1:15:00 PM	573300.000	25.877	16.910	58.982	4204.585	4973.001	2.693	3.382
237.836	1.001	14.808						
11/22/2016 1:30:00 PM	574200.000	25.878	16.910	58.983	4205.028	4973.573	2.693	3.382
237.811	1.001	14.807						
11/22/2016 1:45:00 PM	575100.000	25.879	16.910	58.985	4205.574	4974.160	2.694	3.382
237.780	1.001	14.802						
11/22/2016 2:00:00 PM	576000.000	25.882	16.910	58.992	4205.580	4974.198	2.694	3.382
237.779	1.001	14.800						
11/22/2016 2:15:00 PM	576900.000	25.881	16.910	58.992	4204.958	4973.490	2.693	3.382
237.815	1.001	14.803						
11/22/2016 2:30:00 PM	577800.000	25.875	16.910	58.977	4205.479	4974.099	2.694	3.382
237.785	1.001	14.809						
11/22/2016 2:45:00 PM	578700.000	25.877	16.911	58.983	4204.567	4972.930	2.693	3.382
237.837	1.001	14.808						
11/22/2016 3:00:00 PM	579600.000	25.885	16.910	59.000	4204.844	4973.336	2.693	3.382
237.821	1.001	14.801						
11/22/2016 3:15:00 PM	580500.000	25.871	16.910	58.969	4204.800	4973.303	2.693	3.382
237.823	1.001	14.809						
11/22/2016 3:30:00 PM	581400.000	25.874	16.909	58.974	4204.736	4973.247	2.693	3.382
237.827	1.001	14.811						
11/22/2016 3:45:00 PM	582300.000	25.861	16.911	58.990	4204.336	4972.647	2.693	3.381
237.850	1.001	14.805						
11/22/2016 4:00:00 PM	583200.000	25.878	16.910	58.984	4204.164	4972.503	2.693	3.381
237.859	1.001	14.807						
11/22/2016 4:15:00 PM	584100.000	25.875	16.910	58.978	4204.183	4972.546	2.693	3.381
237.858	1.001	14.809						
11/22/2016 4:30:00 PM	585000.000	25.880	16.910	58.989	4203.782	4972.080	2.692	3.381
237.881	1.001	14.809						
11/22/2016 4:45:00 PM	585900.000	25.871	16.910	58.969	4203.833	4972.081	2.692	3.381
237.878	1.001	14.813						
11/22/2016 5:00:00 PM	586800.000	25.879	16.910	58.986	4203.398	4971.637	2.692	3.381
237.903	1.001	14.809						
11/22/2016 5:15:00 PM	587700.000	25.874	16.910	58.974	4203.898			

237.874	1.001	14.812						
11/22/2016 5:30:00 PM	588600.000	25.879	16.910	58.986	4203.024	4971.155	2.692	3.380
237.924	1.001	14.809						
11/22/2016 5:45:00 PM	589500.000	25.869	16.910	58.964	4202.541	4970.572	2.692	3.380
237.951	1.001	14.811						
11/22/2016 6:00:00 PM	590400.000	25.869	16.910	58.963	4203.006	4971.123	2.692	3.380
237.925	1.001	14.814						
11/22/2016 6:15:00 PM	591300.000	25.873	16.910	58.973	4203.398	4971.567	2.692	3.381
237.903	1.001	14.813						
11/22/2016 6:30:00 PM	592200.000	25.872	16.910	58.971	4203.560	4971.808	2.692	3.381
237.894	1.001	14.814						
11/22/2016 6:45:00 PM	593100.000	25.879	16.910	58.986	4202.821	4970.935	2.692	3.380
237.935	1.001	14.807						
11/22/2016 7:00:00 PM	594000.000	25.873	16.910	58.973	4203.552	4971.779	2.692	3.381
237.894	1.001	14.809						
11/22/2016 7:15:00 PM	594900.000	25.876	16.910	58.980	4203.199	4971.362	2.692	3.381
237.914	1.001	14.813						
11/22/2016 7:30:00 PM	595800.000	25.873	16.910	58.972	4202.931	4971.064	2.692	3.380
237.929	1.001	14.816						
11/22/2016 7:45:00 PM	596700.000	25.879	16.910	58.986	4202.783	4970.829	2.692	3.380
237.938	1.001	14.810						
11/22/2016 8:00:00 PM	597600.000	25.877	16.911	58.981	4202.449	4970.424	2.692	3.380
237.956	1.001	14.814						
11/22/2016 8:15:00 PM	598500.000	25.876	16.910	58.980	4202.477	4970.507	2.692	3.380
237.955	1.001	14.814						
11/22/2016 8:30:00 PM	599400.000	25.883	16.910	58.996	4202.590	4970.701	2.692	3.380
237.948	1.001	14.808						
11/22/2016 8:45:00 PM	600300.000	25.873	16.910	58.972	4202.582	4970.601	2.692	3.380
237.949	1.001	14.813						
11/22/2016 9:00:00 PM	601200.000	25.882	16.910	58.993	4202.260	4970.291	2.691	3.380
237.967	1.001	14.807						
11/22/2016 9:15:00 PM	602100.000	25.876	16.909	58.978	4202.298	4970.374	2.691	3.380
237.965	1.001	14.812						
11/22/2016 9:30:00 PM	603000.000	25.880	16.910	58.989	4202.408	4970.446	2.692	3.380
237.959	1.001	14.809						
11/22/2016 9:45:00 PM	603900.000	25.881	16.910	58.990	4202.648	4970.690	2.692	3.380
237.945	1.001	14.807						
11/22/2016 10:00:00 PM	604800.000	25.885	16.910	59.000	4203.087	4971.230	2.692	3.380
237.920	1.001	14.809						
11/22/2016 10:15:00 PM	605700.000	25.872	16.910	58.971	4202.751	4970.832	2.692	3.380
237.939	1.001	14.815						
11/22/2016 10:30:00 PM	606600.000	25.880	16.910	58.988	4203.104	4971.258	2.692	3.380
237.919	1.001	14.811						
11/22/2016 10:45:00 PM	607500.000	25.875	16.910	58.977	4202.537	4970.587	2.692	3.380
237.952	1.001	14.814						
11/22/2016 11:00:00 PM	608400.000	25.874	16.911	58.974	4202.985	4971.039	2.692	3.380
237.926	1.001	14.816						
11/22/2016 11:15:00 PM	609300.000	25.880	16.909	58.989	4203.023	4971.232	2.692	3.380
237.924	1.001	14.814						
11/22/2016 11:30:00 PM	610200.000	25.885	16.910	58.999	4203.028	4971.188	2.692	3.380
237.924	1.001	14.810						
11/22/2016 11:45:00 PM	611100.000	25.883	16.910	58.996	4203.110	4971.265	2.692	3.380
237.919	1.001	14.807						
11/23/2016 12:00:00 AM	612000.000	25.876	16.910	58.979	4203.025	4971.176	2.692	3.380
237.924	1.001	14.808						
11/23/2016 12:15:00 AM	612900.000	25.869	16.909	58.963	4203.158	4971.391	2.692	3.381
237.916	1.001	14.818						
11/23/2016 12:30:00 AM	613800.000	25.881	16.910	58.991	4202.807	4970.857	2.692	3.380
237.936	1.001	14.812						
11/23/2016 12:45:00 AM	614700.000	25.885	16.910	59.000	4202.708	4970.771	2.692	3.380
237.942	1.001	14.805						
11/23/2016 1:00:00 AM	615600.000	25.884	16.910	58.998	4202.627	4970.645	2.692	3.380
237.946	1.001	14.801						
11/23/2016 1:15:00 AM	616500.000	25.892	16.910	58.993	4203.109	4971.255	2.692	3.380
237.919	1.001	14.804						
11/23/2016 1:30:00 AM	617400.000	25.880	16.910	58.989	4202.800	4970.859	2.692	3.380
237.937	1.001	14.803						
11/23/2016 1:45:00 AM	618300.000	25.875	16.911	58.977	4203.284	4971.412	2.692	3.381
237.909	1.001	14.810						
11/23/2016 2:00:00 AM	619200.000	25.878	16.910	58.984	4203.268	4971.452	2.692	3.381
237.910	1.001	14.809						
11/23/2016 2:15:00 AM	620100.000	25.871	16.910	58.969	4202.900	4971.037	2.692	3.380
237.931	1.001	14.818						
11/23/2016 2:30:00 AM	621000.000	25.872	16.910	58.971	4203.055	4971.151	2.692	3.380
237.922	1.001	14.818						
11/23/2016 2:45:00 AM	621900.000	25.878	16.911	58.985	4202.656	4970.621	2.692	3.380
237.945	1.001	14.812						
11/23/2016 3:00:00 AM	622800.000	25.878	16.911	58.983	4202.964	4971.024	2.692	3.380
237.927	1.001	14.814						
11/23/2016 3:15:00 AM	623700.000	25.881	16.911	58.992	4202.313	4970.175	2.691	3.380
237.964	1.001	14.814						
11/23/2016 3:30:00 AM	624600.000	25.874	16.911	58.975	4202.857	4970.839	2.692	3.380
237.953	1.001	14.827						
11/23/2016 3:45:00 AM	625500.000	25.869	16.910	58.964	4202.268	4970.241	2.691	3.380
237.967	1.001	14.831						
11/23/2016 4:00:00 AM	626400.000	25.867	16.911	58.959	4201.861	4969.700	2.691	3.379
237.890	1.001	14.837						
11/23/2016 4:15:00 AM	627300.000	25.868	16.911	58.961	4201.688	4969.496	2.691	3.379
238.000	1.001	14.839						
11/23/2016 4:30:00 AM	628200.000	25.867	16.911	58.959	4200.687	4968.301	2.690	3.378
238.056	1.001	14.846						
11/23/2016 4:45:00 AM	629100.000	25.871	16.911	58.967	4200.708	4968.326	2.690	3.378
238.065	1.001	14.845						
11/23/2016 5:00:00 AM	630000.000	25.874	16.911	58.975	4199.650	4967.065	2.690	3.378
238.115	1.001	14.842						
11/23/2016 5:15:00 AM	630900.000	25.879	16.910	58.986	4199.772	4967.337	2.690	3.378
238.108	1.001	14.852						
11/23/2016 5:30:00 AM	631800.000	25.868	16.910	58.962	4199.074	4966.452	2.689	3.377
238.148	1.001	14.851						
11/23/2016 5:45:00 AM	632700.000	25.866	16.911	58.956	4198.979	4966.262	2.689	3.377
238.153	1.001	14.853						
11/23/2016 6:00:00 AM	633600.000	25.862	16.910	58.949	4198.525	4965.793	2.689	3.377
238.179	1.001	14.863						
11/23/2016 6:15:00 AM	634500.000	25.868	16.911	58.960	4198.690	4965.958	2.689	3.377
238.170	1.001	14.859						
11/23/2016 6:30:00 AM	635400.000	25.873	16.911	58.974	4198.746	4966.005	2.689	3.377
238.166	1.001	14.853						
11/23/2016 6:45:00 AM	636300.000	25.867	16.910	58.958	4198.459	4965.776	2.689	3.377
238.183	1.001	14.865						
11/23/2016 7:00:00 AM	637200.000	25.863	16.910	58.950	4198.793	4966.159	2.689	3.377
238.164	1.001	14.866						
11/23/2016 7:15:00 AM	638100.000	25.871	16.910	58.969	4198.507	4965.781	2.689	3.377
238.180	1.001	14.867						
11/23/2016 7:30:00 AM	639000.000	25.867	16.911	58.959	4198.506	4965.721	2.689	3.377
238.180	1.001	14.872						
11/23/2016 7:45:00 AM	639900.000	25.870	16.911	58.965	4199.564	4966.963	2.690	3.378
238.120	1.001	14.872						
11/23/2016 8:00:00 AM	640800.000	25.868	16.911	58.961	4199.056	4966.412	2.689	3.377
238.149	1.001	14.877						
11/23/2016 8:15:00 AM	641700.000	25.862	16.911	58.948	4198.504	4965.681	2.689	3.377
238.180	1.001	14.884						
11/23/2016 8:30:00 AM	642600.000	25.873	16.911	58.972	4198.796	4966.104	2.689	3.377
238.164	1.001	14.878						
11/23/2016 8:45:00 AM	643500.000	25.865	16.911	58.955	4198.533	4965.773	2.689	3.377
238.178	1.001	14.886						
11/23/2016 9:00:00 AM	644400.000	25.870	16.911	58.965	4198.516	4965.715	2.689	3.377
238.179	1.001	14.887						
11/23/2016 9:15:00 AM	645300.000	25.870	16.911	58.965	4198.739	4965.998	2.689	3.377
238.167	1.001	14.892						
11/23/2016 9:30:00 AM	646200.000	25.863	16.911	58.950	4198.556	4965.791	2.689	3.377
238.177	1.001	14.893						
11/23/2016 9:45:00 AM	647100.000	25.870	16.911	58.966	4199.265	4966.610	2.689	3.377
238.137	1.001	14.888						

11/23/2016 10:00:00 AM	648000.000	25.869	16.911	58.964	4198.499	4965.724	2.689	3.377
238.180	1.001	14.894						
11/23/2016 10:15:00 AM	648900.000	25.858	16.910	58.937	4198.313	4965.563	2.689	3.377
238.191	1.001	14.905						
11/23/2016 10:30:00 AM	649800.000	25.867	16.910	58.958	4198.337	4965.620	2.689	3.377
238.190	1.001	14.900						
11/23/2016 10:45:00 AM	650700.000	25.864	16.911	58.952	4198.273	4965.486	2.689	3.377
238.193	1.001	14.901						
11/23/2016 11:00:00 AM	651600.000	25.870	16.911	58.965	4198.222	4965.385	2.689	3.376
238.196	1.001	14.897						
11/23/2016 11:15:00 AM	652500.000	25.863	16.911	58.950	4198.580	4965.829	2.689	3.377
238.176	1.001	14.896						
11/23/2016 11:30:00 AM	653400.000	25.874	16.911	58.975	4199.096	4966.400	2.689	3.377
238.147	1.001	14.891						
11/23/2016 11:45:00 AM	654300.000	25.872	16.911	58.971	4198.968	4966.258	2.689	3.377
238.154	1.001	14.891						
11/23/2016 12:00:00 PM	655200.000	25.870	16.910	58.966	4198.602	4965.953	2.689	3.377
238.175	1.001	14.890						
11/23/2016 12:15:00 PM	656100.000	25.876	16.911	58.980	4199.068	4966.417	2.689	3.377
238.148	1.001	14.886						
11/23/2016 12:30:00 PM	657000.000	25.875	16.910	58.977	4199.260	4966.703	2.689	3.377
238.137	1.001	14.883						
11/23/2016 12:45:00 PM	657900.000	25.874	16.911	58.976	4199.596	4967.001	2.690	3.378
238.118	1.001	14.878						
11/23/2016 1:00:00 PM	658800.000	25.879	16.911	58.987	4199.536	4966.970	2.690	3.378
238.122	1.001	14.873						
11/23/2016 1:15:00 PM	659700.000	25.875	16.910	58.976	4200.491	4968.128	2.690	3.378
238.067	1.001	14.876						
11/23/2016 1:30:00 PM	660600.000	25.876	16.910	58.979	4200.792	4968.523	2.690	3.379
238.050	1.001	14.871						
11/23/2016 1:45:00 PM	661500.000	25.876	16.910	58.978	4200.905	4968.618	2.690	3.379
238.044	1.001	14.873						
11/23/2016 2:00:00 PM	662400.000	25.871	16.911	58.969	4201.213	4968.963	2.691	3.379
238.026	1.001	14.877						
11/23/2016 2:15:00 PM	663300.000	25.869	16.910	58.963	4201.594	4969.423	2.691	3.379
238.005	1.001	14.879						
11/23/2016 2:30:00 PM	664200.000	25.874	16.910	58.974	4202.100	4970.022	2.691	3.380
237.976	1.001	14.874						
11/23/2016 2:45:00 PM	665100.000	25.875	16.910	58.977	4202.639	4970.659	2.692	3.380
237.946	1.001	14.870						
11/23/2016 3:00:00 PM	666000.000	25.870	16.911	58.966	4202.584	4970.545	2.692	3.380
237.949	1.001	14.872						
11/23/2016 3:15:00 PM	666900.000	25.870	16.911	58.965	4201.750	4969.568	2.691	3.379
237.996	1.001	14.874						
11/23/2016 3:30:00 PM	667800.000	25.869	16.911	58.963	4202.118	4970.032	2.691	3.380
237.975	1.001	14.875						
11/23/2016 3:45:00 PM	668700.000	25.874	16.910	58.975	4201.789	4969.703	2.691	3.379
237.964	1.001	14.872						
11/23/2016 4:00:00 PM	669600.000	25.877	16.911	58.981	4202.054	4969.958	2.691	3.380
237.979	1.001	14.871						
11/23/2016 4:15:00 PM	670500.000	25.873	16.911	58.971	4201.131	4968.856	2.691	3.379
238.031	1.001	14.874						
11/23/2016 4:30:00 PM	671400.000	25.868	16.910	58.960	4200.841	4968.542	2.690	3.379
238.048	1.001	14.874						
11/23/2016 4:45:00 PM	672300.000	25.877	16.911	58.981	4200.550	4968.121	2.690	3.378
238.064	1.001	14.866						
11/23/2016 5:00:00 PM	673200.000	25.870	16.910	58.965	4200.769	4968.477	2.690	3.379
238.052	1.001	14.875						
11/23/2016 5:15:00 PM	674100.000	25.874	16.911	58.976	4200.297	4967.840	2.690	3.378
238.078	1.001	14.877						
11/23/2016 5:30:00 PM	675000.000	25.878	16.911	58.983	4200.308	4967.882	2.690	3.378
238.078	1.001	14.877						
11/23/2016 5:45:00 PM	675900.000	25.871	16.910	58.968	4200.144	4967.729	2.690	3.378
238.087	1.001	14.879						
11/23/2016 6:00:00 PM	676800.000	25.870	16.911	58.966	4200.416	4967.991	2.690	3.378
238.072	1.001	14.882						
11/23/2016 6:15:00 PM	677700.000	25.869	16.911	58.964	4199.840	4967.310	2.690	3.378
238.104	1.001	14.881						
11/23/2016 6:30:00 PM	678600.000	25.868	16.911	58.962	4200.081	4967.624	2.690	3.378
238.091	1.001	14.888						
11/23/2016 6:45:00 PM	679500.000	25.865	16.911	58.954	4200.366	4967.872	2.690	3.378
238.075	1.001	14.886						
11/23/2016 7:00:00 PM	680400.000	25.872	16.911	58.970	4200.020	4967.482	2.690	3.378
238.094	1.001	14.889						
11/23/2016 7:15:00 PM	681300.000	25.871	16.910	58.969	4199.832	4967.388	2.690	3.378
238.105	1.001	14.886						
11/23/2016 7:30:00 PM	682200.000	25.872	16.911	58.970	4200.019	4967.521	2.690	3.378
238.094	1.001	14.891						
11/23/2016 7:45:00 PM	683100.000	25.870	16.910	58.966	4199.517	4967.016	2.690	3.378
238.123	1.001	14.892						
11/23/2016 8:00:00 PM	684000.000	25.878	16.911	58.983	4199.424	4966.789	2.689	3.377
238.128	1.001	14.891						
11/23/2016 8:15:00 PM	684900.000	25.868	16.910	58.962	4199.454	4966.892	2.689	3.377
238.126	1.001	14.896						
11/23/2016 8:30:00 PM	685800.000	25.874	16.910	58.975	4198.998	4966.374	2.689	3.377
238.152	1.001	14.891						
11/23/2016 8:45:00 PM	686700.000	25.875	16.910	58.977	4198.808	4966.127	2.689	3.377
238.163	1.001	14.895						
11/23/2016 9:00:00 PM	687600.000	25.875	16.910	58.976	4199.545	4967.000	2.690	3.378
238.121	1.001	14.892						
11/23/2016 9:15:00 PM	688500.000	25.874	16.911	58.975	4199.998	4967.525	2.690	3.378
238.095	1.001	14.893						
11/23/2016 9:30:00 PM	689400.000	25.872	16.911	58.970	4199.922	4967.407	2.690	3.378
238.100	1.001	14.898						
11/23/2016 9:45:00 PM	690300.000	25.871	16.911	58.968	4200.374	4967.912	2.690	3.378
238.074	1.001	14.899						
11/23/2016 10:00:00 PM	691200.000	25.873	16.911	58.972	4199.456	4966.796	2.689	3.377
238.126	1.001	14.896						
11/23/2016 10:15:00 PM	692100.000	25.864	16.910	58.953	4199.254	4966.655	2.689	3.377
238.138	1.001	14.903						
11/23/2016 10:30:00 PM	693000.000	25.869	16.910	58.962	4199.434	4966.889	2.689	3.377
238.127	1.001	14.900						
11/23/2016 10:45:00 PM	693900.000	25.872	16.910	58.971	4200.003	4967.571	2.690	3.378
238.095	1.001	14.900						
11/23/2016 11:00:00 PM	694800.000	25.867	16.911	58.958	4200.366	4967.922	2.690	3.378
238.074	1.001	14.905						
11/23/2016 11:15:00 PM	695700.000	25.868	16.911	58.961	4200.004	4967.533	2.690	3.378
238.095	1.001	14.907						
11/23/2016 11:30:00 PM	696600.000	25.872	16.911	58.970	4199.772	4967.259	2.690	3.378
238.108	1.001	14.904						
11/23/2016 11:45:00 PM	697500.000	25.868	16.911	58.960	4200.082	4967.585	2.690	3.378
238.091	1.001	14.906						

Report Date: 11/28/2016 8:34:39 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:

File Name: MPWSP TSW Trans 2_2016-11-24_15-28-43-157.wsl
Create Date: 11/24/2016 3:26:48 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: 838

Sensors: 1

1 - 396433: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time		SN#: 396433	SN#: 396433
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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11/17/2016 12:00:00 AM	93600.000		10.801
16.290	24.331		35255.164
42290.582	27.279		28.758
28.365	1.020		
11/17/2016 12:15:00 AM	94500.000		10.900
16.290	24.553		34803.582
41748.648	26.892		28.389
28.733	1.019		
11/17/2016 12:30:00 AM	95400.000		10.858
16.291	24.459		35221.094
42248.863	27.249		28.729
28.392	1.020		
11/17/2016 12:45:00 AM	96300.000		10.755
16.236	24.227		39622.070
47587.477	31.097		32.359
25.238	1.023		
11/17/2016 1:00:00 AM	97200.000		10.875
16.246	24.498		39651.121
47612.262	31.116		32.376
25.220	1.023		
11/17/2016 1:15:00 AM	98100.000		10.689
16.251	24.078		39675.957

47636.215	31.133	32.393
25.204	1.023	
11/17/2016 1:30:00 AM	99000.000	10.649
16.248	23.989	39646.324
47604.484	31.110	32.371
25.223	1.023	
11/17/2016 1:45:00 AM	99900.000	10.659
16.287	24.011	39274.949
47116.270	30.757	32.039
25.462	1.022	
11/17/2016 2:00:00 AM	100800.000	10.717
16.283	24.142	38591.965
46301.227	30.166	31.485
25.912	1.022	
11/17/2016 2:15:00 AM	101700.000	10.649
16.287	23.989	37294.492
44740.414	29.037	30.423
26.814	1.021	
11/17/2016 2:30:00 AM	102600.000	10.713
16.286	24.133	38067.051
45668.133	29.707	31.054
26.269	1.022	
11/17/2016 2:45:00 AM	103500.000	10.707
16.288	24.120	36384.387
43647.445	28.251	29.680
27.484	1.021	
11/17/2016 3:00:00 AM	104400.000	10.481
16.288	23.610	36288.230
43531.840	28.168	29.602
27.557	1.020	
11/17/2016 3:15:00 AM	105300.000	10.925
16.288	24.609	35951.895
43128.008	27.878	29.327
27.815	1.020	
11/17/2016 3:30:00 AM	106200.000	10.933
16.291	24.628	35623.832
42732.133	27.595	29.058
28.071	1.020	
11/17/2016 3:45:00 AM	107100.000	11.022
16.291	24.829	36752.727
44085.938	28.566	29.978
27.209	1.021	
11/17/2016 4:00:00 AM	108000.000	10.852
16.293	24.444	35492.297
42572.547	27.481	28.949
28.175	1.020	
11/17/2016 4:15:00 AM	108900.000	10.904
16.293	24.562	35788.023
42927.355	27.735	29.191
27.942	1.020	
11/17/2016 4:30:00 AM	109800.000	11.011
16.292	24.803	36060.848
43255.305	27.970	29.414
27.731	1.020	
11/17/2016 4:45:00 AM	110700.000	10.990
16.293	24.756	36383.082
43641.125	28.247	29.676

27.485	1.020	
11/17/2016 5:00:00 AM	111600.000	11.007
16.294	24.793	35430.688
42497.793	27.427	28.899
28.224	1.020	
11/17/2016 5:15:00 AM	112500.000	11.065
16.294	24.924	35026.066
42012.121	27.080	28.568
28.550	1.020	
11/17/2016 5:30:00 AM	113400.000	10.935
16.294	24.631	35704.367
42825.891	27.662	29.122
28.008	1.020	
11/17/2016 5:45:00 AM	114300.000	10.921
16.293	24.600	35359.313
42412.523	27.366	28.841
28.281	1.020	
11/17/2016 6:00:00 AM	115200.000	10.982
16.292	24.738	35630.785
42739.098	27.600	29.063
28.066	1.020	
11/17/2016 6:15:00 AM	116100.000	10.949
16.294	24.664	35353.113
42404.059	27.360	28.835
28.286	1.020	
11/17/2016 6:30:00 AM	117000.000	10.886
16.240	24.523	39677.660
47650.488	31.143	32.402
25.203	1.023	
11/17/2016 6:45:00 AM	117900.000	11.097
16.237	24.998	39631.527
47597.777	31.105	32.366
25.232	1.023	
11/17/2016 7:00:00 AM	118800.000	11.053
16.238	24.897	39617.484
47579.957	31.092	32.354
25.241	1.023	
11/17/2016 7:15:00 AM	119700.000	11.055
16.240	24.902	39620.879
47581.832	31.093	32.356
25.239	1.023	
11/17/2016 7:30:00 AM	120600.000	11.083
16.245	24.966	39548.379
47489.766	31.026	32.293
25.285	1.023	
11/17/2016 7:45:00 AM	121500.000	11.193
16.279	25.214	39586.047
47498.289	31.035	32.299
25.261	1.023	
11/17/2016 8:00:00 AM	122400.000	11.163
16.290	25.147	39499.074
47381.211	30.950	32.219
25.317	1.023	
11/17/2016 8:15:00 AM	123300.000	11.219
16.288	25.273	39466.289
47344.754	30.924	32.194
25.338	1.023	

11/17/2016 8:30:00 AM	124200.000	11.487
16.292	25.876	39365.090
47218.094	30.832	32.108
25.403	1.022	
11/17/2016 8:45:00 AM	125100.000	11.544
16.294	26.004	39427.926
47291.469	30.885	32.158
25.363	1.023	
11/17/2016 9:00:00 AM	126000.000	11.599
16.291	26.128	39495.070
47375.348	30.946	32.215
25.320	1.023	
11/17/2016 9:15:00 AM	126900.000	11.687
16.290	26.325	39520.730
47407.105	30.969	32.237
25.303	1.023	
11/17/2016 9:30:00 AM	127800.000	11.596
16.285	26.121	39521.172
47413.082	30.973	32.241
25.303	1.023	
11/17/2016 9:45:00 AM	128700.000	11.504
16.280	25.915	39524.391
47423.074	30.980	32.248
25.301	1.023	
11/17/2016 10:00:00 AM	129600.000	11.605
16.275	26.141	39559.523
47470.406	31.014	32.280
25.278	1.023	
11/17/2016 10:15:00 AM	130500.000	11.505
16.292	25.915	39458.254
47330.898	30.914	32.185
25.343	1.023	
11/17/2016 10:30:00 AM	131400.000	11.555
16.292	26.029	39214.500
47037.465	30.701	31.985
25.501	1.022	
11/17/2016 10:45:00 AM	132300.000	11.529
16.278	25.969	39445.848
47330.648	30.913	32.185
25.351	1.023	
11/17/2016 11:00:00 AM	133200.000	11.495
16.294	25.893	39439.617
47305.492	30.896	32.168
25.355	1.023	
11/17/2016 11:15:00 AM	134100.000	11.394
16.292	25.666	39458.246
47330.223	30.913	32.185
25.343	1.023	
11/17/2016 11:30:00 AM	135000.000	11.339
16.284	25.543	39521.582
47414.813	30.974	32.242
25.303	1.023	
11/17/2016 11:45:00 AM	135900.000	11.340
16.295	25.543	39463.836
47333.297	30.916	32.187
25.340	1.023	
11/17/2016 12:00:00 PM	136800.000	11.343

16.291	25.550	38467.656
46143.500	30.052	31.378
25.996	1.022	
11/17/2016 12:15:00 PM	137700.000	11.276
16.289	25.401	38367.117
46024.574	29.966	31.297
26.064	1.022	
11/17/2016 12:30:00 PM	138600.000	11.205
16.295	25.240	39387.855
47242.742	30.850	32.125
25.389	1.022	
11/17/2016 12:45:00 PM	139500.000	11.272
16.293	25.392	39467.668
47340.293	30.921	32.191
25.337	1.023	
11/17/2016 1:00:00 PM	140400.000	11.175
16.294	25.172	36840.895
44188.668	28.640	30.048
27.144	1.021	
11/17/2016 1:15:00 PM	141300.000	11.087
16.293	24.974	37554.762
45046.449	29.259	30.632
26.628	1.021	
11/17/2016 1:30:00 PM	142200.000	11.189
16.293	25.203	37964.926
45538.250	29.614	30.966
26.340	1.022	
11/17/2016 1:45:00 PM	143100.000	11.089
16.243	24.980	39617.031
47574.117	31.088	32.350
25.242	1.023	
11/17/2016 2:00:00 PM	144000.000	11.020
16.232	24.823	39648.777
47624.277	31.123	32.385
25.221	1.023	
11/17/2016 2:15:00 PM	144900.000	10.903
16.238	24.561	39613.039
47574.434	31.088	32.351
25.244	1.023	
11/17/2016 2:30:00 PM	145800.000	10.905
16.235	24.564	39661.137
47635.938	31.132	32.392
25.214	1.023	
11/17/2016 2:45:00 PM	146700.000	10.926
16.239	24.611	39621.918
47584.516	31.095	32.357
25.239	1.023	
11/17/2016 3:00:00 PM	147600.000	10.626
16.287	23.935	39464.555
47342.965	30.922	32.193
25.339	1.023	
11/17/2016 3:15:00 PM	148500.000	10.692
16.287	24.086	37659.137
45177.305	29.353	30.721
26.554	1.021	
11/17/2016 3:30:00 PM	149400.000	10.591
16.288	23.858	37987.539

45569.973	29.637	30.988
26.324	1.022	
11/17/2016 3:45:00 PM	150300.000	10.716
16.289	24.140	35555.047
42651.871	27.537	29.003
28.125	1.020	
11/17/2016 4:00:00 PM	151200.000	10.613
16.290	23.906	36241.891
43474.215	28.127	29.562
27.592	1.020	
11/17/2016 4:15:00 PM	152100.000	10.653
16.290	23.997	35594.707
42698.059	27.570	29.035
28.094	1.020	
11/17/2016 4:30:00 PM	153000.000	10.933
16.289	24.628	35278.395
42319.223	27.299	28.777
28.346	1.020	
11/17/2016 4:45:00 PM	153900.000	11.043
16.295	24.875	35606.793
42707.645	27.577	29.041
28.085	1.020	
11/17/2016 5:00:00 PM	154800.000	11.021
16.295	24.825	35571.207
42665.223	27.547	29.012
28.113	1.020	
11/17/2016 5:15:00 PM	155700.000	11.044
16.295	24.879	36101.000
43300.070	28.002	29.444
27.700	1.020	
11/17/2016 5:30:00 PM	156600.000	11.045
16.295	24.881	35053.824
42044.070	27.103	28.590
28.528	1.020	
11/17/2016 5:45:00 PM	157500.000	11.126
16.296	25.063	36734.883
44060.070	28.548	29.961
27.222	1.021	
11/17/2016 6:00:00 PM	158400.000	11.023
16.294	24.831	35358.277
42410.254	27.365	28.839
28.282	1.020	
11/17/2016 6:15:00 PM	159300.000	11.059
16.295	24.910	35016.832
42000.371	27.072	28.560
28.558	1.020	
11/17/2016 6:30:00 PM	160200.000	11.104
16.295	25.013	36300.676
43540.074	28.174	29.607
27.548	1.020	
11/17/2016 6:45:00 PM	161100.000	10.986
16.295	24.748	35584.352
42680.559	27.558	29.023
28.102	1.020	
11/17/2016 7:00:00 PM	162000.000	10.974
16.295	24.720	35635.832
42742.305	27.602	29.065

28.062	1.020	
11/17/2016 7:15:00 PM	162900.000	10.984
16.295	24.743	35082.324
42078.840	27.128	28.614
28.504	1.020	
11/17/2016 7:30:00 PM	163800.000	10.987
16.295	24.750	35217.949
42241.168	27.244	28.724
28.395	1.020	
11/17/2016 7:45:00 PM	164700.000	10.966
16.233	24.703	39606.984
47573.023	31.086	32.350
25.248	1.023	
11/17/2016 8:00:00 PM	165600.000	10.979
16.235	24.731	39647.293
47619.605	31.120	32.381
25.222	1.023	
11/17/2016 8:15:00 PM	166500.000	10.996
16.237	24.769	39619.844
47584.512	31.095	32.357
25.240	1.023	
11/17/2016 8:30:00 PM	167400.000	10.948
16.241	24.661	39610.531
47568.133	31.083	32.346
25.246	1.023	
11/17/2016 8:45:00 PM	168300.000	10.947
16.279	24.659	39579.766
47489.988	31.029	32.293
25.265	1.023	
11/17/2016 9:00:00 PM	169200.000	10.871
16.287	24.489	39529.590
47421.836	30.980	32.247
25.298	1.023	
11/17/2016 9:15:00 PM	170100.000	10.758
16.288	24.233	38084.344
45686.379	29.721	31.067
26.258	1.022	
11/17/2016 9:30:00 PM	171000.000	10.895
16.289	24.541	38537.973
46229.727	30.114	31.436
25.948	1.022	
11/17/2016 9:45:00 PM	171900.000	10.783
16.293	24.289	37708.930
45231.371	29.392	30.757
26.519	1.021	
11/17/2016 10:00:00 PM	172800.000	10.705
16.294	24.115	35323.332
42368.676	27.335	28.811
28.310	1.020	
11/17/2016 10:15:00 PM	173700.000	10.712
16.294	24.129	36258.887
43490.578	28.139	29.574
27.579	1.020	
11/17/2016 10:30:00 PM	174600.000	10.780
16.293	24.284	35341.703
42391.402	27.351	28.826
28.295	1.020	

11/17/2016 10:45:00 PM	175500.000	10.725
16.293	24.159	35825.785
42972.391	27.767	29.221
27.913	1.020	
11/17/2016 11:00:00 PM	176400.000	10.719
16.294	24.145	35188.848
42207.199	27.219	28.701
28.418	1.020	
11/17/2016 11:15:00 PM	177300.000	10.731
16.295	24.173	34258.098
41090.316	26.423	27.941
29.190	1.019	
11/17/2016 11:30:00 PM	178200.000	10.709
16.239	24.122	39622.660
47585.590	31.096	32.358
25.238	1.023	
11/17/2016 11:45:00 PM	179100.000	10.782
16.241	24.288	39597.809
47553.063	31.072	32.336
25.254	1.023	
11/18/2016 12:00:00 AM	180000.000	10.647
16.249	23.983	39625.254
47578.027	31.091	32.353
25.236	1.023	
11/18/2016 12:15:00 AM	180900.000	10.753
16.291	24.223	39390.922
47251.184	30.856	32.131
25.387	1.022	
11/18/2016 12:30:00 AM	181800.000	10.674
16.289	24.044	39421.609
47289.238	30.883	32.157
25.367	1.023	
11/18/2016 12:45:00 AM	182700.000	10.694
16.291	24.088	37607.645
45111.156	29.305	30.676
26.590	1.021	
11/18/2016 1:00:00 AM	183600.000	10.621
16.291	23.924	37602.414
45105.246	29.301	30.672
26.594	1.021	
11/18/2016 1:15:00 AM	184500.000	10.610
16.292	23.901	37234.918
44663.441	28.982	30.371
26.857	1.021	
11/18/2016 1:30:00 AM	185400.000	10.531
16.293	23.723	35610.098
42713.766	27.582	29.045
28.082	1.020	
11/18/2016 1:45:00 AM	186300.000	10.606
16.294	23.890	35356.102
42407.984	27.363	28.837
28.284	1.020	
11/18/2016 2:00:00 AM	187200.000	10.619
16.296	23.921	34926.938
41890.945	26.994	28.486
28.631	1.020	
11/18/2016 2:15:00 AM	188100.000	10.641

16.238	23.969	39578.859
47533.383	31.058	32.323
25.266	1.023	
11/18/2016 2:30:00 AM	189000.000	10.574
16.239	23.820	39588.496
47544.664	31.066	32.330
25.260	1.023	
11/18/2016 2:45:00 AM	189900.000	10.635
16.288	23.957	39315.004
47162.980	30.791	32.071
25.436	1.022	
11/18/2016 3:00:00 AM	190800.000	10.541
16.289	23.745	39211.441
47037.324	30.700	31.985
25.503	1.022	
11/18/2016 3:15:00 AM	191700.000	10.573
16.293	23.817	37962.266
45535.156	29.612	30.964
26.342	1.022	
11/18/2016 3:30:00 AM	192600.000	10.469
16.294	23.583	36664.695
43977.852	28.489	29.905
27.274	1.021	
11/18/2016 3:45:00 AM	193500.000	10.706
16.292	24.116	36798.719
44139.754	28.605	30.015
27.175	1.021	
11/18/2016 4:00:00 AM	194400.000	10.666
16.296	24.027	35992.535
43169.348	27.908	29.355
27.784	1.020	
11/18/2016 4:15:00 AM	195300.000	10.904
16.298	24.561	36555.219
43842.645	28.392	29.813
27.356	1.021	
11/18/2016 4:30:00 AM	196200.000	10.972
16.299	24.716	36061.250
43248.969	27.966	29.409
27.731	1.020	
11/18/2016 4:45:00 AM	197100.000	10.873
16.300	24.493	35323.371
42362.660	27.331	28.807
28.310	1.020	
11/18/2016 5:00:00 AM	198000.000	10.797
16.300	24.321	35685.160
42796.547	27.641	29.102
28.023	1.020	
11/18/2016 5:15:00 AM	198900.000	10.946
16.299	24.656	36444.063
43708.184	28.295	29.722
27.439	1.021	
11/18/2016 5:30:00 AM	199800.000	10.963
16.301	24.694	35627.813
42727.078	27.592	29.054
28.068	1.020	
11/18/2016 5:45:00 AM	200700.000	10.846
16.300	24.432	36164.422

43371.227	28.053	29.492
27.651	1.020	
11/18/2016 6:00:00 AM	201600.000	10.812
16.300	24.356	35127.723
42128.523	27.163	28.647
28.468	1.020	
11/18/2016 6:15:00 AM	202500.000	10.864
16.247	24.473	39500.781
47430.102	30.983	32.252
25.316	1.023	
11/18/2016 6:30:00 AM	203400.000	10.838
16.244	24.414	39556.621
47501.008	31.034	32.301
25.280	1.023	
11/18/2016 6:45:00 AM	204300.000	10.933
16.245	24.628	39550.113
47491.262	31.028	32.294
25.284	1.023	
11/18/2016 7:00:00 AM	205200.000	10.859
16.285	24.461	39470.289
47352.797	30.929	32.200
25.336	1.023	
11/18/2016 7:15:00 AM	206100.000	11.007
16.295	24.795	39391.250
47247.285	30.853	32.128
25.386	1.022	
11/18/2016 7:30:00 AM	207000.000	10.915
16.294	24.586	39413.109
47274.371	30.873	32.147
25.372	1.023	
11/18/2016 7:45:00 AM	207900.000	11.080
16.297	24.960	37957.328
45524.441	29.604	30.957
26.345	1.022	
11/18/2016 8:00:00 AM	208800.000	11.123
16.296	25.056	38246.563
45873.191	29.856	31.194
26.146	1.022	
11/18/2016 8:15:00 AM	209700.000	11.193
16.297	25.214	38963.941
46731.730	30.479	31.778
25.665	1.022	
11/18/2016 8:30:00 AM	210600.000	11.347
16.301	25.561	37029.258
44407.418	28.798	30.197
27.006	1.021	
11/18/2016 8:45:00 AM	211500.000	11.455
16.301	25.804	37141.027
44542.168	28.895	30.289
26.924	1.021	
11/18/2016 9:00:00 AM	212400.000	11.541
16.301	25.998	37520.617
44996.855	29.223	30.598
26.652	1.021	
11/18/2016 9:15:00 AM	213300.000	11.486
16.301	25.874	38549.938
46231.473	30.116	31.437

25.940	1.022	
11/18/2016 9:30:00 AM	214200.000	11.494
16.304	25.891	38969.816
46732.082	30.479	31.778
25.661	1.022	
11/18/2016 9:45:00 AM	215100.000	11.350
16.303	25.567	37944.102
45502.152	29.588	30.941
26.355	1.022	
11/18/2016 10:00:00 AM	216000.000	11.313
16.300	25.483	38301.797
45935.273	29.902	31.236
26.108	1.022	
11/18/2016 10:15:00 AM	216900.000	11.318
16.302	25.494	37623.871
45119.961	29.312	30.682
26.579	1.021	
11/18/2016 10:30:00 AM	217800.000	11.253
16.300	25.348	38254.539
45878.223	29.860	31.197
26.141	1.022	
11/18/2016 10:45:00 AM	218700.000	11.185
16.301	25.195	37127.320
44525.559	28.883	30.277
26.934	1.021	
11/18/2016 11:00:00 AM	219600.000	11.143
16.301	25.100	37640.840
45141.582	29.328	30.696
26.567	1.021	
11/18/2016 11:15:00 AM	220500.000	11.110
16.300	25.026	38120.652
45718.027	29.744	31.088
26.233	1.022	
11/18/2016 11:30:00 AM	221400.000	11.204
16.303	25.238	36343.328
43582.965	28.206	29.636
27.515	1.020	
11/18/2016 11:45:00 AM	222300.000	11.169
16.301	25.159	36756.332
44080.281	28.563	29.975
27.206	1.021	
11/18/2016 12:00:00 PM	223200.000	11.181
16.301	25.187	36728.176
44046.156	28.538	29.951
27.227	1.021	
11/18/2016 12:15:00 PM	224100.000	11.089
16.301	24.980	37654.172
45156.746	29.339	30.707
26.557	1.021	
11/18/2016 12:30:00 PM	225000.000	11.001
16.249	24.781	39508.875
47438.199	30.989	32.258
25.311	1.023	
11/18/2016 12:45:00 PM	225900.000	11.123
16.251	25.056	39511.617
47439.484	30.990	32.259
25.309	1.023	

11/18/2016 1:00:00 PM	226800.000	10.972
16.264	24.716	39526.391
47442.918	30.994	32.261
25.300	1.023	
11/18/2016 1:15:00 PM	227700.000	11.071
16.250	24.939	39479.566
47401.285	30.962	32.233
25.330	1.023	
11/18/2016 1:30:00 PM	228600.000	11.046
16.292	24.882	39485.469
47362.695	30.937	32.207
25.326	1.023	
11/18/2016 1:45:00 PM	229500.000	11.043
16.299	24.875	39358.465
47202.914	30.821	32.098
25.407	1.022	
11/18/2016 2:00:00 PM	230400.000	10.976
16.300	24.725	39394.000
47245.051	30.852	32.127
25.385	1.022	
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16.296	24.955	39104.105
46900.785	30.602	31.893
25.573	1.022	
11/18/2016 2:30:00 PM	232200.000	11.014
16.299	24.810	37944.004
45507.184	29.592	30.945
26.355	1.022	
11/18/2016 2:45:00 PM	233100.000	11.003
16.303	24.785	36015.816
43190.043	27.924	29.369
27.766	1.020	
11/18/2016 3:00:00 PM	234000.000	10.956
16.302	24.680	35870.914
43017.664	27.800	29.252
27.878	1.020	
11/18/2016 3:15:00 PM	234900.000	10.934
16.303	24.631	35010.707
41985.215	27.061	28.550
28.563	1.020	
11/18/2016 3:30:00 PM	235800.000	10.827
16.303	24.388	35169.730
42175.836	27.197	28.680
28.434	1.020	
11/18/2016 3:45:00 PM	236700.000	10.768
16.293	24.256	39481.395
47356.941	30.933	32.203
25.328	1.023	
11/18/2016 4:00:00 PM	237600.000	10.721
16.299	24.151	39394.293
47245.691	30.852	32.127
25.384	1.022	
11/18/2016 4:15:00 PM	238500.000	10.713
16.294	24.133	38556.914
46247.492	30.127	31.448
25.936	1.022	
11/18/2016 4:30:00 PM	239400.000	10.566

16.299	23.801	36012.395
43190.125	27.923	29.369
27.768	1.020	
11/18/2016 4:45:00 PM	240300.000	10.699
16.299	24.100	35235.441
42258.559	27.256	28.736
28.381	1.020	
11/18/2016 5:00:00 PM	241200.000	10.555
16.300	23.776	34172.395
40982.637	26.346	27.868
29.263	1.019	
11/18/2016 5:15:00 PM	242100.000	10.530
16.286	23.719	39495.762
47381.352	30.950	32.219
25.319	1.023	
11/18/2016 5:30:00 PM	243000.000	10.590
16.293	23.855	37794.559
45333.625	29.466	30.827
26.459	1.021	
11/18/2016 5:45:00 PM	243900.000	10.891
16.301	24.534	39322.664
47158.082	30.789	32.067
25.431	1.022	
11/18/2016 6:00:00 PM	244800.000	10.975
16.304	24.721	37284.746
44711.273	29.017	30.404
26.821	1.021	
11/18/2016 6:15:00 PM	245700.000	10.926
16.303	24.613	37473.383
44937.855	29.181	30.558
26.686	1.021	
11/18/2016 6:30:00 PM	246600.000	10.873
16.304	24.493	36590.160
43877.816	28.417	29.837
27.330	1.021	
11/18/2016 6:45:00 PM	247500.000	10.942
16.303	24.649	36367.148
43611.090	28.226	29.656
27.497	1.020	
11/18/2016 7:00:00 PM	248400.000	10.815
16.304	24.362	36682.980
43989.469	28.498	29.913
27.261	1.021	
11/18/2016 7:15:00 PM	249300.000	10.945
16.305	24.654	36662.945
43964.293	28.480	29.896
27.275	1.021	
11/18/2016 7:30:00 PM	250200.000	10.822
16.305	24.377	35434.469
42491.004	27.423	28.894
28.221	1.020	
11/18/2016 7:45:00 PM	251100.000	10.834
16.306	24.404	35546.023
42624.426	27.518	28.985
28.133	1.020	
11/18/2016 8:00:00 PM	252000.000	10.796
16.248	24.319	39539.090

47475.336	31.016	32.283
25.291	1.023	
11/18/2016 8:15:00 PM	252900.000	10.889
16.254	24.529	39535.598
47464.723	31.009	32.276
25.294	1.023	
11/18/2016 8:30:00 PM	253800.000	10.758
16.300	24.233	39370.781
47216.734	30.831	32.107
25.400	1.022	
11/18/2016 8:45:00 PM	254700.000	10.780
16.299	24.282	38315.684
45952.391	29.914	31.248
26.099	1.022	
11/18/2016 9:00:00 PM	255600.000	10.636
16.301	23.959	37454.836
44917.797	29.166	30.544
26.699	1.021	
11/18/2016 9:15:00 PM	256500.000	10.659
16.301	24.011	37128.973
44527.539	28.885	30.279
26.933	1.021	
11/18/2016 9:30:00 PM	257400.000	10.540
16.301	23.741	34724.836
41644.094	26.818	28.318
28.798	1.019	
11/18/2016 9:45:00 PM	258300.000	10.525
16.302	23.710	34739.961
41660.883	26.830	28.329
28.785	1.019	
11/18/2016 10:00:00 PM	259200.000	10.483
16.246	23.615	39522.754
47457.539	31.003	32.271
25.302	1.023	
11/18/2016 10:15:00 PM	260100.000	10.378
16.253	23.378	39555.695
47489.605	31.027	32.293
25.281	1.023	
11/18/2016 10:30:00 PM	261000.000	10.445
16.297	23.528	39302.824
47138.941	30.775	32.054
25.443	1.022	
11/18/2016 10:45:00 PM	261900.000	10.435
16.299	23.505	36621.863
43920.809	28.448	29.866
27.306	1.021	
11/18/2016 11:00:00 PM	262800.000	10.472
16.300	23.590	36483.891
43754.703	28.329	29.753
27.409	1.021	
11/18/2016 11:15:00 PM	263700.000	10.423
16.302	23.480	35080.313
42069.203	27.121	28.607
28.506	1.020	
11/18/2016 11:30:00 PM	264600.000	10.451
16.304	23.542	34276.973
41104.398	26.433	27.951

29.174	1.019	
11/18/2016 11:45:00 PM	265500.000	10.522
16.244	23.702	39462.043
47387.523	30.952	32.224
25.341	1.023	
11/19/2016 12:00:00 AM	266400.000	10.558
16.247	23.782	39528.867
47463.922	31.008	32.275
25.298	1.023	
11/19/2016 12:15:00 AM	267300.000	10.436
16.299	23.509	39393.898
47245.984	30.853	32.127
25.385	1.022	
11/19/2016 12:30:00 AM	268200.000	10.492
16.299	23.633	37456.566
44921.871	29.169	30.547
26.698	1.021	
11/19/2016 12:45:00 AM	269100.000	10.476
16.303	23.597	37531.391
45007.324	29.231	30.605
26.644	1.021	
11/19/2016 1:00:00 AM	270000.000	10.479
16.304	23.605	37058.680
44439.914	28.822	30.219
26.984	1.021	
11/19/2016 1:15:00 AM	270900.000	10.514
16.304	23.685	35128.516
42124.883	27.161	28.645
28.467	1.020	
11/19/2016 1:30:00 AM	271800.000	10.558
16.306	23.783	34205.527
41016.574	26.371	27.891
29.235	1.019	
11/19/2016 1:45:00 AM	272700.000	10.543
16.243	23.748	39465.465
47392.598	30.956	32.227
25.339	1.023	
11/19/2016 2:00:00 AM	273600.000	10.460
16.246	23.562	39498.227
47428.578	30.982	32.251
25.318	1.023	
11/19/2016 2:15:00 AM	274500.000	10.510
16.287	23.676	39498.063
47383.723	30.952	32.221
25.318	1.023	
11/19/2016 2:30:00 AM	275400.000	10.474
16.302	23.593	37643.535
45143.637	29.329	30.698
26.565	1.021	
11/19/2016 2:45:00 AM	276300.000	10.540
16.304	23.742	36282.363
43509.230	28.153	29.586
27.562	1.020	
11/19/2016 3:00:00 AM	277200.000	10.478
16.304	23.602	36390.391
43637.992	28.245	29.674
27.480	1.020	

11/19/2016 3:15:00 AM	278100.000	10.593
16.305	23.862	35465.547
42528.777	27.450	28.920
28.196	1.020	
11/19/2016 3:30:00 AM	279000.000	10.498
16.307	23.649	34933.605
41888.277	26.992	28.484
28.626	1.020	
11/19/2016 3:45:00 AM	279900.000	10.475
16.306	23.596	34381.063
41226.566	26.520	28.034
29.086	1.019	
11/19/2016 4:00:00 AM	280800.000	10.433
16.251	23.501	39446.313
47360.879	30.933	32.205
25.351	1.023	
11/19/2016 4:15:00 AM	281700.000	10.409
16.291	23.446	39377.504
47234.801	30.844	32.120
25.395	1.022	
11/19/2016 4:30:00 AM	282600.000	10.692
16.301	24.085	39353.516
47194.793	30.815	32.092
25.411	1.022	
11/19/2016 4:45:00 AM	283500.000	10.655
16.307	24.001	36854.703
44192.641	28.644	30.051
27.134	1.021	
11/19/2016 5:00:00 AM	284400.000	10.599
16.307	23.876	37061.797
44440.695	28.823	30.220
26.982	1.021	
11/19/2016 5:15:00 AM	285300.000	10.693
16.305	24.088	36961.438
44322.676	28.738	30.139
27.055	1.021	
11/19/2016 5:30:00 AM	286200.000	10.732
16.309	24.175	36506.008
43771.953	28.342	29.765
27.393	1.021	
11/19/2016 5:45:00 AM	287100.000	10.707
16.309	24.119	36393.574
43637.664	28.245	29.674
27.477	1.020	
11/19/2016 6:00:00 AM	288000.000	10.721
16.308	24.151	35280.344
42303.031	27.289	28.766
28.344	1.020	
11/19/2016 6:15:00 AM	288900.000	10.780
16.310	24.283	35364.383
42402.590	27.360	28.834
28.277	1.020	
11/19/2016 6:30:00 AM	289800.000	10.681
16.245	24.060	39441.289
47360.586	30.932	32.205
25.354	1.023	
11/19/2016 6:45:00 AM	290700.000	10.801

16.251	24.331	39461.129
47377.996	30.945	32.217
25.341	1.023	
11/19/2016 7:00:00 AM	291600.000	10.779
16.292	24.280	39372.828
47227.676	30.839	32.115
25.398	1.022	
11/19/2016 7:15:00 AM	292500.000	10.743
16.304	24.199	39326.543
47159.395	30.790	32.068
25.428	1.022	
11/19/2016 7:30:00 AM	293400.000	10.764
16.307	24.248	39189.793
46992.082	30.669	31.955
25.517	1.022	
11/19/2016 7:45:00 AM	294300.000	10.663
16.309	24.019	36552.438
43827.887	28.382	29.803
27.358	1.021	
11/19/2016 8:00:00 AM	295200.000	10.796
16.307	24.318	37255.027
44671.852	28.989	30.377
26.842	1.021	
11/19/2016 8:15:00 AM	296100.000	10.832
16.309	24.400	36548.816
43823.805	28.379	29.800
27.361	1.021	
11/19/2016 8:30:00 AM	297000.000	10.847
16.309	24.433	36394.355
43638.602	28.246	29.674
27.477	1.020	
11/19/2016 8:45:00 AM	297900.000	10.895
16.309	24.543	35725.242
42835.871	27.670	29.128
27.991	1.020	
11/19/2016 9:00:00 AM	298800.000	11.090
16.310	24.981	36442.570
43695.457	28.287	29.713
27.440	1.021	
11/19/2016 9:15:00 AM	299700.000	11.101
16.309	25.006	36369.609
43608.492	28.224	29.654
27.495	1.020	
11/19/2016 9:30:00 AM	300600.000	11.224
16.311	25.283	35474.598
42533.113	27.453	28.923
28.189	1.020	
11/19/2016 9:45:00 AM	301500.000	11.223
16.312	25.280	36377.895
43615.793	28.230	29.659
27.489	1.020	
11/19/2016 10:00:00 AM	302400.000	11.291
16.312	25.434	35852.598
42985.789	27.778	29.230
27.892	1.020	
11/19/2016 10:15:00 AM	303300.000	11.336
16.313	25.535	36577.461

43853.555	28.401	29.820
27.339	1.021	
11/19/2016 10:30:00 AM	304200.000	11.346
16.314	25.559	36132.125
43318.578	28.016	29.457
27.676	1.020	
11/19/2016 10:45:00 AM	305100.000	11.284
16.314	25.419	36328.938
43554.984	28.186	29.617
27.526	1.020	
11/19/2016 11:00:00 AM	306000.000	11.259
16.311	25.361	37751.492
45263.594	29.416	30.779
26.489	1.021	
11/19/2016 11:15:00 AM	306900.000	11.221
16.313	25.276	36841.250
44170.438	28.628	30.036
27.143	1.021	
11/19/2016 11:30:00 AM	307800.000	11.219
16.311	25.272	37621.168
45106.887	29.303	30.673
26.581	1.021	
11/19/2016 11:45:00 AM	308700.000	11.189
16.311	25.203	36942.727
44294.074	28.717	30.120
27.069	1.021	
11/19/2016 12:00:00 PM	309600.000	11.196
16.311	25.220	37022.914
44389.766	28.786	30.185
27.010	1.021	
11/19/2016 12:15:00 PM	310500.000	11.171
16.310	25.165	36688.176
43989.406	28.498	29.913
27.257	1.021	
11/19/2016 12:30:00 PM	311400.000	11.157
16.310	25.133	36961.051
44316.754	28.734	30.135
27.056	1.021	
11/19/2016 12:45:00 PM	312300.000	11.168
16.311	25.158	36075.523
43254.125	27.970	29.413
27.720	1.020	
11/19/2016 1:00:00 PM	313200.010	11.176
16.310	25.176	35837.152
42968.840	27.765	29.219
27.904	1.020	
11/19/2016 1:15:00 PM	314100.000	11.133
16.311	25.078	36762.180
44077.598	28.562	29.973
27.202	1.021	
11/19/2016 1:30:00 PM	315000.000	11.221
16.311	25.275	35548.750
42622.441	27.517	28.983
28.130	1.020	
11/19/2016 1:45:00 PM	315900.000	11.192
16.311	25.211	36705.449
44008.961	28.512	29.926

27.244	1.021	
11/19/2016 2:00:00 PM	316800.000	11.259
16.310	25.363	35903.141
43048.406	27.822	29.273
27.853	1.020	
11/19/2016 2:15:00 PM	317700.000	11.237
16.310	25.312	36163.145
43359.527	28.046	29.484
27.652	1.020	
11/19/2016 2:30:00 PM	318600.000	11.175
16.310	25.172	35827.645
42957.441	27.757	29.211
27.911	1.020	
11/19/2016 2:45:00 PM	319500.000	11.212
16.311	25.256	35405.777
42450.598	27.394	28.866
28.244	1.020	
11/19/2016 3:00:00 PM	320400.000	11.082
16.311	24.962	35875.777
43014.543	27.798	29.250
27.874	1.020	
11/19/2016 3:15:00 PM	321300.000	11.045
16.311	24.879	35654.301
42748.488	27.608	29.069
28.047	1.020	
11/19/2016 3:30:00 PM	322200.000	11.131
16.311	25.074	35630.797
42720.563	27.588	29.050
28.066	1.020	
11/19/2016 3:45:00 PM	323100.000	11.021
16.255	24.825	39536.242
47464.633	31.009	32.276
25.293	1.023	
11/19/2016 4:00:00 PM	324000.000	10.896
16.244	24.543	39447.473
47369.172	30.939	32.211
25.350	1.023	
11/19/2016 4:15:00 PM	324900.000	11.032
16.247	24.850	39463.387
47385.883	30.951	32.222
25.340	1.023	
11/19/2016 4:30:00 PM	325800.000	10.907
16.253	24.569	39480.488
47399.414	30.961	32.232
25.329	1.023	
11/19/2016 4:45:00 PM	326700.000	10.816
16.303	24.365	39347.988
47186.531	30.810	32.087
25.414	1.022	
11/19/2016 5:00:00 PM	327600.000	10.887
16.303	24.525	38685.145
46391.090	30.232	31.546
25.850	1.022	
11/19/2016 5:15:00 PM	328500.000	10.797
16.304	24.321	37712.082
45223.727	29.387	30.752
26.517	1.021	

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16.307	24.047	35379.668
42423.828	27.375	28.848
28.265	1.020	
11/19/2016 5:45:00 PM	330300.000	10.668
16.305	24.031	36786.574
44112.988	28.587	29.997
27.184	1.021	
11/19/2016 6:00:00 PM	331200.000	10.609
16.304	23.898	33650.074
40352.242	25.898	27.440
29.718	1.019	
11/19/2016 6:15:00 PM	332100.000	10.587
16.305	23.847	34164.738
40968.824	26.337	27.859
29.270	1.019	
11/19/2016 6:30:00 PM	333000.000	10.523
16.289	23.703	39490.148
47372.223	30.944	32.213
25.323	1.023	
11/19/2016 6:45:00 PM	333900.000	10.550
16.298	23.764	37885.867
45437.824	29.542	30.898
26.395	1.021	
11/19/2016 7:00:00 PM	334800.000	10.450
16.301	23.541	36426.535
43684.957	28.279	29.706
27.453	1.021	
11/19/2016 7:15:00 PM	335700.000	10.404
16.301	23.436	35840.293
42981.977	27.774	29.228
27.902	1.020	
11/19/2016 7:30:00 PM	336600.000	10.284
16.300	23.165	34928.133
41888.387	26.992	28.484
28.630	1.020	
11/19/2016 7:45:00 PM	337500.000	10.469
16.290	23.582	39512.504
47398.082	30.963	32.231
25.308	1.023	
11/19/2016 8:00:00 PM	338400.000	10.352
16.287	23.320	39535.301
47428.688	30.985	32.252
25.294	1.023	
11/19/2016 8:15:00 PM	339300.000	10.455
16.300	23.550	37878.168
45426.391	29.533	30.890
26.400	1.021	
11/19/2016 8:30:00 PM	340200.000	10.448
16.302	23.536	36991.953
44361.867	28.766	30.166
27.033	1.021	
11/19/2016 8:45:00 PM	341100.000	10.466
16.303	23.575	35393.230
42444.121	27.389	28.862
28.254	1.020	
11/19/2016 9:00:00 PM	342000.000	10.492

16.305	23.635	34059.793
40843.141	26.247	27.773
29.360	1.019	
11/19/2016 9:15:00 PM	342900.000	10.581
16.305	23.835	34323.500
41158.875	26.472	27.988
29.135	1.019	
11/19/2016 9:30:00 PM	343800.000	10.601
16.291	23.880	39481.844
47359.398	30.935	32.204
25.328	1.023	
11/19/2016 9:45:00 PM	344700.000	10.805
16.302	24.340	38694.551
46403.672	30.241	31.554
25.843	1.022	
11/19/2016 10:00:00 PM	345600.000	10.809
16.306	24.348	38055.332
45633.422	29.683	31.031
26.278	1.022	
11/19/2016 10:15:00 PM	346500.000	10.670
16.306	24.036	35888.406
43034.383	27.812	29.263
27.864	1.020	
11/19/2016 10:30:00 PM	347400.000	10.680
16.306	24.058	35588.074
42674.848	27.554	29.019
28.099	1.020	
11/19/2016 10:45:00 PM	348300.000	10.655
16.305	24.000	35453.844
42514.832	27.440	28.910
28.206	1.020	
11/19/2016 11:00:00 PM	349200.000	10.726
16.306	24.160	34331.184
41166.844	26.478	27.993
29.128	1.019	
11/19/2016 11:15:00 PM	350100.000	10.667
16.294	24.028	39494.660
47372.379	30.944	32.213
25.320	1.023	
11/19/2016 11:30:00 PM	351000.000	10.732
16.288	24.175	39480.820
47361.715	30.936	32.206
25.329	1.023	
11/19/2016 11:45:00 PM	351900.000	10.673
16.300	24.041	38601.148
46293.336	30.161	31.479
25.906	1.022	
11/20/2016 12:00:00 AM	352800.010	10.547
16.304	23.757	36150.230
43350.523	28.039	29.478
27.662	1.020	
11/20/2016 12:15:00 AM	353700.000	10.735
16.303	24.182	36514.016
43787.297	28.352	29.775
27.387	1.021	
11/20/2016 12:30:00 AM	354600.000	10.699
16.305	24.100	35127.875

42123.438	27.160	28.644
28.467	1.020	
11/20/2016 12:45:00 AM	355500.000	10.702
16.306	24.107	35601.770
42690.840	27.566	29.030
28.088	1.020	
11/20/2016 1:00:00 AM	356400.000	10.641
16.306	23.970	34337.781
41175.164	26.484	27.999
29.122	1.019	
11/20/2016 1:15:00 AM	357300.000	10.745
16.247	24.205	39530.742
47466.574	31.010	32.277
25.297	1.023	
11/20/2016 1:30:00 AM	358200.000	10.737
16.252	24.187	39579.215
47519.191	31.048	32.313
25.266	1.023	
11/20/2016 1:45:00 AM	359100.000	10.695
16.288	24.091	39510.457
47397.449	30.962	32.230
25.310	1.023	
11/20/2016 2:00:00 AM	360000.000	10.724
16.301	24.158	39409.047
47261.570	30.864	32.138
25.375	1.023	
11/20/2016 2:15:00 AM	360900.000	10.793
16.304	24.313	39297.262
47124.371	30.764	32.045
25.447	1.022	
11/20/2016 2:30:00 AM	361800.000	10.730
16.306	24.170	36671.000
43973.246	28.486	29.902
27.270	1.021	
11/20/2016 2:45:00 AM	362700.000	10.813
16.306	24.358	36756.199
44075.496	28.560	29.971
27.206	1.021	
11/20/2016 3:00:00 AM	363600.000	10.773
16.308	24.268	35026.813
41999.363	27.072	28.560
28.550	1.020	
11/20/2016 3:15:00 AM	364500.000	10.891
16.306	24.532	34798.824
41727.758	26.878	28.375
28.737	1.019	
11/20/2016 3:30:00 AM	365400.000	10.855
16.306	24.451	34412.656
41264.539	26.547	28.060
29.059	1.019	
11/20/2016 3:45:00 AM	366300.000	10.816
16.293	24.364	39458.402
47329.840	30.913	32.184
25.343	1.023	
11/20/2016 4:00:00 AM	367200.000	10.822
16.286	24.377	39442.910
47318.898	30.905	32.177

25.353	1.023	
11/20/2016 4:15:00 AM	368100.000	10.824
16.302	24.382	38840.219
46578.461	30.368	31.673
25.747	1.022	
11/20/2016 4:30:00 AM	369000.000	10.789
16.303	24.303	36907.504
44259.605	28.692	30.097
27.095	1.021	
11/20/2016 4:45:00 AM	369900.000	10.798
16.305	24.324	37352.820
44791.555	29.075	30.458
26.772	1.021	
11/20/2016 5:00:00 AM	370800.000	10.828
16.305	24.391	36516.020
43787.844	28.353	29.776
27.385	1.021	
11/20/2016 5:15:00 AM	371700.000	10.769
16.305	24.259	36632.914
43927.922	28.454	29.871
27.298	1.021	
11/20/2016 5:30:00 AM	372600.000	10.667
16.307	24.028	35310.387
42340.844	27.316	28.792
28.320	1.020	
11/20/2016 5:45:00 AM	373500.000	10.780
16.307	24.283	34905.020
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28.649	1.020	
11/20/2016 6:00:00 AM	374400.000	10.768
16.308	24.256	34700.063
41608.078	26.792	28.293
28.818	1.019	
11/20/2016 6:15:00 AM	375300.000	10.864
16.254	24.473	39537.902
47467.672	31.011	32.278
25.292	1.023	
11/20/2016 6:30:00 AM	376200.000	11.116
16.254	25.040	39522.758
47449.582	30.998	32.266
25.302	1.023	
11/20/2016 6:45:00 AM	377100.000	11.216
16.304	25.265	39208.063
47017.785	30.687	31.972
25.505	1.022	
11/20/2016 7:00:00 AM	378000.000	11.244
16.306	25.329	39326.320
47157.504	30.789	32.067
25.428	1.022	
11/20/2016 7:15:00 AM	378900.000	11.249
16.304	25.339	39374.813
47217.648	30.832	32.108
25.397	1.022	
11/20/2016 7:30:00 AM	379800.000	11.237
16.307	25.311	37577.316
45058.223	29.268	30.640
26.612	1.021	

11/20/2016 7:45:00 AM	380700.000	11.336
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45838.590	29.832	31.170
26.159	1.022	
11/20/2016 8:00:00 AM	381600.000	11.340
16.309	25.545	39041.238
46811.871	30.538	31.832
25.614	1.022	
11/20/2016 8:15:00 AM	382500.000	11.393
16.306	25.663	38357.316
45995.539	29.946	31.277
26.071	1.022	
11/20/2016 8:30:00 AM	383400.000	11.434
16.306	25.757	38510.613
46179.363	30.079	31.402
25.967	1.022	
11/20/2016 8:45:00 AM	384300.000	11.443
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44653.906	28.976	30.365
26.853	1.021	
11/20/2016 9:00:00 AM	385200.000	11.460
16.307	25.814	38272.027
45892.160	29.871	31.207
26.129	1.022	
11/20/2016 9:15:00 AM	386100.000	11.638
16.305	26.216	38380.281
46023.633	29.966	31.296
26.055	1.022	
11/20/2016 9:30:00 AM	387000.000	11.602
16.310	26.134	36987.895
44348.941	28.757	30.157
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11/20/2016 9:45:00 AM	387900.000	11.701
16.311	26.357	37781.039
45298.926	29.442	30.803
26.468	1.021	
11/20/2016 10:00:00 AM	388800.000	11.690
16.308	26.332	38521.426
46189.809	30.086	31.409
25.960	1.022	
11/20/2016 10:15:00 AM	389700.000	11.847
16.305	26.686	38362.387
46002.277	29.950	31.282
26.067	1.022	
11/20/2016 10:30:00 AM	390600.000	11.805
16.308	26.593	38792.977
46515.418	30.323	31.630
25.778	1.022	
11/20/2016 10:45:00 AM	391500.000	11.736
16.307	26.437	37786.270
45309.047	29.449	30.810
26.465	1.021	
11/20/2016 11:00:00 AM	392400.000	11.706
16.304	26.370	38443.199
46100.473	30.021	31.348
26.012	1.022	
11/20/2016 11:15:00 AM	393300.000	11.764

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45150.203	29.334	30.702
26.558	1.021	
11/20/2016 11:30:00 AM	394200.000	11.798
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45637.141	29.686	31.033
26.275	1.022	
11/20/2016 11:45:00 AM	395100.000	11.687
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25.470	1.022	
11/20/2016 12:00:00 PM	396000.000	11.731
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26.023	1.022	
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16.306	26.267	37708.219
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26.519	1.021	
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16.303	26.343	38045.926
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26.284	1.022	
11/20/2016 1:00:00 PM	399600.000	11.674
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46653.504	30.422	31.724
25.706	1.022	
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16.307	26.479	39536.559
47407.699	30.971	32.237
25.293	1.023	
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16.307	26.407	39476.770
47336.773	30.919	32.189
25.331	1.023	
11/20/2016 1:45:00 PM	402300.000	11.807
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27.256	1.021	
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44781.391	29.068	30.451
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16.304	26.464	38340.555
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26.082	1.022	
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16.306	26.827	38855.879

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25.231	1.023	
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16.298	26.377	38504.379
46179.527	30.078	31.402
25.971	1.022	
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16.305	26.382	39501.027
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16.304	26.364	39543.359
47419.395	30.979	32.245
25.289	1.023	
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16.303	26.217	39608.309
47498.238	31.036	32.299
25.247	1.023	
11/20/2016 4:45:00 PM	413100.000	11.716
16.298	26.392	38211.176
45828.723	29.824	31.164
26.170	1.022	
11/20/2016 5:00:00 PM	414000.000	11.549
16.298	26.016	38823.102
46561.781	30.356	31.662
25.758	1.022	
11/20/2016 5:15:00 PM	414900.000	11.539
16.303	25.992	37706.773
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26.520	1.021	
11/20/2016 5:30:00 PM	415800.000	11.430
16.300	25.747	38195.484
45807.770	29.809	31.149
26.181	1.022	
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16.293	25.874	38863.172
46615.496	30.394	31.699
25.731	1.022	
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16.302	25.537	39498.477
47368.059	30.942	32.210
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16.298	25.451	38924.680
46683.527	30.444	31.745

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16.299	25.361	39527.898
47406.215	30.969	32.236
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16.301	25.109	36660.430
43965.801	28.481	29.897
27.277	1.021	
11/20/2016 7:00:00 PM	421200.000	11.211
16.299	25.253	37538.406
45020.102	29.240	30.614
26.639	1.021	
11/20/2016 7:15:00 PM	422100.000	11.038
16.300	24.863	35086.301
42078.590	27.128	28.613
28.501	1.020	
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16.299	24.899	36364.617
43612.102	28.226	29.656
27.499	1.020	
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16.298	24.788	35471.754
42543.012	27.460	28.929
28.191	1.020	
11/20/2016 8:00:00 PM	424800.000	10.931
16.298	24.622	34167.652
40978.691	26.343	27.866
29.267	1.019	
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16.282	24.682	39703.227
47635.047	31.135	32.392
25.187	1.023	
11/20/2016 8:30:00 PM	426600.000	10.927
16.292	24.614	38409.211
46072.371	30.000	31.329
26.035	1.022	
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16.295	24.565	36411.813
43673.113	28.270	29.698
27.464	1.021	
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44005.918	28.509	29.924
27.255	1.021	
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28.915	1.019	
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25.181	1.023	
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16.293	24.656	38504.152
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26.262	1.022	
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26.178	1.022	
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28.213	1.020	
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28.632	1.020	
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29.526	1.019	
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27.154	1.021	
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43189.262	27.923	29.369
27.768	1.020	
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43015.984	27.799	29.251
27.880	1.020	
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41914.430	27.011	28.502
28.612	1.020	
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41223.355	26.518	28.032
29.091	1.019	
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16.301	25.121	34322.457
41161.031	26.473	27.990
29.135	1.019	
11/21/2016 4:00:00 AM	453600.000	11.126
16.290	25.063	39566.230
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25.274	1.023	
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16.282	25.163	39614.594
47528.613	31.057	32.319
25.243	1.023	
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16.295	24.907	38013.215
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26.307	1.022	
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47306.648	30.897	32.169
25.352	1.023	
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43993.598	28.500	29.916
27.260	1.021	
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45190.453	29.363	30.730
26.539	1.021	
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27.366	1.021	
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16.301	25.209	36992.629
44363.934	28.767	30.167
27.032	1.021	
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27.108	1.021	
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16.302	25.995	37201.809
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16.302	26.082	37530.996
45008.219	29.232	30.606
26.645	1.021	
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16.303	26.071	36780.023
44106.477	28.582	29.992
27.189	1.021	
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16.301	25.829	36838.742
44178.676	28.634	30.042
27.145	1.021	
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16.299	26.146	37295.363
44728.617	29.030	30.415
26.813	1.021	
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16.301	26.178	37222.711
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26.865	1.021	
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16.299	26.235	37720.332
45238.563	29.398	30.762
26.511	1.021	
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16.301	26.349	36178.230
43387.172	28.065	29.503
27.641	1.020	
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26.623	1.021	
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16.297	26.088	37665.832
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26.549	1.021	
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16.300	26.430	37404.742
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26.735	1.021	
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26.303	1.022	
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16.304	26.682	36450.953
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16.301	26.770	37253.262
44676.059	28.992	30.380
26.843	1.021	
11/21/2016 10:15:00 AM	476100.000	11.892
16.303	26.787	37920.434
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26.371	1.022	
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16.299	26.517	38897.797
46650.895	30.420	31.723
25.708	1.022	
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16.240	26.517	39649.656
47617.160	31.119	32.380
25.221	1.023	
11/21/2016 11:00:00 AM	478800.000	11.696
16.236	26.346	39714.891
47699.168	31.178	32.435
25.179	1.023	
11/21/2016 11:15:00 AM	479700.000	11.667
16.240	26.281	39658.926
47627.316	31.126	32.387
25.215	1.023	
11/21/2016 11:30:00 AM	480600.000	11.829
16.244	26.646	39620.363
47576.879	31.090	32.352
25.240	1.023	
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16.239	26.463	39651.871
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25.219	1.023	
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16.240	26.122	39636.945
47601.020	31.107	32.369
25.229	1.023	

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25.214	1.023	
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16.243	25.802	39656.074
47620.719	31.122	32.382
25.217	1.023	
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16.283	26.004	39581.758
47488.063	31.028	32.292
25.264	1.023	
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16.293	25.762	39514.734
47397.031	30.962	32.230
25.307	1.023	
11/21/2016 1:15:00 PM	486900.000	11.441
16.295	25.771	39225.168
47047.793	30.708	31.993
25.494	1.022	
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16.296	25.493	39474.227
47344.703	30.924	32.194
25.333	1.023	
11/21/2016 1:45:00 PM	488700.000	11.289
16.293	25.430	38659.145
46370.672	30.217	31.532
25.867	1.022	
11/21/2016 2:00:00 PM	489600.000	11.339
16.296	25.543	37741.449
45267.355	29.418	30.782
26.496	1.021	
11/21/2016 2:15:00 PM	490500.000	11.290
16.293	25.433	37859.023
45410.949	29.522	30.879
26.414	1.021	
11/21/2016 2:30:00 PM	491400.000	11.224
16.297	25.283	35432.266
42495.914	27.426	28.897
28.223	1.020	
11/21/2016 2:45:00 PM	492300.000	11.322
16.296	25.503	36056.313
43245.844	27.963	29.407
27.734	1.020	
11/21/2016 3:00:00 PM	493200.000	11.257
16.296	25.357	36290.387
43526.766	28.165	29.598
27.556	1.020	
11/21/2016 3:15:00 PM	494100.000	11.248
16.295	25.337	35583.148
42679.195	27.557	29.022
28.103	1.020	
11/21/2016 3:30:00 PM	495000.000	11.347
16.296	25.561	36471.992
43744.410	28.321	29.746
27.418	1.021	
11/21/2016 3:45:00 PM	495900.000	11.286

16.296	25.422	35624.758
42728.578	27.592	29.055
28.070	1.020	
11/21/2016 4:00:00 PM	496800.000	11.296
16.298	25.446	35549.672
42636.285	27.526	28.993
28.130	1.020	
11/21/2016 4:15:00 PM	497700.000	11.184
16.297	25.193	34497.738
41375.738	26.626	28.136
28.987	1.019	
11/21/2016 4:30:00 PM	498600.000	11.339
16.297	25.543	35331.402
42375.375	27.340	28.815
28.303	1.020	
11/21/2016 4:45:00 PM	499500.000	11.275
16.280	25.398	39549.055
47452.570	31.002	32.268
25.285	1.023	
11/21/2016 5:00:00 PM	500400.000	11.096
16.273	24.996	39604.531
47526.617	31.055	32.318
25.250	1.023	
11/21/2016 5:15:00 PM	501300.000	11.244
16.291	25.327	38663.496
46378.520	30.222	31.537
25.864	1.022	
11/21/2016 5:30:00 PM	502200.000	11.100
16.293	25.004	39390.863
47248.352	30.854	32.129
25.387	1.022	
11/21/2016 5:45:00 PM	503100.000	11.094
16.292	24.989	36496.184
43777.141	28.344	29.768
27.400	1.021	
11/21/2016 6:00:00 PM	504000.000	11.052
16.291	24.896	37311.117
44756.008	29.049	30.434
26.802	1.021	
11/21/2016 6:15:00 PM	504900.000	11.135
16.293	25.082	35420.531
42486.465	27.419	28.891
28.232	1.020	
11/21/2016 6:30:00 PM	505800.010	11.040
16.292	24.868	34951.543
41924.426	27.017	28.509
28.611	1.020	
11/21/2016 6:45:00 PM	506700.000	11.057
16.291	24.907	36390.715
43652.035	28.254	29.683
27.480	1.021	
11/21/2016 7:00:00 PM	507600.000	10.960
16.291	24.688	35326.551
42375.281	27.339	28.815
28.307	1.020	
11/21/2016 7:15:00 PM	508500.000	10.986
16.291	24.746	34727.855

41656.789	26.826	28.327
28.795	1.019	
11/21/2016 7:30:00 PM	509400.000	10.956
16.272	24.680	39581.758
47500.348	31.036	32.300
25.264	1.023	
11/21/2016 7:45:00 PM	510300.000	10.796
16.285	24.320	38346.996
46004.434	29.951	31.283
26.078	1.022	
11/21/2016 8:00:00 PM	511200.000	10.936
16.288	24.634	39368.215
47227.102	30.838	32.114
25.401	1.022	
11/21/2016 8:15:00 PM	512100.000	10.897
16.289	24.547	37195.551
44619.000	28.950	30.341
26.885	1.021	
11/21/2016 8:30:00 PM	513000.000	10.840
16.289	24.418	36081.410
43282.770	27.989	29.432
27.715	1.020	
11/21/2016 8:45:00 PM	513900.000	10.778
16.290	24.278	35632.508
42743.484	27.603	29.066
28.064	1.020	
11/21/2016 9:00:00 PM	514800.000	10.725
16.290	24.159	34761.906
41698.891	26.856	28.355
28.767	1.019	
11/21/2016 9:15:00 PM	515700.000	10.810
16.291	24.352	34764.313
41701.023	26.858	28.357
28.765	1.019	
11/21/2016 9:30:00 PM	516600.000	10.757
16.275	24.231	39516.988
47418.785	30.977	32.245
25.306	1.023	
11/21/2016 9:45:00 PM	517500.000	10.678
16.284	24.054	37913.629
45485.539	29.575	30.930
26.376	1.022	
11/21/2016 10:00:00 PM	518400.000	10.578
16.287	23.829	36324.090
43575.828	28.199	29.632
27.530	1.020	
11/21/2016 10:15:00 PM	519300.000	10.512
16.287	23.680	36191.633
43417.000	28.085	29.524
27.631	1.020	
11/21/2016 10:30:00 PM	520200.000	10.590
16.289	23.855	35146.840
42162.098	27.187	28.670
28.452	1.020	
11/21/2016 10:45:00 PM	521100.000	10.501
16.273	23.654	39561.348
47474.996	31.017	32.283

25.277	1.023	
11/21/2016 11:00:00 PM	522000.000	10.549
16.281	23.762	39500.938
47393.031	30.958	32.227
25.316	1.023	
11/21/2016 11:15:00 PM	522900.000	10.547
16.285	23.757	37117.203
44529.340	28.885	30.280
26.942	1.021	
11/21/2016 11:30:00 PM	523800.000	10.497
16.287	23.645	36222.734
43454.410	28.112	29.549
27.607	1.020	
11/21/2016 11:45:00 PM	524700.000	10.494
16.287	23.638	35592.594
42698.203	27.570	29.035
28.096	1.020	
11/22/2016 12:00:00 AM	525600.000	10.462
16.233	23.566	39654.621
47630.340	31.128	32.389
25.218	1.023	
11/22/2016 12:15:00 AM	526500.000	10.454
16.279	23.549	39432.301
47313.254	30.900	32.173
25.360	1.023	
11/22/2016 12:30:00 AM	527400.000	10.440
16.280	23.517	38532.426
46232.309	30.116	31.438
25.952	1.022	
11/22/2016 12:45:00 AM	528300.000	10.534
16.285	23.729	35364.988
42427.734	27.376	28.851
28.277	1.020	
11/22/2016 1:00:00 AM	529200.000	10.562
16.285	23.793	35434.926
42510.777	27.436	28.907
28.221	1.020	
11/22/2016 1:15:00 AM	530100.000	10.621
16.289	23.926	34930.449
41902.348	27.001	28.494
28.628	1.020	
11/22/2016 1:30:00 AM	531000.000	10.649
16.272	23.989	39518.668
47424.633	30.981	32.249
25.304	1.023	
11/22/2016 1:45:00 AM	531900.000	10.838
16.285	24.415	38519.094
46211.746	30.101	31.424
25.961	1.022	
11/22/2016 2:00:00 AM	532800.000	10.909
16.286	24.574	37666.066
45186.449	29.359	30.727
26.549	1.021	
11/22/2016 2:15:00 AM	533700.000	10.826
16.289	24.386	37283.250
44724.203	29.026	30.412
26.822	1.021	

11/22/2016 2:30:00 AM	534600.000	10.867
16.289	24.479	36114.051
43322.191	28.018	29.459
27.690	1.020	
11/22/2016 2:45:00 AM	535500.000	10.955
16.289	24.676	36495.707
43779.930	28.346	29.770
27.400	1.021	
11/22/2016 3:00:00 AM	536400.000	10.882
16.290	24.513	35554.039
42649.195	27.535	29.001
28.126	1.020	
11/22/2016 3:15:00 AM	537300.000	10.837
16.290	24.412	34850.238
41805.102	26.932	28.427
28.694	1.019	
11/22/2016 3:30:00 AM	538200.000	10.786
16.293	24.296	34239.953
41070.297	26.408	27.928
29.206	1.019	
11/22/2016 3:45:00 AM	539100.000	10.679
16.275	24.056	39486.715
47382.949	30.951	32.220
25.325	1.023	
11/22/2016 4:00:00 AM	540000.000	10.789
16.284	24.303	38265.648
45908.426	29.881	31.218
26.133	1.022	
11/22/2016 4:15:00 AM	540900.000	10.735
16.286	24.182	37509.805
44998.887	29.224	30.599
26.660	1.021	
11/22/2016 4:30:00 AM	541800.000	10.678
16.287	24.054	36743.824
44079.801	28.562	29.974
27.215	1.021	
11/22/2016 4:45:00 AM	542700.000	10.698
16.287	24.097	36189.102
43414.141	28.083	29.522
27.633	1.020	
11/22/2016 5:00:00 AM	543600.000	10.694
16.288	24.090	35471.352
42552.148	27.466	28.935
28.192	1.020	
11/22/2016 5:15:00 AM	544500.000	10.657
16.289	24.006	35212.465
42240.910	27.243	28.724
28.399	1.020	
11/22/2016 5:30:00 AM	545400.000	10.702
16.289	24.108	34914.277
41882.859	26.987	28.480
28.642	1.020	
11/22/2016 5:45:00 AM	546300.000	10.923
16.226	24.606	39499.684
47452.016	30.998	32.267
25.317	1.023	
11/22/2016 6:00:00 AM	547200.000	10.803

16.234	24.334	39475.133
47413.496	30.970	32.241
25.332	1.023	
11/22/2016 6:15:00 AM	548100.000	10.857
16.274	24.457	39478.184
47373.855	30.944	32.214
25.330	1.023	
11/22/2016 6:30:00 AM	549000.000	10.985
16.281	24.744	39363.234
47227.996	30.838	32.115
25.404	1.022	
11/22/2016 6:45:00 AM	549900.010	11.123
16.289	25.055	39328.809
47178.594	30.803	32.081
25.427	1.022	
11/22/2016 7:00:00 AM	550800.000	11.041
16.287	24.871	39320.609
47170.281	30.797	32.076
25.432	1.022	
11/22/2016 7:15:00 AM	551700.000	11.173
16.290	25.169	37575.008
45073.742	29.278	30.650
26.613	1.021	
11/22/2016 7:30:00 AM	552600.000	11.143
16.289	25.100	38060.254
45656.379	29.699	31.046
26.274	1.022	
11/22/2016 7:45:00 AM	553500.000	11.068
16.291	24.932	37088.469
44489.020	28.857	30.253
26.963	1.021	
11/22/2016 8:00:00 AM	554400.000	11.134
16.288	25.080	37449.570
44925.000	29.171	30.549
26.703	1.021	
11/22/2016 8:15:00 AM	555300.000	11.244
16.290	25.328	36686.074
44006.961	28.510	29.925
27.258	1.021	
11/22/2016 8:30:00 AM	556200.000	11.197
16.287	25.222	37420.750
44891.234	29.146	30.526
26.723	1.021	
11/22/2016 8:45:00 AM	557100.000	11.388
16.289	25.652	36412.660
43679.863	28.274	29.702
27.463	1.021	
11/22/2016 9:00:00 AM	558000.000	11.429
16.291	25.744	37121.227
44528.313	28.885	30.279
26.939	1.021	
11/22/2016 9:15:00 AM	558900.000	11.455
16.289	25.803	38114.215
45721.109	29.746	31.090
26.237	1.022	
11/22/2016 9:30:00 AM	559800.000	11.479
16.291	25.857	37459.477

44933.523	29.177	30.555
26.696	1.021	
11/22/2016 9:45:00 AM	560700.000	11.402
16.291	25.685	37547.805
45040.281	29.254	30.627
26.633	1.021	
11/22/2016 10:00:00 AM	561600.000	11.432
16.288	25.751	37689.297
45212.477	29.378	30.744
26.533	1.021	
11/22/2016 10:15:00 AM	562500.000	11.333
16.290	25.529	36906.719
44272.086	28.700	30.105
27.095	1.021	
11/22/2016 10:30:00 AM	563400.000	11.470
16.289	25.837	37846.934
45400.215	29.514	30.872
26.422	1.021	
11/22/2016 10:45:00 AM	564300.000	11.305
16.291	25.465	37060.945
44456.004	28.833	30.230
26.983	1.021	
11/22/2016 11:00:00 AM	565200.000	11.221
16.288	25.275	37304.691
44751.012	29.045	30.431
26.806	1.021	
11/22/2016 11:15:00 AM	566100.000	11.157
16.290	25.133	36682.281
44002.320	28.506	29.922
27.261	1.021	
11/22/2016 11:30:00 AM	567000.000	11.167
16.288	25.154	36682.570
44005.242	28.508	29.924
27.261	1.021	
11/22/2016 11:45:00 AM	567900.000	11.147
16.289	25.110	36272.016
43511.148	28.153	29.588
27.569	1.020	
11/22/2016 12:00:00 PM	568800.000	10.978
16.288	24.728	35768.289
42908.539	27.721	29.178
27.958	1.020	
11/22/2016 12:15:00 PM	569700.000	11.018
16.286	24.820	35850.680
43009.371	27.793	29.246
27.893	1.020	
11/22/2016 12:30:00 PM	570600.000	10.872
16.286	24.490	35339.113
42394.898	27.353	28.829
28.297	1.020	
11/22/2016 12:45:00 PM	571500.000	10.829
16.270	24.394	39477.969
47378.094	30.947	32.217
25.331	1.023	
11/22/2016 1:00:00 PM	572400.000	10.831
16.281	24.398	37793.984
45345.289	29.474	30.835

26.459	1.021	
11/22/2016 1:15:00 PM	573300.000	10.784
16.280	24.291	38284.918
45935.625	29.901	31.236
26.120	1.022	
11/22/2016 1:30:00 PM	574200.000	10.769
16.284	24.259	36146.992
43366.785	28.049	29.489
27.665	1.020	
11/22/2016 1:45:00 PM	575100.000	10.662
16.282	24.017	36713.793
44048.305	28.539	29.953
27.238	1.021	
11/22/2016 2:00:00 PM	576000.000	10.726
16.282	24.161	35950.152
43132.023	27.881	29.330
27.816	1.020	
11/22/2016 2:15:00 PM	576900.000	10.635
16.283	23.956	35122.699
42138.504	27.170	28.654
28.472	1.020	
11/22/2016 2:30:00 PM	577800.000	10.591
16.284	23.858	34069.410
40873.574	26.268	27.794
29.352	1.019	
11/22/2016 2:45:00 PM	578700.000	10.668
16.269	24.030	39461.230
47358.871	30.933	32.204
25.341	1.023	
11/22/2016 3:00:00 PM	579600.000	10.721
16.278	24.151	39368.066
47237.707	30.845	32.122
25.401	1.022	
11/22/2016 3:15:00 PM	580500.000	10.680
16.281	24.058	37398.129
44870.898	29.131	30.512
26.739	1.021	
11/22/2016 3:30:00 PM	581400.000	10.564
16.281	23.797	37794.961
45346.285	29.474	30.835
26.459	1.021	
11/22/2016 3:45:00 PM	582300.000	10.734
16.281	24.180	37238.523
44679.496	28.993	30.382
26.854	1.021	
11/22/2016 4:00:00 PM	583200.000	10.597
16.282	23.871	35704.133
42837.191	27.669	29.129
28.008	1.020	
11/22/2016 4:15:00 PM	584100.000	10.661
16.282	24.014	34586.332
41495.660	26.711	28.217
28.913	1.019	
11/22/2016 4:30:00 PM	585000.000	10.615
16.284	23.911	34881.281
41848.102	26.962	28.457
28.669	1.020	

11/22/2016 4:45:00 PM	585900.000	10.670
16.225	24.036	39493.180
47445.355	30.993	32.263
25.321	1.023	
11/22/2016 5:00:00 PM	586800.000	10.647
16.229	23.984	39482.855
47427.863	30.980	32.251
25.327	1.023	
11/22/2016 5:15:00 PM	587700.000	10.590
16.278	23.855	39315.324
47173.656	30.799	32.078
25.435	1.022	
11/22/2016 5:30:00 PM	588600.000	10.683
16.279	24.064	39052.598
46857.465	30.569	31.863
25.606	1.022	
11/22/2016 5:45:00 PM	589500.000	10.571
16.279	23.813	37671.676
45200.559	29.369	30.736
26.545	1.021	
11/22/2016 6:00:00 PM	590400.000	10.659
16.281	24.011	37209.746
44644.695	28.968	30.358
26.875	1.021	
11/22/2016 6:15:00 PM	591300.000	10.663
16.280	24.020	36250.719
43494.477	28.141	29.576
27.586	1.020	
11/22/2016 6:30:00 PM	592200.000	10.610
16.282	23.899	35393.215
42464.086	27.402	28.876
28.254	1.020	
11/22/2016 6:45:00 PM	593100.000	10.584
16.282	23.842	34912.371
41886.754	26.990	28.483
28.643	1.020	
11/22/2016 7:00:00 PM	594000.000	10.554
16.283	23.773	34850.918
41812.512	26.937	28.433
28.694	1.019	
11/22/2016 7:15:00 PM	594900.000	10.503
16.233	23.660	39428.875
47359.090	30.931	32.204
25.362	1.023	
11/22/2016 7:30:00 PM	595800.000	10.449
16.268	23.537	39428.160
47320.242	30.905	32.178
25.363	1.023	
11/22/2016 7:45:00 PM	596700.000	10.585
16.274	23.844	37822.027
45386.734	29.503	30.863
26.440	1.021	
11/22/2016 8:00:00 PM	597600.000	10.526
16.278	23.711	37618.590
45138.238	29.324	30.694
26.583	1.021	
11/22/2016 8:15:00 PM	598500.000	10.504

16.279	23.662	35892.008
43065.656	27.833	29.285
27.861	1.020	
11/22/2016 8:30:00 PM	599400.000	10.496
16.280	23.644	35898.504
43072.145	27.838	29.289
27.856	1.020	
11/22/2016 8:45:00 PM	600300.000	10.415
16.279	23.462	34495.125
41389.078	26.635	28.145
28.990	1.019	
11/22/2016 9:00:00 PM	601200.000	10.415
16.233	23.462	39476.988
47416.500	30.972	32.243
25.331	1.023	
11/22/2016 9:15:00 PM	602100.000	10.388
16.272	23.400	39284.852
47143.949	30.777	32.058
25.455	1.022	
11/22/2016 9:30:00 PM	603000.000	10.301
16.275	23.205	36903.836
44283.289	28.707	30.113
27.097	1.021	
11/22/2016 9:45:00 PM	603900.000	10.274
16.274	23.144	37069.094
44482.578	28.851	30.248
26.977	1.021	
11/22/2016 10:00:00 PM	604800.000	10.246
16.276	23.080	35411.156
42491.445	27.422	28.894
28.240	1.020	
11/22/2016 10:15:00 PM	605700.000	10.155
16.277	22.874	34502.965
41400.918	26.643	28.153
28.983	1.019	
11/22/2016 10:30:00 PM	606600.000	10.150
16.269	22.864	39289.465
47152.348	30.783	32.064
25.452	1.022	
11/22/2016 10:45:00 PM	607500.000	10.122
16.274	22.801	36744.152
44092.652	28.570	29.983
27.215	1.021	
11/22/2016 11:00:00 PM	608400.000	10.035
16.274	22.604	36359.707
43631.855	28.239	29.670
27.503	1.020	
11/22/2016 11:15:00 PM	609300.010	9.988
16.275	22.500	35972.316
43165.688	27.904	29.353
27.799	1.020	
11/22/2016 11:30:00 PM	610200.000	9.976
16.274	22.472	34145.586
40974.484	26.339	27.863
29.286	1.019	
11/22/2016 11:45:00 PM	611100.000	9.947
16.263	22.407	39390.656

47280.473	30.875	32.151
25.387	1.023	
11/23/2016 12:00:00 AM	612000.000	9.948
16.269	22.409	38411.281
46099.168	30.018	31.347
26.034	1.022	
11/23/2016 12:15:00 AM	612900.000	9.945
16.273	22.401	36743.734
44093.672	28.571	29.984
27.216	1.021	
11/23/2016 12:30:00 AM	613800.000	9.950
16.214	22.414	39419.566
47368.223	30.936	32.210
25.368	1.023	
11/23/2016 12:45:00 AM	614700.000	10.240
16.220	23.066	39429.305
47373.887	30.940	32.214
25.362	1.023	
11/23/2016 1:00:00 AM	615600.000	10.349
16.272	23.313	39294.840
47155.648	30.785	32.066
25.449	1.022	
11/23/2016 1:15:00 AM	616500.000	10.415
16.276	23.462	39059.625
46869.215	30.577	31.871
25.602	1.022	
11/23/2016 1:30:00 AM	617400.000	10.387
16.278	23.399	36458.699
43745.965	28.321	29.747
27.428	1.021	
11/23/2016 1:45:00 AM	618300.000	10.429
16.279	23.491	36104.000
43320.188	28.016	29.458
27.698	1.020	
11/23/2016 2:00:00 AM	619200.000	10.448
16.279	23.536	34993.270
41987.535	27.062	28.552
28.577	1.020	
11/23/2016 2:15:00 AM	620100.000	10.540
16.281	23.742	34015.359
40811.781	26.224	27.752
29.398	1.019	
11/23/2016 2:30:00 AM	621000.000	10.415
16.283	23.462	34126.773
40943.809	26.318	27.842
29.303	1.019	
11/23/2016 2:45:00 AM	621900.000	10.508
16.230	23.671	39398.883
47326.523	30.907	32.182
25.381	1.023	
11/23/2016 3:00:00 AM	622800.000	10.490
16.278	23.631	39261.383
47109.309	30.752	32.034
25.470	1.022	
11/23/2016 3:15:00 AM	623700.000	10.574
16.275	23.818	38123.734
45747.855	29.764	31.109

26.230	1.022	
11/23/2016 3:30:00 AM	624600.000	10.487
16.278	23.624	37200.113
44636.383	28.962	30.353
26.882	1.021	
11/23/2016 3:45:00 AM	625500.000	10.531
16.280	23.723	36015.027
43212.559	27.938	29.385
27.766	1.020	
11/23/2016 4:00:00 AM	626400.000	10.505
16.281	23.664	35730.266
42869.766	27.693	29.151
27.987	1.020	
11/23/2016 4:15:00 AM	627300.000	10.510
16.282	23.675	35104.578
42117.688	27.155	28.640
28.486	1.020	
11/23/2016 4:30:00 AM	628200.000	10.591
16.219	23.856	39332.012
47258.328	30.856	32.136
25.425	1.023	
11/23/2016 4:45:00 AM	629100.000	10.610
16.223	23.901	39345.512
47270.047	30.865	32.144
25.416	1.023	
11/23/2016 5:00:00 AM	630000.000	10.610
16.226	23.899	39348.781
47270.344	30.866	32.144
25.414	1.023	
11/23/2016 5:15:00 AM	630900.000	10.569
16.278	23.808	39192.441
47026.688	30.692	31.978
25.515	1.022	
11/23/2016 5:30:00 AM	631800.000	10.509
16.276	23.673	38120.828
45742.613	29.761	31.105
26.232	1.022	
11/23/2016 5:45:00 AM	632700.000	10.461
16.278	23.565	37560.340
45068.344	29.274	30.646
26.624	1.021	
11/23/2016 6:00:00 AM	633600.000	10.426
16.278	23.486	36563.898
43872.359	28.412	29.833
27.349	1.021	
11/23/2016 6:15:00 AM	634500.000	10.368
16.277	23.355	35932.543
43116.203	27.869	29.319
27.830	1.020	
11/23/2016 6:30:00 AM	635400.000	10.696
16.278	24.093	35792.344
42946.684	27.748	29.204
27.939	1.020	
11/23/2016 6:45:00 AM	636300.000	10.753
16.282	24.223	35293.070
42343.758	27.316	28.794
28.334	1.020	

11/23/2016 7:00:00 AM	637200.000	10.438
16.282	23.512	34542.574
41443.328	26.673	28.181
28.950	1.019	
11/23/2016 7:15:00 AM	638100.000	10.651
16.226	23.991	39333.805
47252.352	30.852	32.132
25.423	1.023	
11/23/2016 7:30:00 AM	639000.000	10.724
16.233	24.156	39299.566
47203.773	30.818	32.099
25.446	1.022	
11/23/2016 7:45:00 AM	639900.000	10.687
16.279	24.075	39200.516
47035.145	30.698	31.984
25.510	1.022	
11/23/2016 8:00:00 AM	640800.000	10.745
16.276	24.205	38054.813
45663.688	29.704	31.051
26.278	1.022	
11/23/2016 8:15:00 AM	641700.000	10.810
16.278	24.351	37508.219
45005.707	29.228	30.604
26.661	1.021	
11/23/2016 8:30:00 AM	642600.000	10.837
16.278	24.410	38215.445
45854.301	29.842	31.181
26.167	1.022	
11/23/2016 8:45:00 AM	643500.000	10.890
16.280	24.531	35318.699
42376.570	27.340	28.816
28.314	1.020	
11/23/2016 9:00:00 AM	644400.000	10.900
16.281	24.553	36273.066
43520.414	28.159	29.594
27.569	1.020	
11/23/2016 9:15:00 AM	645300.000	10.990
16.282	24.757	35883.801
43052.582	27.824	29.276
27.868	1.020	
11/23/2016 9:30:00 AM	646200.000	10.983
16.281	24.741	36827.543
44186.395	28.638	30.047
27.154	1.021	
11/23/2016 9:45:00 AM	647100.000	11.042
16.281	24.873	36066.586
43272.512	27.981	29.425
27.726	1.020	
11/23/2016 10:00:00 AM	648000.000	11.065
16.282	24.924	36468.520
43754.383	28.327	29.753
27.421	1.021	
11/23/2016 10:15:00 AM	648900.000	11.013
16.282	24.808	35365.980
42431.059	27.379	28.853
28.276	1.020	
11/23/2016 10:30:00 AM	649800.000	10.953

16.282	24.673	35101.324
42113.621	27.152	28.637
28.489	1.020	
11/23/2016 10:45:00 AM	650700.000	10.912
16.283	24.579	35401.734
42473.527	27.409	28.882
28.247	1.020	
11/23/2016 11:00:00 AM	651600.000	10.885
16.282	24.520	35749.754
42891.500	27.708	29.166
27.972	1.020	
11/23/2016 11:15:00 AM	652500.000	11.009
16.281	24.799	35202.578
42235.879	27.239	28.720
28.407	1.020	
11/23/2016 11:30:00 AM	653400.000	10.854
16.283	24.450	34717.133
41652.172	26.822	28.323
28.804	1.019	
11/23/2016 11:45:00 AM	654300.000	10.848
16.227	24.437	39287.531
47196.391	30.812	32.094
25.453	1.022	
11/23/2016 12:00:00 PM	655200.000	10.814
16.228	24.360	39317.027
47229.805	30.836	32.116
25.434	1.022	
11/23/2016 12:15:00 PM	656100.000	10.811
16.239	24.353	39239.723
47124.930	30.761	32.045
25.484	1.022	
11/23/2016 12:30:00 PM	657000.000	10.686
16.275	24.070	39181.637
47016.953	30.685	31.972
25.522	1.022	
11/23/2016 12:45:00 PM	657900.000	10.568
16.275	23.805	36466.758
43758.633	28.330	29.756
27.422	1.021	
11/23/2016 1:00:00 PM	658800.000	10.519
16.274	23.695	37266.281
44719.656	29.022	30.409
26.834	1.021	
11/23/2016 1:15:00 PM	659700.000	10.438
16.274	23.512	36214.891
43457.813	28.114	29.551
27.613	1.020	
11/23/2016 1:30:00 PM	660600.000	10.291
16.273	23.181	35227.926
42274.230	27.266	28.746
28.387	1.020	
11/23/2016 1:45:00 PM	661500.000	10.217
16.274	23.016	34401.535
41281.531	26.558	28.071
29.068	1.019	
11/23/2016 2:00:00 PM	662400.000	10.218
16.222	23.017	39298.379

47214.578	30.825	32.106
25.446	1.022	
11/23/2016 2:15:00 PM	663300.000	10.214
16.267	23.009	39228.363
47081.109	30.731	32.015
25.492	1.022	
11/23/2016 2:30:00 PM	664200.000	10.179
16.269	22.930	36349.477
43623.988	28.233	29.664
27.511	1.020	
11/23/2016 2:45:00 PM	665100.000	10.217
16.271	23.014	36971.895
44368.992	28.769	30.171
27.048	1.021	
11/23/2016 3:00:00 PM	666000.000	10.161
16.271	22.888	36215.023
43460.691	28.116	29.553
27.613	1.020	
11/23/2016 3:15:00 PM	666900.000	10.212
16.272	23.003	34662.492
41597.043	26.782	28.286
28.850	1.019	
11/23/2016 3:30:00 PM	667800.000	10.240
16.226	23.068	39345.324
47266.289	30.863	32.141
25.416	1.023	
11/23/2016 3:45:00 PM	668700.000	10.205
16.268	22.988	39142.848
46977.344	30.655	31.945
25.547	1.022	
11/23/2016 4:00:00 PM	669600.000	10.143
16.271	22.848	36451.527
43744.871	28.320	29.747
27.434	1.021	
11/23/2016 4:15:00 PM	670500.000	10.248
16.270	23.085	36859.523
44235.480	28.673	30.080
27.130	1.021	
11/23/2016 4:30:00 PM	671400.000	10.186
16.273	22.945	34829.668
41796.984	26.925	28.422
28.711	1.019	
11/23/2016 4:45:00 PM	672300.000	10.191
16.273	22.957	34297.004
41157.352	26.469	27.987
29.157	1.019	
11/23/2016 5:00:00 PM	673200.000	10.260
16.274	23.112	34342.152
41210.691	26.507	28.023
29.119	1.019	
11/23/2016 5:15:00 PM	674100.000	10.147
16.258	22.856	39258.387
47127.340	30.764	32.047
25.472	1.022	
11/23/2016 5:30:00 PM	675000.000	10.319
16.268	23.244	38398.035
46083.453	30.007	31.337

26.043	1.022	
11/23/2016 5:45:00 PM	675900.000	10.312
16.270	23.229	37080.391
44500.277	28.863	30.260
26.968	1.021	
11/23/2016 6:00:00 PM	676800.000	10.270
16.271	23.135	36702.211
44045.535	28.536	29.951
27.246	1.021	
11/23/2016 6:15:00 PM	677700.000	10.307
16.273	23.217	36095.852
43316.363	28.012	29.455
27.704	1.020	
11/23/2016 6:30:00 PM	678600.000	10.389
16.273	23.401	34934.859
41922.543	27.015	28.507
28.625	1.020	
11/23/2016 6:45:00 PM	679500.000	10.407
16.215	23.442	39360.680
47296.410	30.884	32.162
25.406	1.023	
11/23/2016 7:00:00 PM	680400.000	10.264
16.219	23.122	39273.043
47187.098	30.805	32.087
25.463	1.022	
11/23/2016 7:15:00 PM	681300.000	10.371
16.257	23.361	39258.836
47128.738	30.765	32.048
25.472	1.022	
11/23/2016 7:30:00 PM	682200.000	10.435
16.268	23.505	39204.063
47051.078	30.709	31.995
25.508	1.022	
11/23/2016 7:45:00 PM	683100.000	10.407
16.271	23.444	36762.637
44118.230	28.588	30.000
27.202	1.021	
11/23/2016 8:00:00 PM	684000.000	10.340
16.271	23.293	37263.625
44719.730	29.022	30.409
26.836	1.021	
11/23/2016 8:15:00 PM	684900.000	10.343
16.272	23.298	37374.727
44851.508	29.117	30.499
26.756	1.021	
11/23/2016 8:30:00 PM	685800.000	10.384
16.272	23.392	35758.438
42911.719	27.722	29.180
27.965	1.020	
11/23/2016 8:45:00 PM	686700.000	10.298
16.273	23.198	35257.234
42309.563	27.291	28.771
28.363	1.020	
11/23/2016 9:00:00 PM	687600.000	10.280
16.213	23.156	39316.023
47245.621	30.847	32.127
25.435	1.023	

11/23/2016 9:15:00 PM	688500.000	10.317
16.214	23.240	39314.434
47242.281	30.844	32.125
25.436	1.023	
11/23/2016 9:30:00 PM	689400.000	10.256
16.257	23.104	39285.328
47160.352	30.788	32.069
25.455	1.022	
11/23/2016 9:45:00 PM	690300.000	10.163
16.267	22.893	38221.020
45872.852	29.854	31.194
26.164	1.022	
11/23/2016 10:00:00 PM	691200.000	10.179
16.269	22.930	37440.652
44933.902	29.176	30.555
26.709	1.021	
11/23/2016 10:15:00 PM	692100.000	10.150
16.271	22.865	36260.133
43515.617	28.155	29.591
27.578	1.020	
11/23/2016 10:30:00 PM	693000.000	10.124
16.269	22.806	35327.473
42397.867	27.354	28.831
28.307	1.020	
11/23/2016 10:45:00 PM	693900.000	10.029
16.216	22.591	39366.797
47303.098	30.889	32.166
25.402	1.023	
11/23/2016 11:00:00 PM	694800.000	9.983
16.222	22.487	39374.352
47306.043	30.891	32.168
25.397	1.023	
11/23/2016 11:15:00 PM	695700.000	10.015
16.266	22.561	39077.664
46902.137	30.601	31.893
25.590	1.022	
11/23/2016 11:30:00 PM	696600.000	10.019
16.266	22.569	37046.410
44463.445	28.837	30.235
26.993	1.021	
11/23/2016 11:45:00 PM	697500.000	10.020
16.266	22.571	35914.430
43105.277	27.861	29.312
27.844	1.020	

Report Date: 11/28/2016 8:32:35 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP Barotroll_2016-11-24_16-52-35-675.wsl
Create Date: 11/24/2016 4:52:31 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

Log Data:

Record Count: 844

Sensors: 1

1 - 399604: Baro-Pressure/Temp

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)
11/17/2016 12:00:00 AM	93600.000	763.893	13.862
11/17/2016 12:15:00 AM	94500.000	764.091	13.700
11/17/2016 12:30:00 AM	95400.000	764.101	13.567
11/17/2016 12:45:00 AM	96300.000	764.022	13.386
11/17/2016 1:00:00 AM	97200.000	763.845	13.247
11/17/2016 1:15:00 AM	98100.000	763.915	13.105
11/17/2016 1:30:00 AM	99000.000	763.773	12.970
11/17/2016 1:45:00 AM	99900.000	763.840	12.840
11/17/2016 2:00:00 AM	100800.000	764.046	12.731
11/17/2016 2:15:00 AM	101700.000	764.280	12.636
11/17/2016 2:30:00 AM	102600.000	764.038	12.595
11/17/2016 2:45:00 AM	103500.000	763.624	12.470
11/17/2016 3:00:00 AM	104400.000	763.838	12.362
11/17/2016 3:15:00 AM	105300.000	764.093	12.260
11/17/2016 3:30:00 AM	106200.000	764.146	12.163
11/17/2016 3:45:00 AM	107100.000	763.880	12.113
11/17/2016 4:00:00 AM	108000.000	763.681	12.043
11/17/2016 4:15:00 AM	108900.000	763.964	11.964
11/17/2016 4:30:00 AM	109800.000	764.181	11.909
11/17/2016 4:45:00 AM	110700.000	764.395	11.853
11/17/2016 5:00:00 AM	111600.000	764.365	11.781
11/17/2016 5:15:00 AM	112500.000	764.186	11.695
11/17/2016 5:30:00 AM	113400.000	764.370	11.631
11/17/2016 5:45:00 AM	114300.000	764.383	11.603
11/17/2016 6:00:00 AM	115200.000	764.069	11.516
11/17/2016 6:15:00 AM	116100.000	764.363	11.480
11/17/2016 6:30:00 AM	117000.000	764.423	11.382
11/17/2016 6:45:00 AM	117900.000	764.649	11.332
11/17/2016 7:00:00 AM	118800.000	764.474	11.285
11/17/2016 7:15:00 AM	119700.000	764.838	11.223
11/17/2016 7:30:00 AM	120600.000	764.975	11.156
11/17/2016 7:45:00 AM	121500.000	764.791	11.170
11/17/2016 8:00:00 AM	122400.000	765.114	11.307
11/17/2016 8:15:00 AM	123300.000	765.661	11.484
11/17/2016 8:30:00 AM	124200.000	765.432	11.763
11/17/2016 8:45:00 AM	125100.000	764.868	12.082
11/17/2016 9:00:00 AM	126000.000	765.053	12.477
11/17/2016 9:15:00 AM	126900.000	765.551	12.802
11/17/2016 9:30:00 AM	127800.000	765.021	13.098
11/17/2016 9:45:00 AM	128700.000	764.900	13.397
11/17/2016 10:00:00 AM	129600.000	764.834	13.626
11/17/2016 10:15:00 AM	130500.000	764.776	13.862
11/17/2016 10:30:00 AM	131400.000	764.668	14.066
11/17/2016 10:45:00 AM	132300.000	764.927	14.294
11/17/2016 11:00:00 AM	133200.000	764.935	14.510

11/17/2016 11:15:00 AM	134100.000	764.761	14.718
11/17/2016 11:30:00 AM	135000.000	764.584	14.933
11/17/2016 11:45:00 AM	135900.000	764.508	15.101
11/17/2016 12:00:00 PM	136800.000	764.400	15.291
11/17/2016 12:15:00 PM	137700.000	763.837	15.482
11/17/2016 12:30:00 PM	138600.000	763.817	15.646
11/17/2016 12:45:00 PM	139500.000	764.069	15.813
11/17/2016 1:00:00 PM	140400.000	763.784	15.977
11/17/2016 1:15:00 PM	141300.000	763.241	16.116
11/17/2016 1:30:00 PM	142200.000	763.535	16.275
11/17/2016 1:45:00 PM	143100.000	763.231	16.431
11/17/2016 2:00:00 PM	144000.000	763.450	16.548
11/17/2016 2:15:00 PM	144900.000	763.477	16.672
11/17/2016 2:30:00 PM	145800.000	762.918	16.739
11/17/2016 2:45:00 PM	146700.000	762.910	16.848
11/17/2016 3:00:00 PM	147600.000	763.092	16.880
11/17/2016 3:15:00 PM	148500.000	762.763	16.869
11/17/2016 3:30:00 PM	149400.000	762.827	16.846
11/17/2016 3:45:00 PM	150300.000	763.346	16.737
11/17/2016 4:00:00 PM	151200.000	763.081	16.640
11/17/2016 4:15:00 PM	152100.000	762.817	16.546
11/17/2016 4:30:00 PM	153000.000	762.695	16.464
11/17/2016 4:45:00 PM	153900.000	762.651	16.307
11/17/2016 5:00:00 PM	154800.000	762.856	16.187
11/17/2016 5:15:00 PM	155700.000	763.067	16.036
11/17/2016 5:30:00 PM	156600.000	763.018	15.846
11/17/2016 5:45:00 PM	157500.000	763.026	15.707
11/17/2016 6:00:00 PM	158400.000	762.737	15.525
11/17/2016 6:15:00 PM	159300.000	763.139	15.340
11/17/2016 6:30:00 PM	160200.000	763.113	15.205
11/17/2016 6:45:00 PM	161100.000	763.299	15.036
11/17/2016 7:00:00 PM	162000.000	763.189	14.847
11/17/2016 7:15:00 PM	162900.000	763.111	14.687
11/17/2016 7:30:00 PM	163800.000	762.988	14.508
11/17/2016 7:45:00 PM	164700.000	763.449	14.390
11/17/2016 8:00:00 PM	165600.000	763.301	14.261
11/17/2016 8:15:00 PM	166500.000	762.602	14.123
11/17/2016 8:30:00 PM	167400.000	763.205	14.011
11/17/2016 8:45:00 PM	168300.000	763.049	13.946
11/17/2016 9:00:00 PM	169200.000	763.205	13.805
11/17/2016 9:15:00 PM	170100.000	763.145	13.689
11/17/2016 9:30:00 PM	171000.000	762.965	13.587
11/17/2016 9:45:00 PM	171900.000	762.924	13.477
11/17/2016 10:00:00 PM	172800.000	762.998	13.371
11/17/2016 10:15:00 PM	173700.000	763.316	13.234
11/17/2016 10:30:00 PM	174600.000	763.137	13.111
11/17/2016 10:45:00 PM	175500.000	762.990	12.982
11/17/2016 11:00:00 PM	176400.000	763.000	12.854
11/17/2016 11:15:00 PM	177300.000	762.994	12.725
11/17/2016 11:30:00 PM	178200.000	763.116	12.674
11/17/2016 11:45:00 PM	179100.000	762.961	12.579
11/18/2016 12:00:00 AM	180000.000	763.121	12.517
11/18/2016 12:15:00 AM	180900.000	763.008	12.463
11/18/2016 12:30:00 AM	181800.000	762.771	12.401
11/18/2016 12:45:00 AM	182700.000	762.782	12.317
11/18/2016 1:00:00 AM	183600.000	762.596	12.268
11/18/2016 1:15:00 AM	184500.000	762.527	12.186
11/18/2016 1:30:00 AM	185400.000	762.382	12.125
11/18/2016 1:45:00 AM	186300.000	762.655	12.066
11/18/2016 2:00:00 AM	187200.000	762.581	11.970

11/18/2016 2:15:00 AM	188100.000	762.666	11.877
11/18/2016 2:30:00 AM	189000.000	762.578	11.774
11/18/2016 2:45:00 AM	189900.000	762.263	11.692
11/18/2016 3:00:00 AM	190800.000	762.362	11.580
11/18/2016 3:15:00 AM	191700.000	762.636	11.551
11/18/2016 3:30:00 AM	192600.000	762.787	11.516
11/18/2016 3:45:00 AM	193500.000	762.299	11.479
11/18/2016 4:00:00 AM	194400.000	762.414	11.415
11/18/2016 4:15:00 AM	195300.000	762.793	11.391
11/18/2016 4:30:00 AM	196200.000	762.734	11.389
11/18/2016 4:45:00 AM	197100.000	762.650	11.363
11/18/2016 5:00:00 AM	198000.000	762.297	11.298
11/18/2016 5:15:00 AM	198900.000	762.458	11.287
11/18/2016 5:30:00 AM	199800.000	762.372	11.198
11/18/2016 5:45:00 AM	200700.000	762.302	11.156
11/18/2016 6:00:00 AM	201600.000	762.244	11.110
11/18/2016 6:15:00 AM	202500.000	762.225	11.097
11/18/2016 6:30:00 AM	203400.000	762.312	11.132
11/18/2016 6:45:00 AM	204300.000	762.261	11.093
11/18/2016 7:00:00 AM	205200.000	762.538	11.030
11/18/2016 7:15:00 AM	206100.000	762.717	11.021
11/18/2016 7:30:00 AM	207000.000	762.764	10.998
11/18/2016 7:45:00 AM	207900.000	762.703	11.032
11/18/2016 8:00:00 AM	208800.000	762.913	11.107
11/18/2016 8:15:00 AM	209700.000	763.157	11.260
11/18/2016 8:30:00 AM	210600.000	763.157	11.444
11/18/2016 8:45:00 AM	211500.000	763.214	11.732
11/18/2016 9:00:00 AM	212400.000	763.107	12.014
11/18/2016 9:15:00 AM	213300.000	763.492	12.332
11/18/2016 9:30:00 AM	214200.000	763.168	12.645
11/18/2016 9:45:00 AM	215100.000	763.249	12.941
11/18/2016 10:00:00 AM	216000.000	762.881	13.203
11/18/2016 10:15:00 AM	216900.000	763.251	13.500
11/18/2016 10:30:00 AM	217800.000	762.810	13.786
11/18/2016 10:45:00 AM	218700.000	763.057	14.057
11/18/2016 11:00:00 AM	219600.000	762.790	14.324
11/18/2016 11:15:00 AM	220500.000	762.914	14.548
11/18/2016 11:30:00 AM	221400.000	762.316	14.771
11/18/2016 11:45:00 AM	222300.000	762.566	14.986
11/18/2016 12:00:00 PM	223200.000	762.296	15.217
11/18/2016 12:15:00 PM	224100.000	762.294	15.418
11/18/2016 12:30:00 PM	225000.000	761.886	15.628
11/18/2016 12:45:00 PM	225900.000	761.652	15.800
11/18/2016 1:00:00 PM	226800.000	761.252	16.004
11/18/2016 1:15:00 PM	227700.000	761.052	16.178
11/18/2016 1:30:00 PM	228600.000	761.000	16.347
11/18/2016 1:45:00 PM	229500.000	760.969	16.519
11/18/2016 2:00:00 PM	230400.000	760.964	16.648
11/18/2016 2:15:00 PM	231300.000	760.618	16.756
11/18/2016 2:30:00 PM	232200.000	760.332	16.923
11/18/2016 2:45:00 PM	233100.000	760.167	17.008
11/18/2016 3:00:00 PM	234000.000	760.186	17.050
11/18/2016 3:15:00 PM	234900.000	760.274	17.093
11/18/2016 3:30:00 PM	235800.000	760.125	17.021
11/18/2016 3:45:00 PM	236700.000	760.279	16.942
11/18/2016 4:00:00 PM	237600.000	760.116	16.830
11/18/2016 4:15:00 PM	238500.000	760.644	16.726
11/18/2016 4:30:00 PM	239400.000	760.745	16.611
11/18/2016 4:45:00 PM	240300.000	760.817	16.498
11/18/2016 5:00:00 PM	241200.000	760.555	16.378

11/18/2016 5:15:00 PM	242100.000	760.604	16.224
11/18/2016 5:30:00 PM	243000.000	760.930	16.132
11/18/2016 5:45:00 PM	243900.000	760.769	15.980
11/18/2016 6:00:00 PM	244800.000	760.808	15.829
11/18/2016 6:15:00 PM	245700.000	761.137	15.672
11/18/2016 6:30:00 PM	246600.000	761.258	15.476
11/18/2016 6:45:00 PM	247500.000	760.914	15.314
11/18/2016 7:00:00 PM	248400.000	761.192	15.094
11/18/2016 7:15:00 PM	249300.000	761.154	14.894
11/18/2016 7:30:00 PM	250200.000	761.060	14.745
11/18/2016 7:45:00 PM	251100.000	761.195	14.538
11/18/2016 8:00:00 PM	252000.000	761.241	14.382
11/18/2016 8:15:00 PM	252900.000	761.139	14.228
11/18/2016 8:30:00 PM	253800.000	761.385	14.114
11/18/2016 8:45:00 PM	254700.000	761.198	14.026
11/18/2016 9:00:00 PM	255600.000	761.536	13.881
11/18/2016 9:15:00 PM	256500.000	761.550	13.791
11/18/2016 9:30:00 PM	257400.000	761.559	13.705
11/18/2016 9:45:00 PM	258300.000	761.601	13.646
11/18/2016 10:00:00 PM	259200.000	761.776	13.543
11/18/2016 10:15:00 PM	260100.000	761.918	13.444
11/18/2016 10:30:00 PM	261000.000	761.544	13.337
11/18/2016 10:45:00 PM	261900.000	761.801	13.213
11/18/2016 11:00:00 PM	262800.000	761.191	13.094
11/18/2016 11:15:00 PM	263700.000	761.497	12.972
11/18/2016 11:30:00 PM	264600.000	761.809	12.825
11/18/2016 11:45:00 PM	265500.000	761.334	12.668
11/19/2016 12:00:00 AM	266400.000	762.037	12.570
11/19/2016 12:15:00 AM	267300.000	761.653	12.428
11/19/2016 12:30:00 AM	268200.000	761.484	12.369
11/19/2016 12:45:00 AM	269100.000	761.535	12.293
11/19/2016 1:00:00 AM	270000.000	761.645	12.228
11/19/2016 1:15:00 AM	270900.000	761.443	12.213
11/19/2016 1:30:00 AM	271800.000	761.364	12.191
11/19/2016 1:45:00 AM	272700.000	761.100	12.157
11/19/2016 2:00:00 AM	273600.000	761.456	12.137
11/19/2016 2:15:00 AM	274500.000	761.361	12.072
11/19/2016 2:30:00 AM	275400.000	761.141	12.004
11/19/2016 2:45:00 AM	276300.000	761.108	11.971
11/19/2016 3:00:00 AM	277200.000	761.323	11.871
11/19/2016 3:15:00 AM	278100.000	761.033	11.788
11/19/2016 3:30:00 AM	279000.000	761.468	11.697
11/19/2016 3:45:00 AM	279900.000	761.049	11.567
11/19/2016 4:00:00 AM	280800.000	760.954	11.483
11/19/2016 4:15:00 AM	281700.000	760.695	11.390
11/19/2016 4:30:00 AM	282600.000	760.906	11.342
11/19/2016 4:45:00 AM	283500.000	760.951	11.278
11/19/2016 5:00:00 AM	284400.000	760.681	11.244
11/19/2016 5:15:00 AM	285300.000	761.046	11.226
11/19/2016 5:30:00 AM	286200.000	760.786	11.237
11/19/2016 5:45:00 AM	287100.000	760.581	11.198
11/19/2016 6:00:00 AM	288000.000	760.454	11.157
11/19/2016 6:15:00 AM	288900.000	760.533	11.172
11/19/2016 6:30:00 AM	289800.000	760.406	11.185
11/19/2016 6:45:00 AM	290700.000	760.869	11.253
11/19/2016 7:00:00 AM	291600.000	760.643	11.338
11/19/2016 7:15:00 AM	292500.000	760.532	11.448
11/19/2016 7:30:00 AM	293400.000	760.378	11.585
11/19/2016 7:45:00 AM	294300.000	760.737	11.769
11/19/2016 8:00:00 AM	295200.000	760.609	11.986

11/19/2016 8:15:00 AM	296100.000	760.662	12.199
11/19/2016 8:30:00 AM	297000.000	760.458	12.435
11/19/2016 8:45:00 AM	297900.000	760.572	12.655
11/19/2016 9:00:00 AM	298800.000	760.658	12.821
11/19/2016 9:15:00 AM	299700.000	761.024	13.033
11/19/2016 9:30:00 AM	300600.000	760.937	13.219
11/19/2016 9:45:00 AM	301500.000	760.750	13.414
11/19/2016 10:00:00 AM	302400.000	760.822	13.564
11/19/2016 10:15:00 AM	303300.000	760.494	13.730
11/19/2016 10:30:00 AM	304200.000	760.709	13.897
11/19/2016 10:45:00 AM	305100.000	760.799	14.069
11/19/2016 11:00:00 AM	306000.000	760.925	14.253
11/19/2016 11:15:00 AM	306900.000	760.681	14.421
11/19/2016 11:30:00 AM	307800.000	760.675	14.582
11/19/2016 11:45:00 AM	308700.000	760.898	14.706
11/19/2016 12:00:00 PM	309600.000	760.328	14.837
11/19/2016 12:15:00 PM	310500.000	760.308	15.013
11/19/2016 12:30:00 PM	311400.000	760.403	15.064
11/19/2016 12:45:00 PM	312300.000	760.429	15.148
11/19/2016 1:00:00 PM	313200.000	760.729	15.222
11/19/2016 1:15:00 PM	314100.000	760.043	15.306
11/19/2016 1:30:00 PM	315000.000	760.168	15.333
11/19/2016 1:45:00 PM	315900.000	760.154	15.362
11/19/2016 2:00:00 PM	316800.000	759.988	15.445
11/19/2016 2:15:00 PM	317700.000	760.206	15.487
11/19/2016 2:30:00 PM	318600.000	760.095	15.539
11/19/2016 2:45:00 PM	319500.000	759.918	15.624
11/19/2016 3:00:00 PM	320400.000	760.144	15.643
11/19/2016 3:15:00 PM	321300.000	760.092	15.678
11/19/2016 3:30:00 PM	322200.000	760.145	15.729
11/19/2016 3:45:00 PM	323100.000	760.179	15.787
11/19/2016 4:00:00 PM	324000.000	760.310	15.746
11/19/2016 4:15:00 PM	324900.000	760.226	15.740
11/19/2016 4:30:00 PM	325800.000	759.982	15.670
11/19/2016 4:45:00 PM	326700.000	759.925	15.638
11/19/2016 5:00:00 PM	327600.000	760.113	15.604
11/19/2016 5:15:00 PM	328500.000	759.862	15.567
11/19/2016 5:30:00 PM	329400.000	760.011	15.544
11/19/2016 5:45:00 PM	330300.000	760.195	15.507
11/19/2016 6:00:00 PM	331200.000	760.162	15.483
11/19/2016 6:15:00 PM	332100.000	760.202	15.498
11/19/2016 6:30:00 PM	333000.000	760.049	15.448
11/19/2016 6:45:00 PM	333900.000	760.529	15.390
11/19/2016 7:00:00 PM	334800.000	760.481	15.368
11/19/2016 7:15:00 PM	335700.000	760.603	15.328
11/19/2016 7:30:00 PM	336600.000	760.526	15.333
11/19/2016 7:45:00 PM	337500.000	760.650	15.260
11/19/2016 8:00:00 PM	338400.000	760.759	15.233
11/19/2016 8:15:00 PM	339300.000	760.732	15.189
11/19/2016 8:30:00 PM	340200.000	760.398	15.153
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11/23/2016 3:30:00 AM	624600.000	766.793	12.843
11/23/2016 3:45:00 AM	625500.000	766.973	12.913
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11/23/2016 5:00:00 AM	630000.000	767.576	12.785
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11/23/2016 9:15:00 AM	645300.000	770.115	12.622
11/23/2016 9:30:00 AM	646200.000	770.208	12.882
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Serial_number:

2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date

	Time	ms	LEVEL	TEMPERATURE
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11/17/2016	1:15:00	0	14.7204	6.009
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11/17/2016	2:15:00	0	14.7211	5.752
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11/22/2016	21:30:00	0	14.762	7.808
11/22/2016	21:45:00	0	14.7623	7.787
11/22/2016	22:00:00	0	14.7613	7.755
11/22/2016	22:15:00	0	14.7621	7.721
11/22/2016	22:30:00	0	14.762	7.743
11/22/2016	22:45:00	0	14.7612	7.721
11/22/2016	23:00:00	0	14.7617	7.61
11/22/2016	23:15:00	0	14.7639	7.637
11/22/2016	23:30:00	0	14.7638	7.731
11/22/2016	23:45:00	0	14.7626	7.775
11/23/2016	0:00:00	0	14.7609	7.913
11/23/2016	0:15:00	0	14.7611	8.052
11/23/2016	0:30:00	0	14.7624	8.201
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11/23/2016	1:15:00	0	14.757	8.384
11/23/2016	1:30:00	0	14.7603	8.434
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11/23/2016	2:45:00	0	14.7692	8.572
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11/23/2016	3:15:00	0	14.7708	8.839
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11/23/2016	3:45:00	0	14.7824	9.511
11/23/2016	4:00:00	0	14.7864	9.469
11/23/2016	4:15:00	0	14.7901	9.399
11/23/2016	4:30:00	0	14.7948	9.198
11/23/2016	4:45:00	0	14.7976	8.895
11/23/2016	5:00:00	0	14.8	8.431
11/23/2016	5:15:00	0	14.8017	8.001
11/23/2016	5:30:00	0	14.8045	7.661
11/23/2016	5:45:00	0	14.8058	7.244

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11/23/2016	6:15:00	0	14.8064	6.768
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11/23/2016	6:45:00	0	14.8107	6.616
11/23/2016	7:00:00	0	14.8133	6.523
11/23/2016	7:15:00	0	14.8182	6.457
11/23/2016	7:30:00	0	14.8208	6.491
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11/23/2016	16:00:00	0	14.8254	12.824
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11/23/2016	17:45:00	0	14.8331	11.021
11/23/2016	18:00:00	0	14.8336	10.869
11/23/2016	18:15:00	0	14.8351	10.774
11/23/2016	18:30:00	0	14.8369	10.671
11/23/2016	18:45:00	0	14.8385	10.471
11/23/2016	19:00:00	0	14.8412	10.198
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11/23/2016	19:30:00	0	14.843	9.614
11/23/2016	19:45:00	0	14.8431	9.262
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11/23/2016	21:00:00	0	14.8478	7.643
11/23/2016	21:15:00	0	14.8463	7.436
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11/23/2016	22:00:00	0	14.8504	6.97
11/23/2016	22:15:00	0	14.8503	6.793
11/23/2016	22:30:00	0	14.8519	6.701
11/23/2016	22:45:00	0	14.8504	6.695
11/23/2016	23:00:00	0	14.853	6.671
11/23/2016	23:15:00	0	14.8542	6.602
11/23/2016	23:30:00	0	14.8541	6.512
11/23/2016	23:45:00	0	14.8548	6.554

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