MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 80

2-November-16 - 9-November-16

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

November 15, 2016

PREPARED FOR:
California American Water

CALIFORNIA AMERICAN WATER

GEOSCIENCE Support Services, Inc., **Ground Water Resources Development**
P.O. Box 220, Claremont, CA 91711 | P (909) 451-6650 | F (909) 451-6638 |
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GEOSCIENCE SUPPORT SERVICES INCORPORATED
Ground Water Resources Development
P.O. Box 220, Claremont, CA 91711
T: 909-451-6650
F: 909-451-6638

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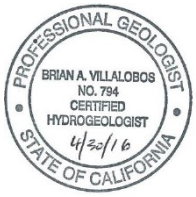

Brian Villalobos, CEG, CHG
Senior Geohydrologist

Nathan Reynolds
Project Manager

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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. 80
2-NOVEMBER-16 - 9-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 2-November-16 through 9-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

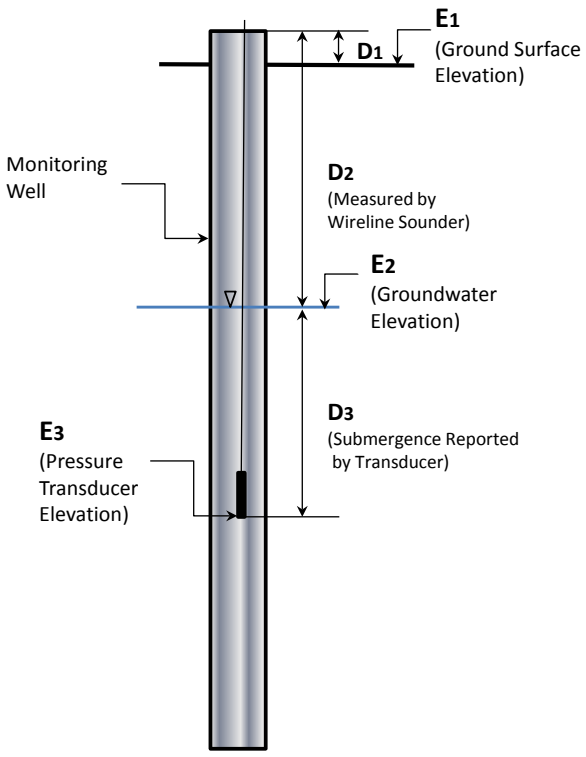
All downloaded pressure transducer data as well as specific conductivity (EC) during the monitoring period are included in Appendix B. Appendix B data is cumulative and only the appended data will be printed in each weekly monitoring report. Figures 2-1 to 2-8 show graphical plots of groundwater elevations 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. 80 (this report), is the eightieth of the weekly long-term pumping monitoring reports and follows the weekly baseline monitoring reports, the last of which ended on 22-Apr-15 (Baseline Monitoring Report No. 7[1]).

2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

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



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

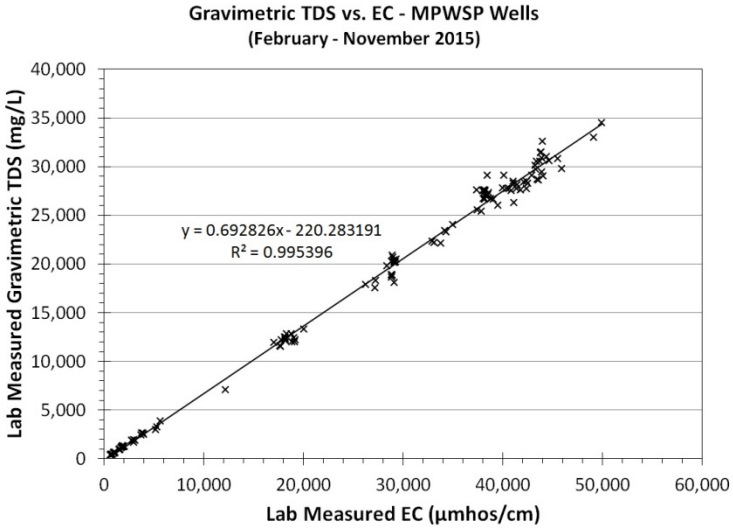
Once the transducer elevation has been established, groundwater elevations in ft NAVD88 are calculated from transducer submergence readings (*D3*) (psi converted to ft) and depth to water measurements (*D2*) as follows:

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

[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 (EC) MEASUREMENTS



Estimation of TDS from EC utilizes a conversion factor that is specific to a given water chemistry. Based on the normalized EC value (corrected to 25° C), an EC conversion factor may be used to estimate TDS from the product of the temperature-corrected EC value and the TDS:EC correction factor. The factor is calculated by dividing the laboratory measured EC by the laboratory measured TDS using the gravimetric calculated TDS. Accuracy of the TDS:EC conversion factor is improved through collection of on-going direct measurements of TDS in groundwater samples using laboratory gravimetric methods. A plot of well specific laboratory measured EC versus TDS from 133 sampling events (from the Test Slant Well and network monitoring wells) collected between February and November 2015 shows a linear relationship (see inset). The equation of which may be used as a general estimate of TDS from measured EC.

3.1 Additional Monitoring Methods

The baseline water level and water quality data indicated that the water quality in the aquifers at MW-3 and MW-4 series show vertical stratification. Therefore, direct correlation between laboratory samples collected by pumping the monitoring wells and conductivity data cannot be made since the pumped samples represent a mixing of waters from the entire screen interval and the transducer records conductivity from a single depth.

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

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

FIGURES

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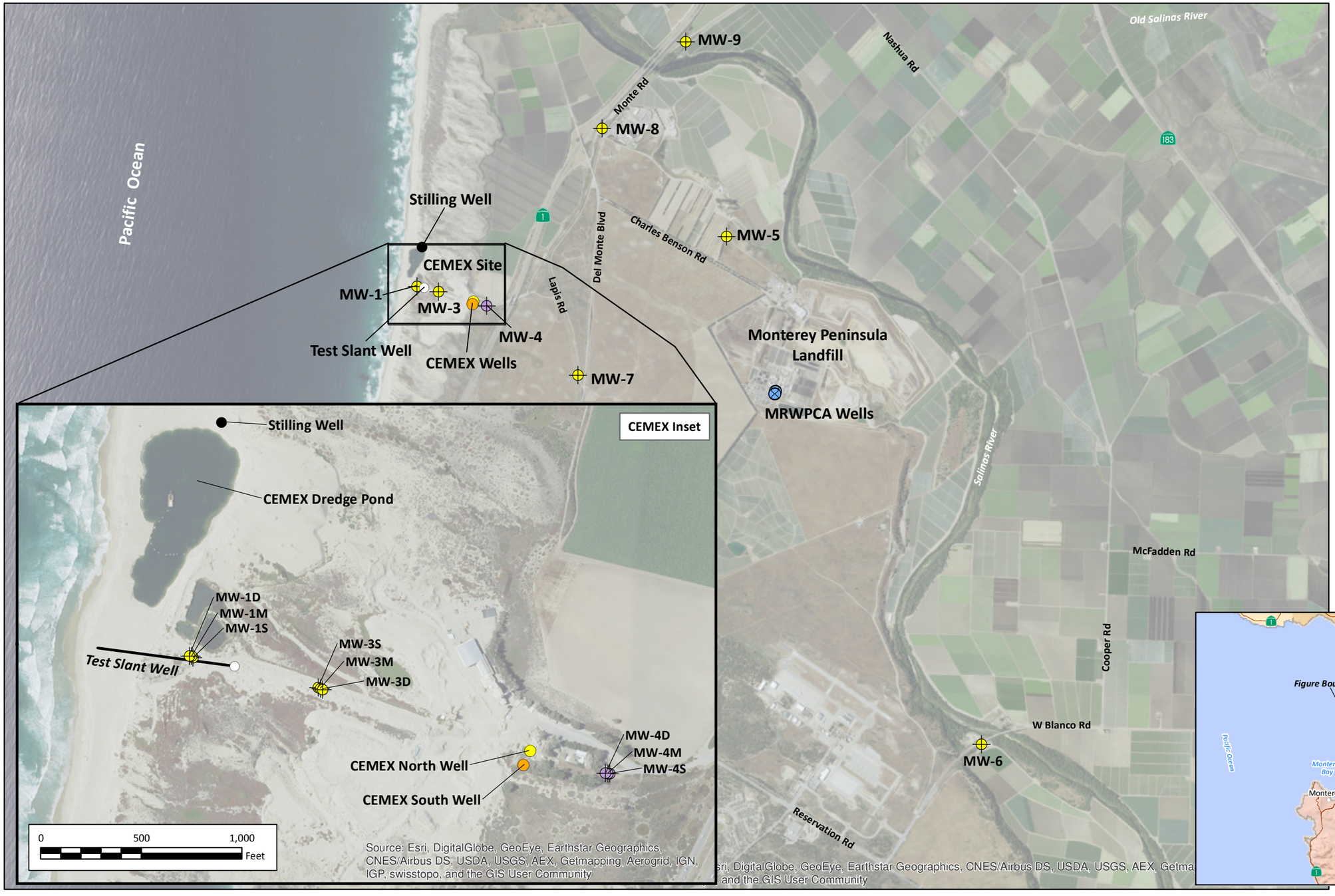
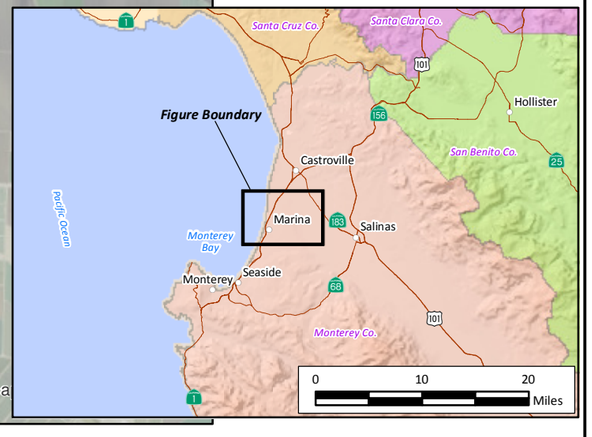
MPWSP GROUNDWATER MONITORING NETWORK



EXPLANATION

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

Regional Inset



15-Nov-16

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

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NORTH

0 1,500 3,000 6,000 Feet

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Figure 1-1

W:\GIS_proj\mcwsp_cal_am\rbf_wl_monitoring\Long-Term_Monitoring_Rpt_No80_11-15-16\1_Fig_1-1_MonWells_used_11-15-16.mxd

Groundwater Elevation in MPWSP MW-1

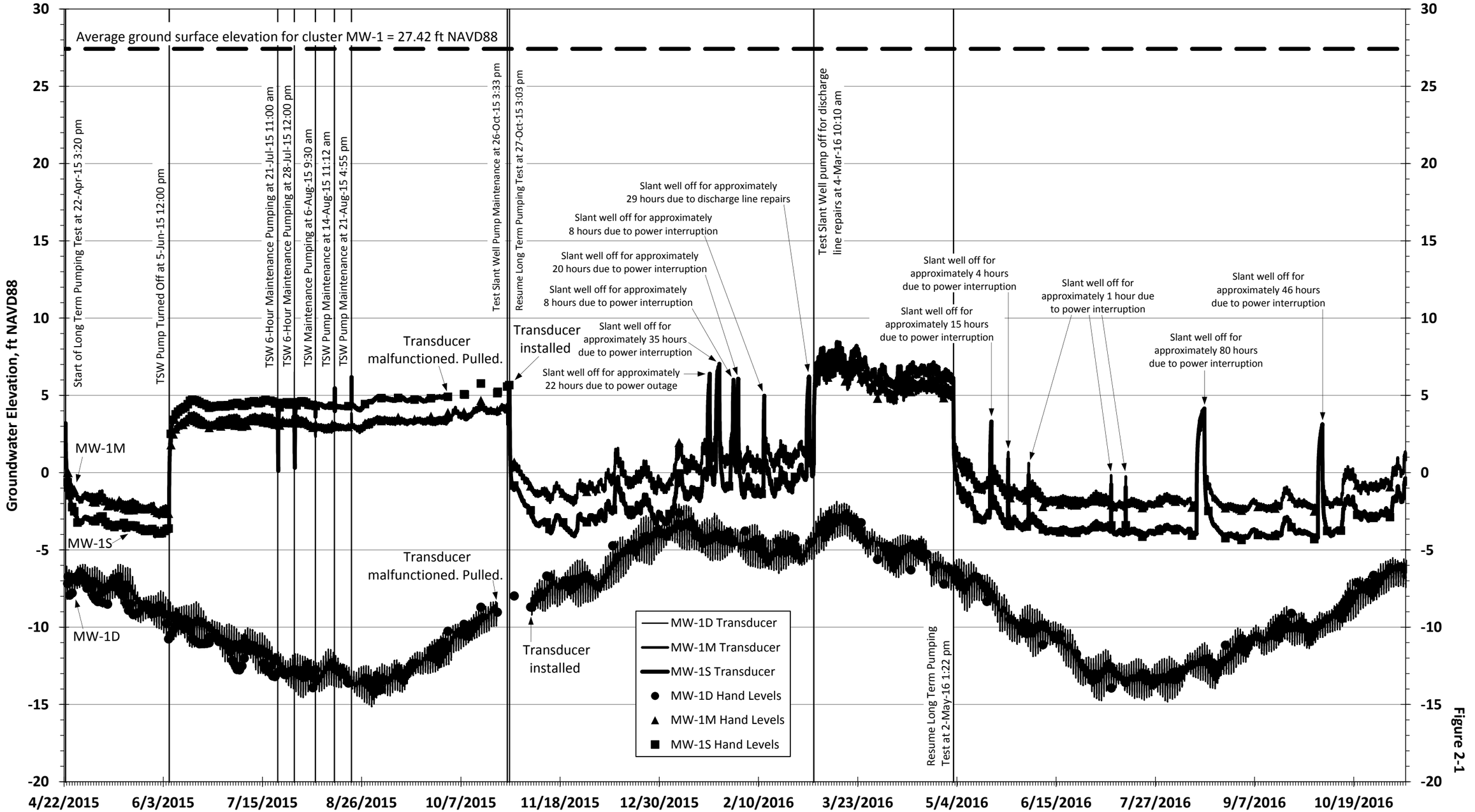

Figure 2-1

Groundwater Elevation in MPWSP MW-3

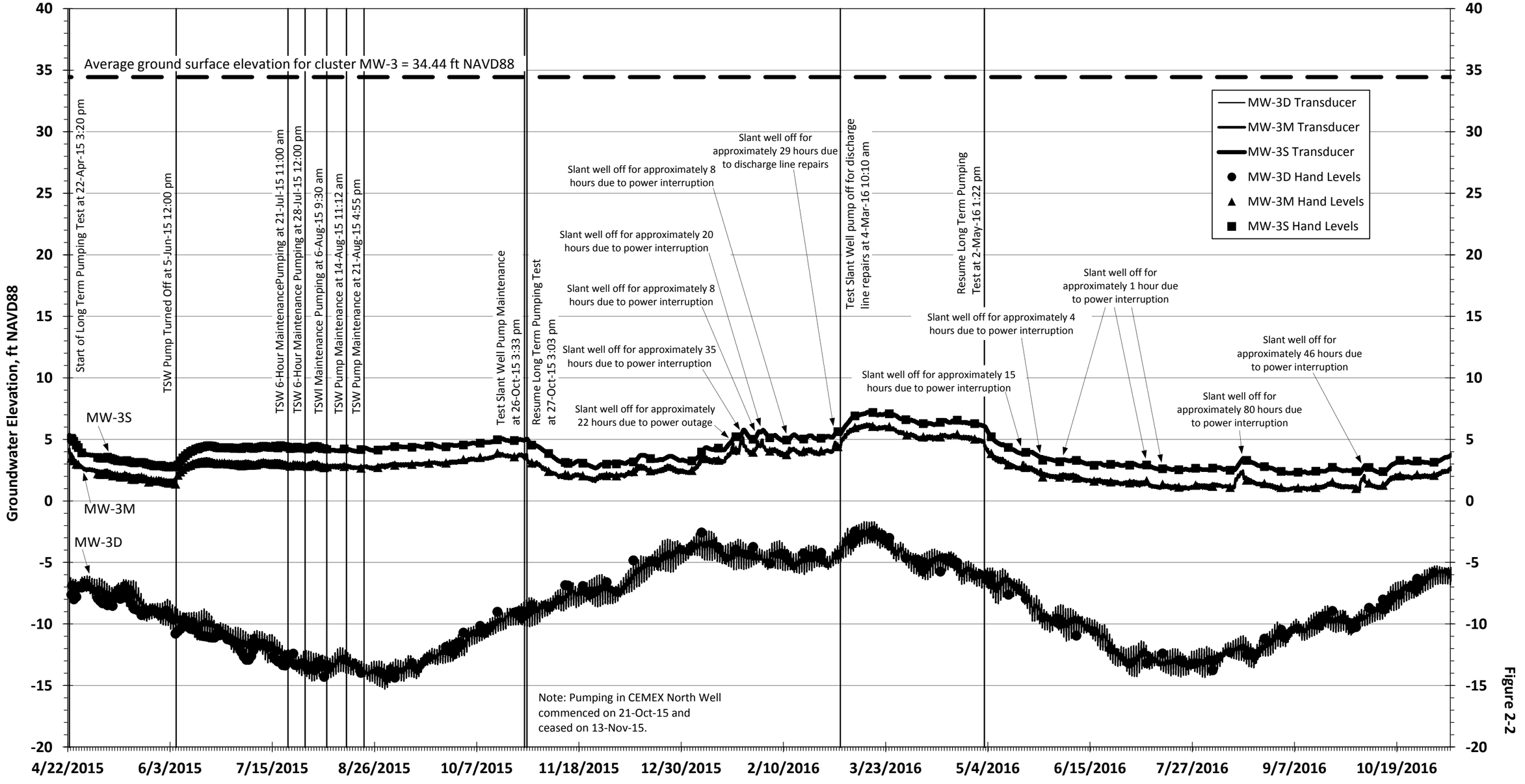

Figure 2-2

Groundwater Elevation in MPWSP MW-4

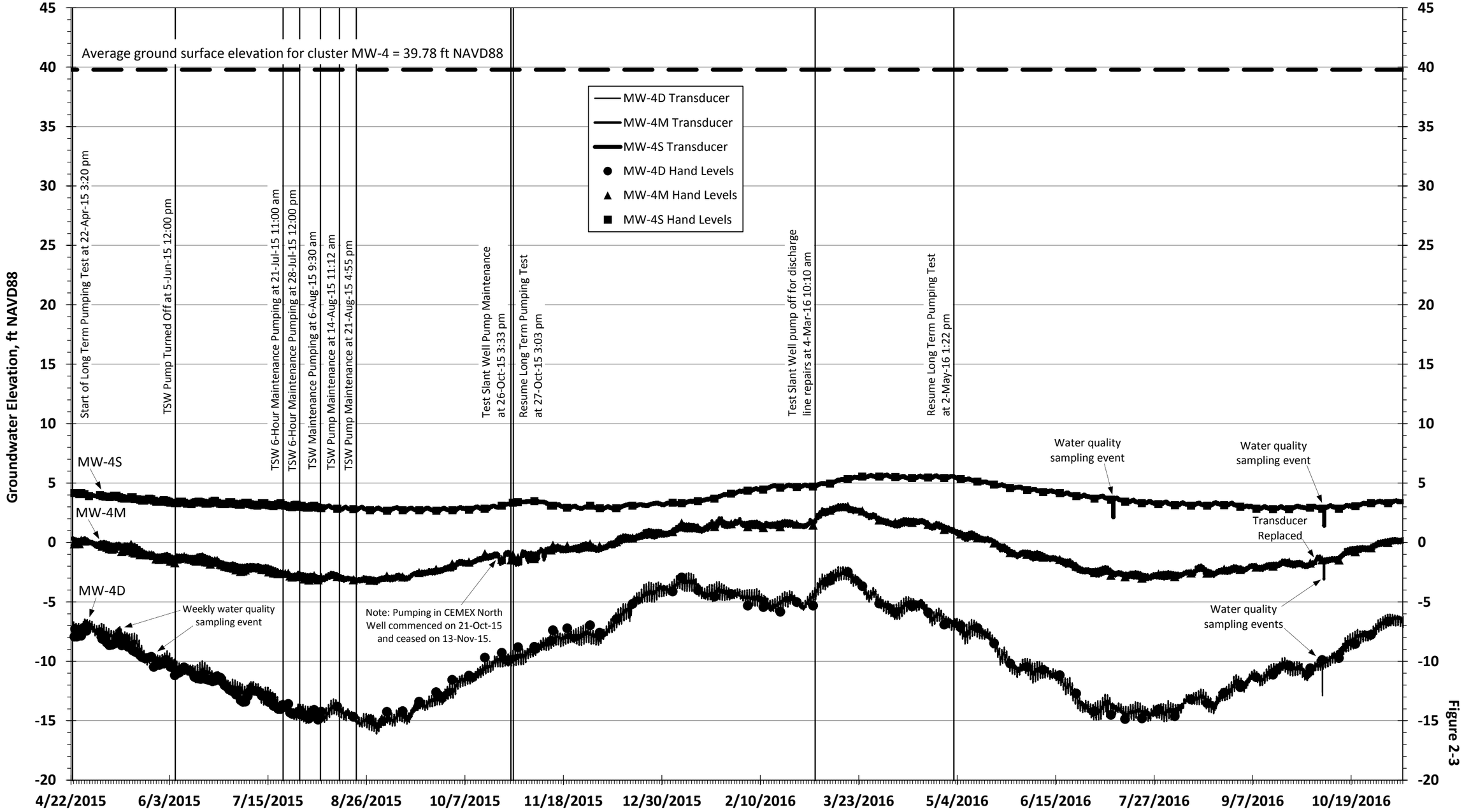

Figure 2-3

Groundwater Elevation in MPWSP MW-5

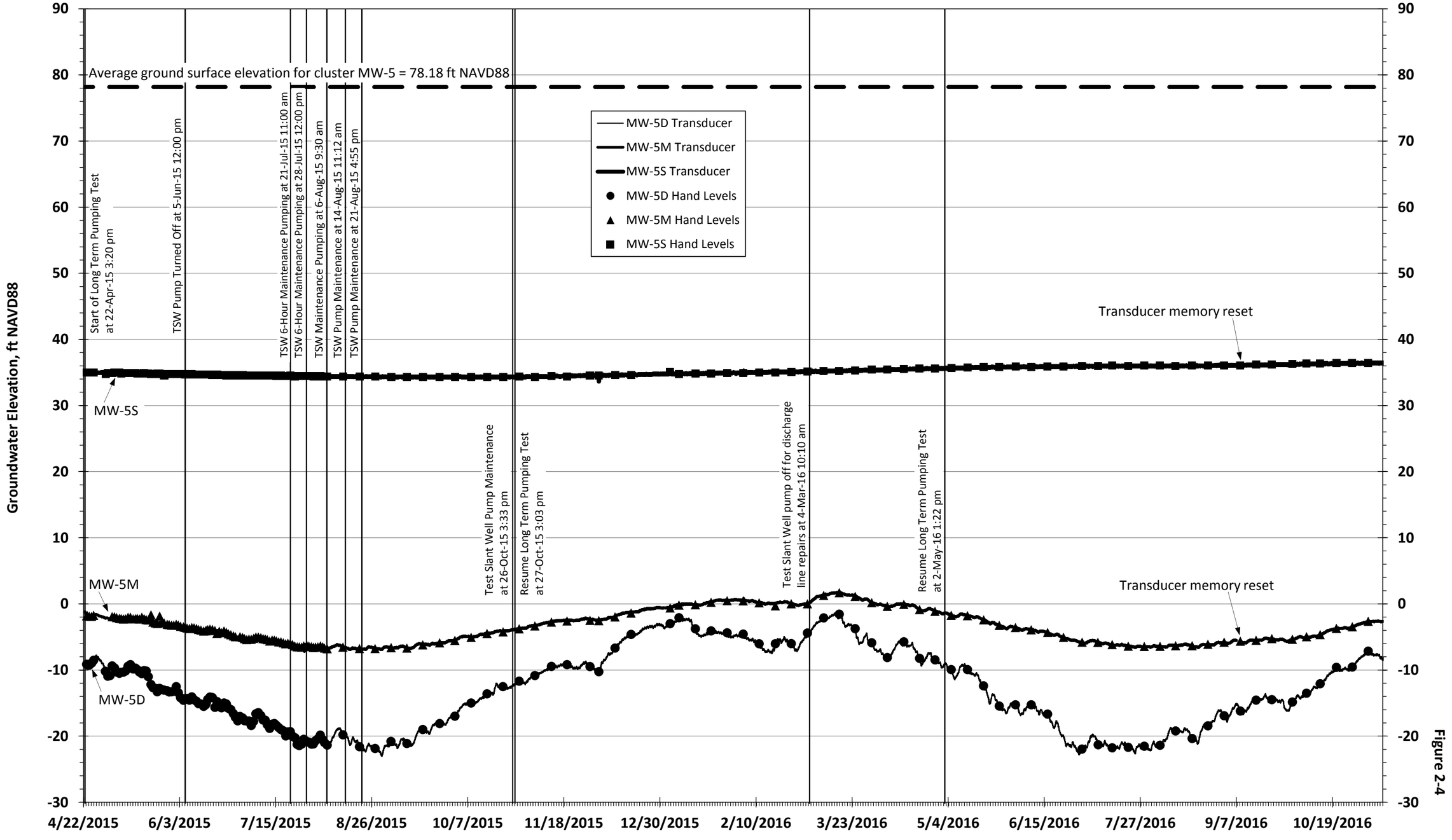

Figure 2-4

Groundwater Elevation in MPWSP MW-6

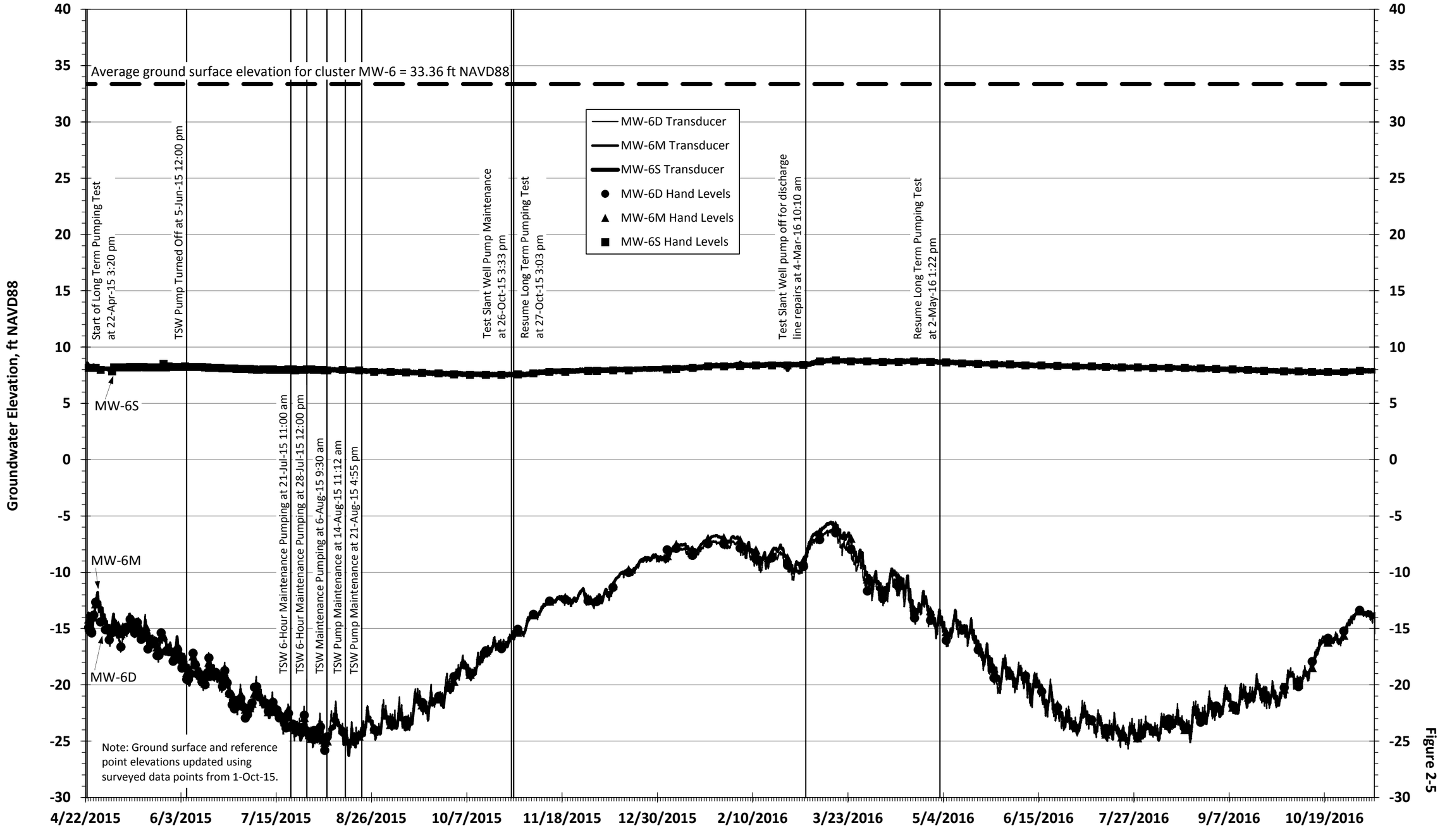

Figure 2-5

Groundwater Elevation in MPWSP MW-7

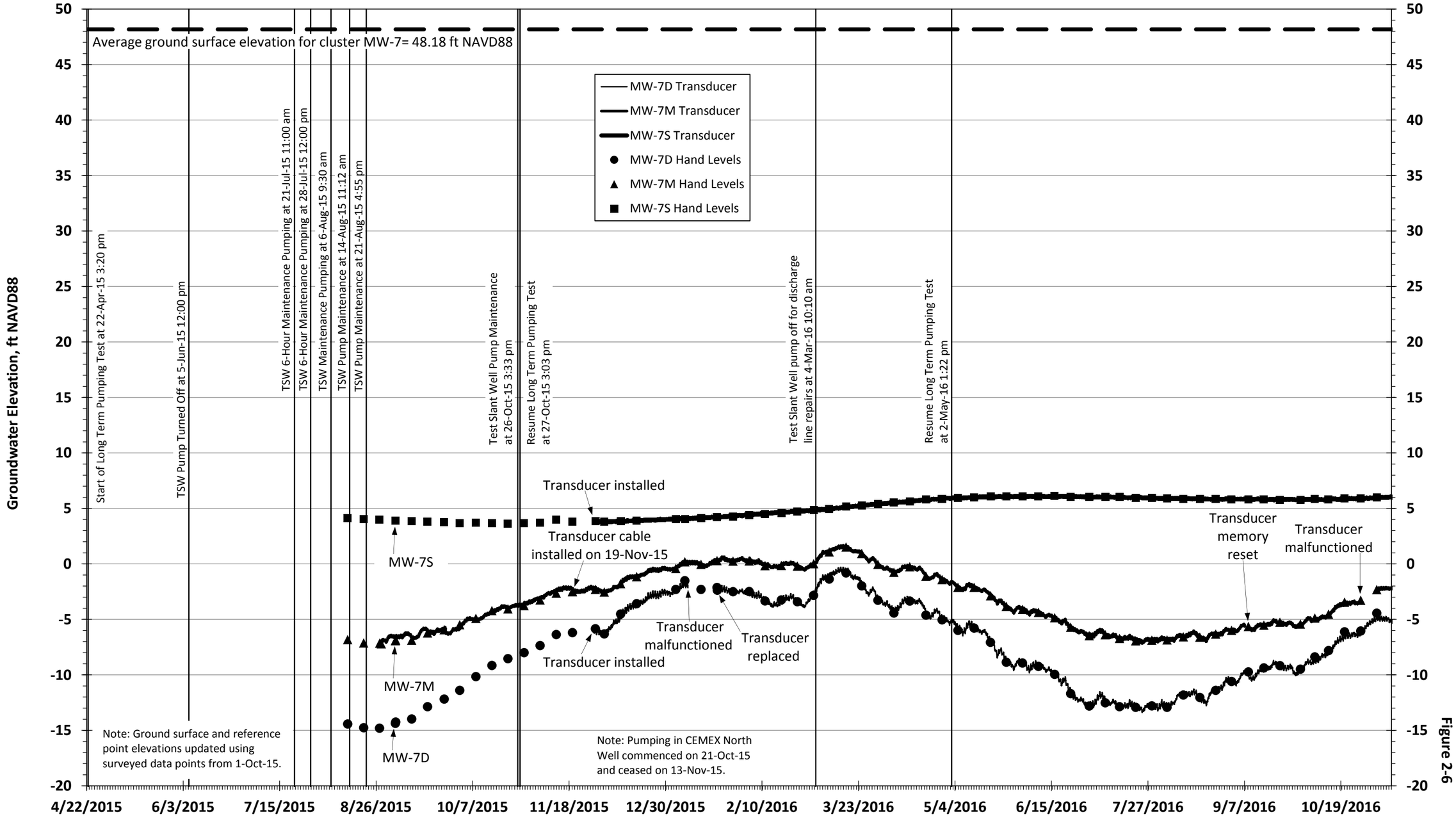

Figure 2-6

Groundwater Elevation in MPWSP MW-8

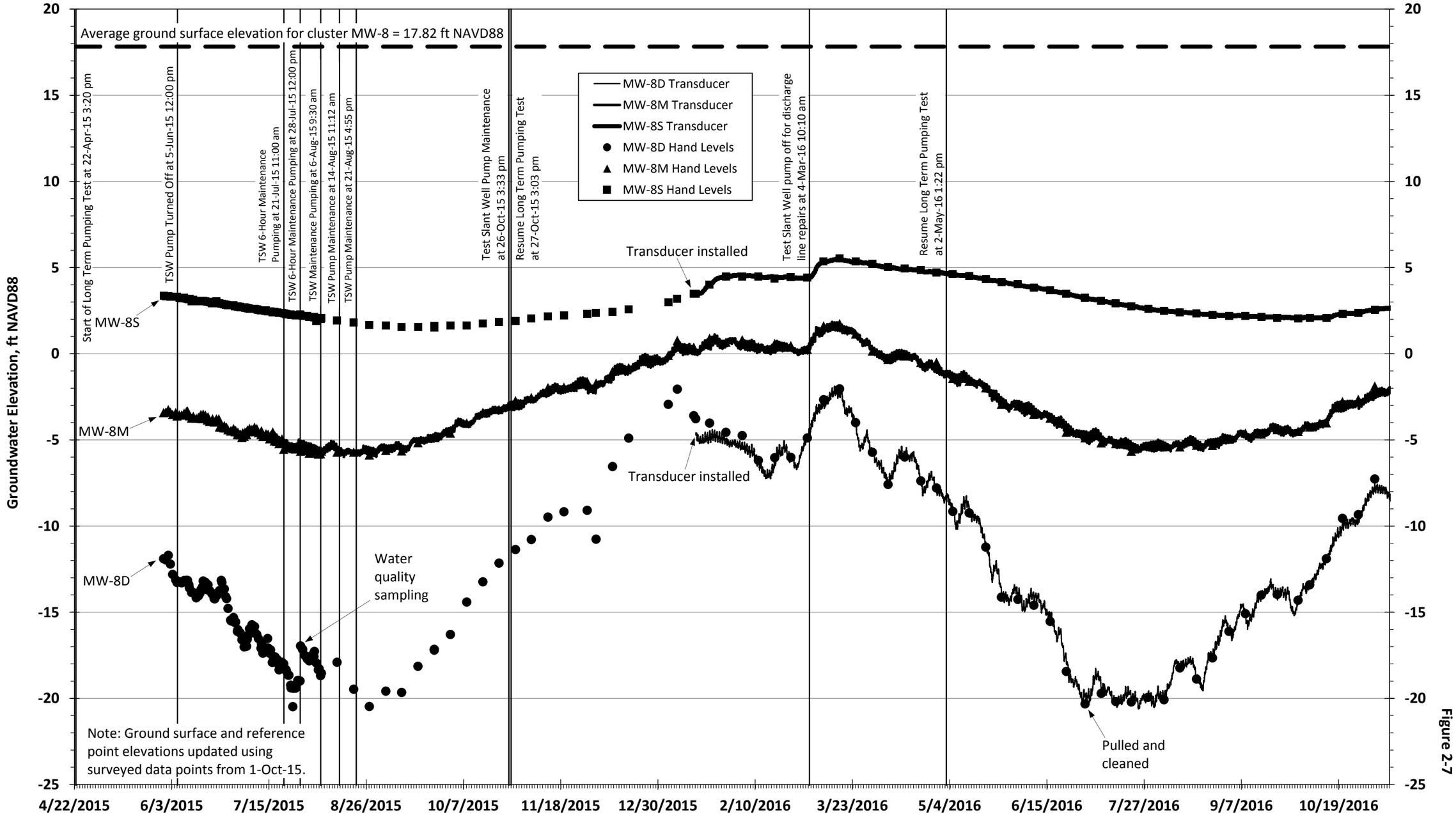

Figure 2-7

Groundwater Elevation in MPWSP MW-9

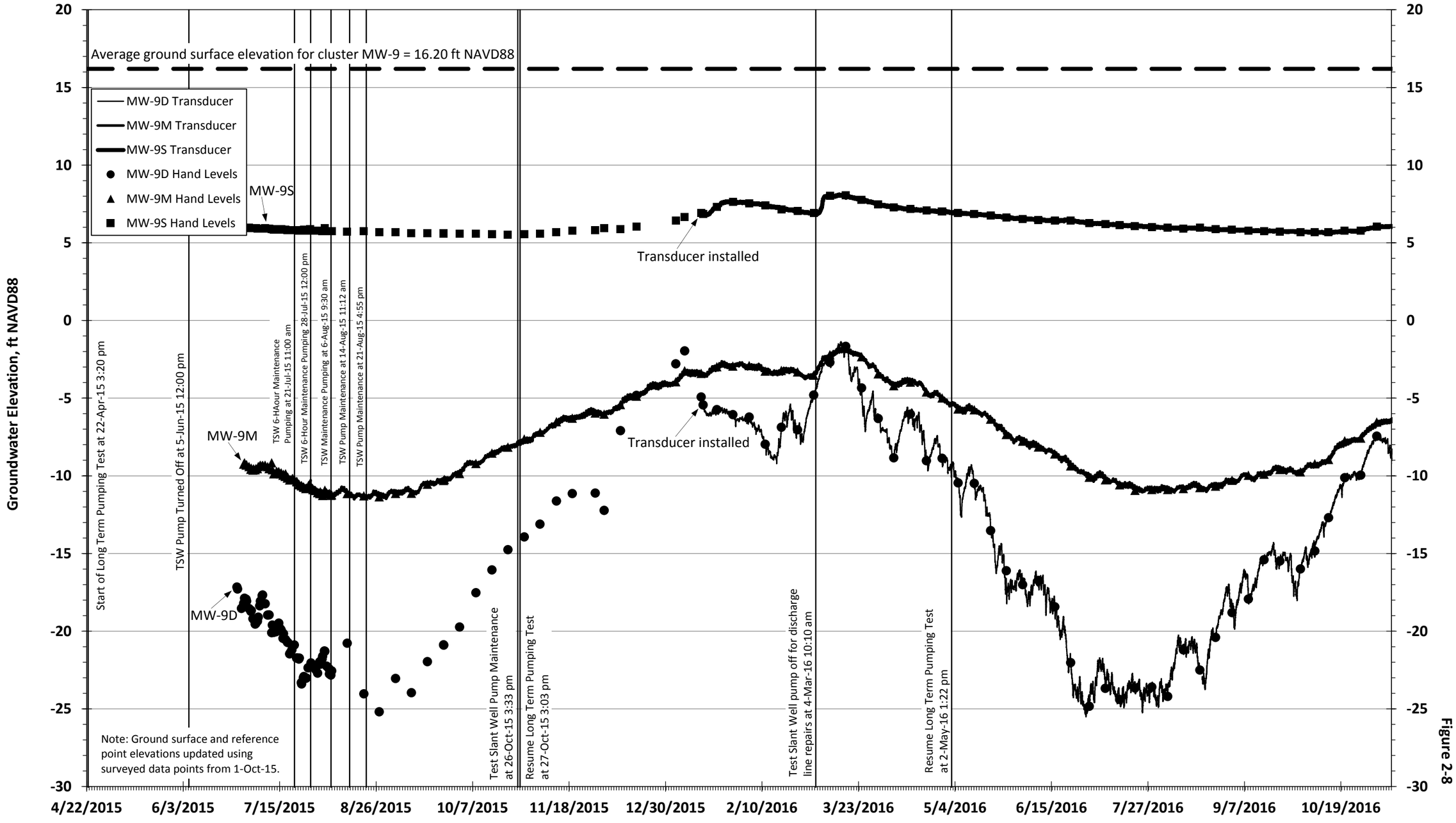

Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

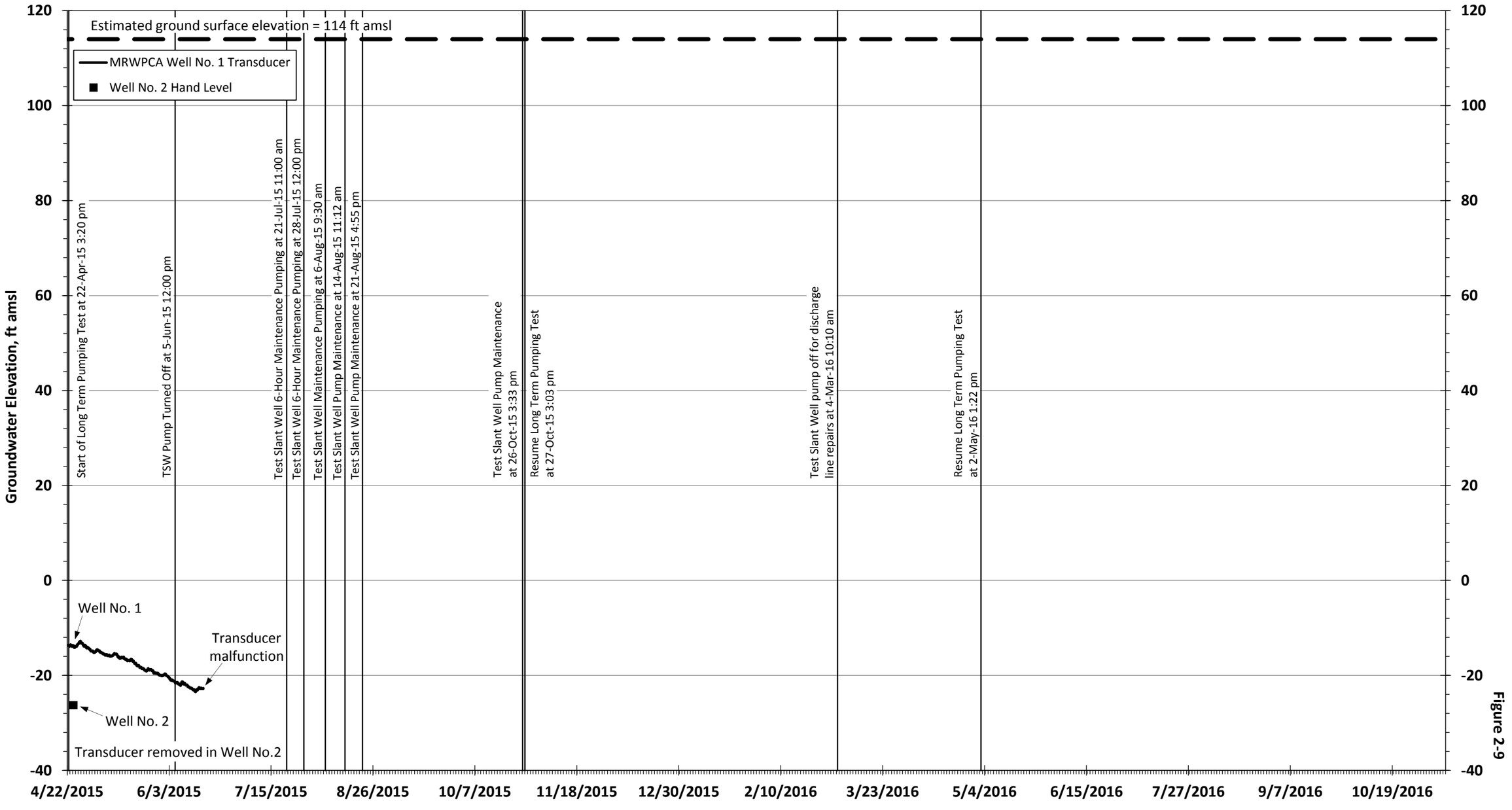

Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

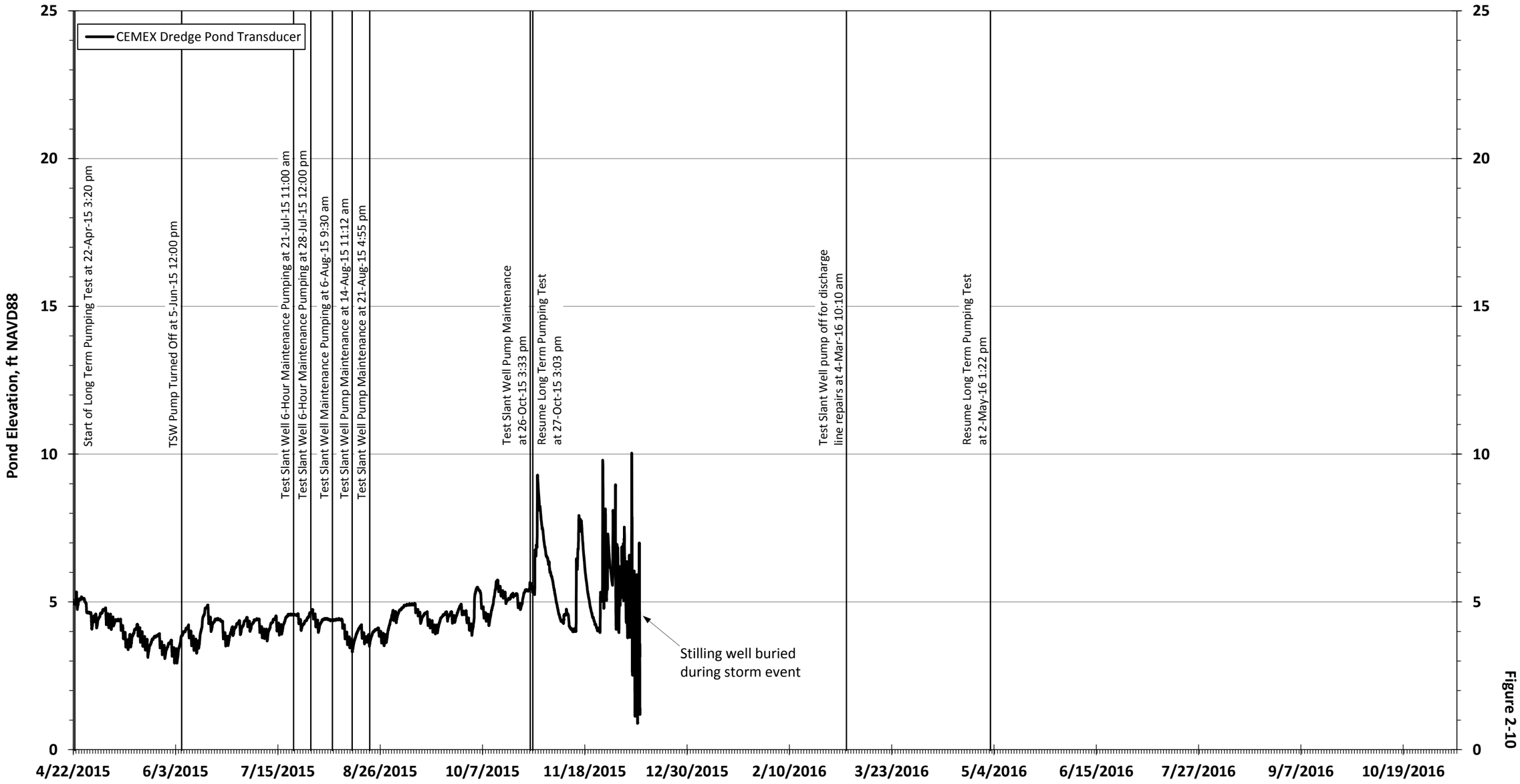

Figure 2-10

Groundwater Elevation in CEMEX North Well

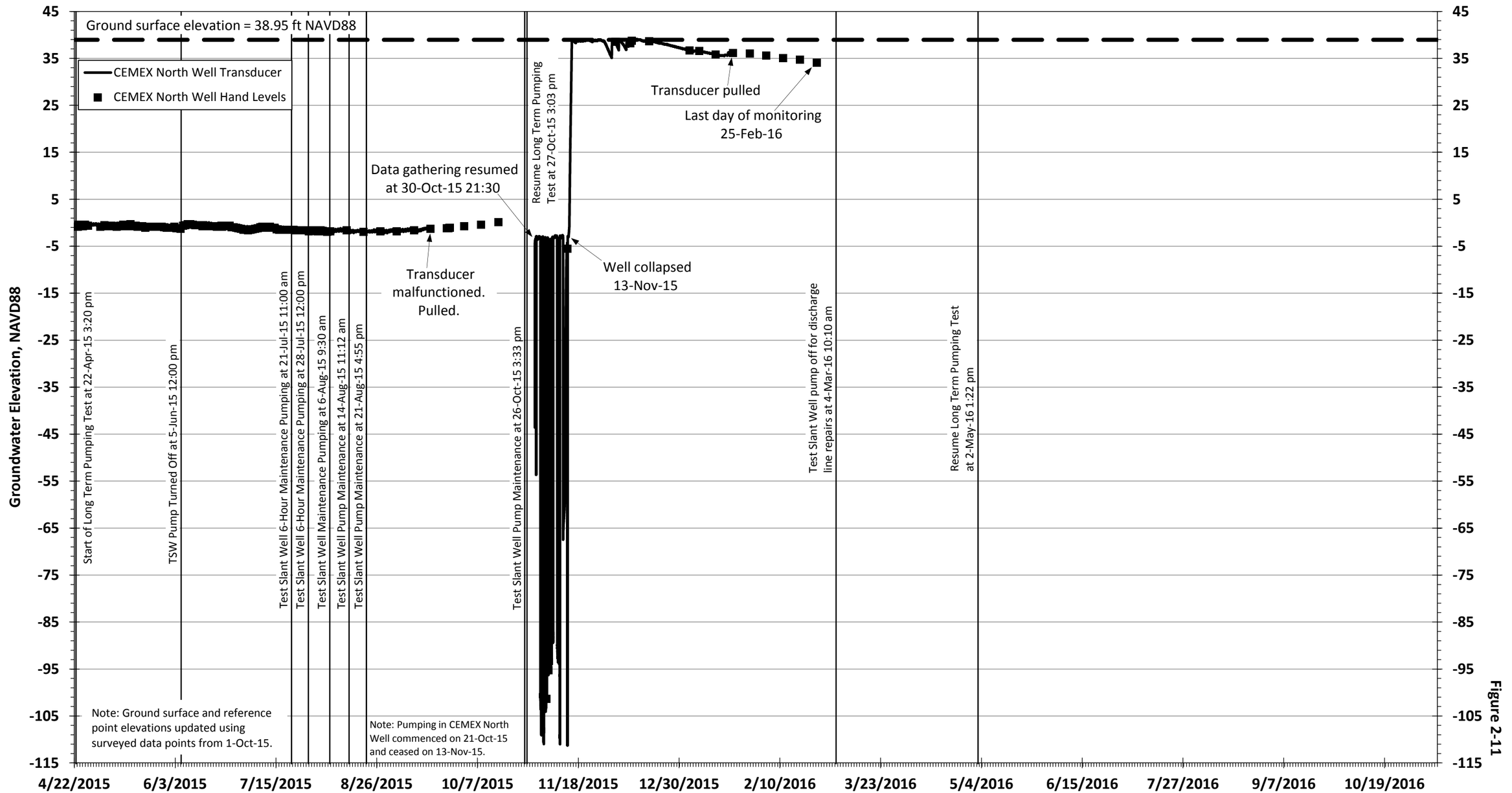

Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

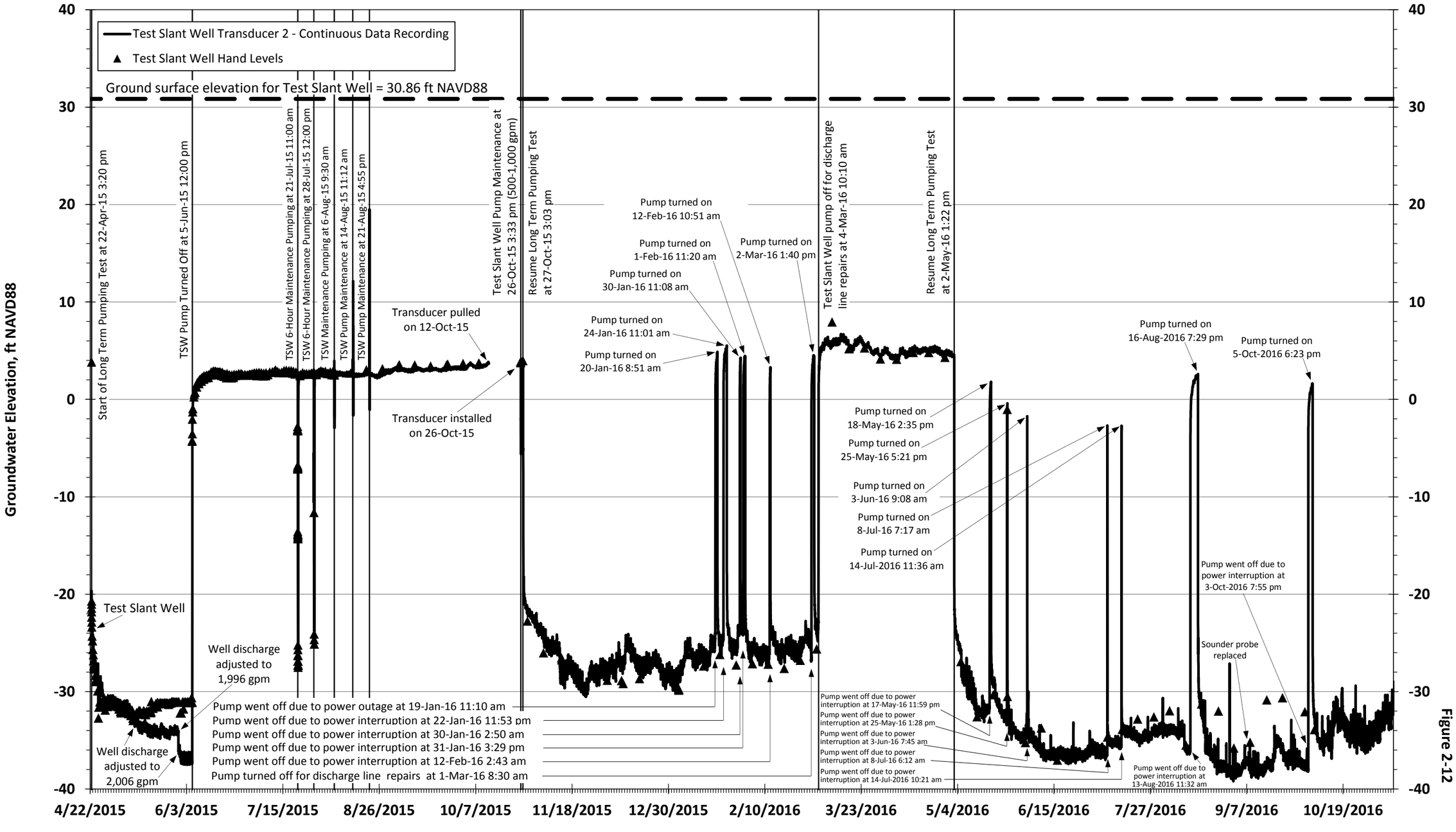

Figure 2-12

Specific Conductivity in MPWSP MW-1

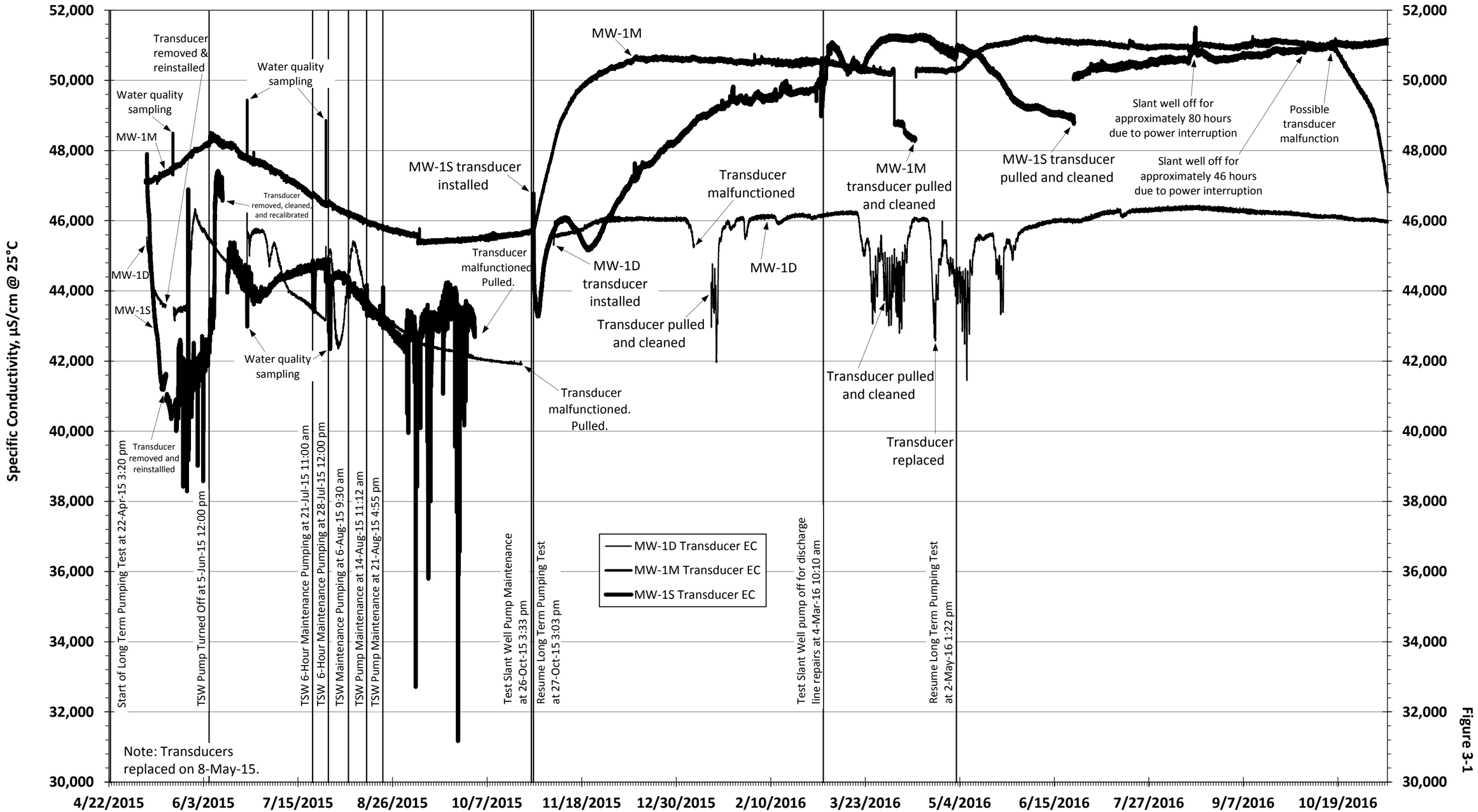

Figure 3-1

Specific Conductivity in MPWSP MW-3

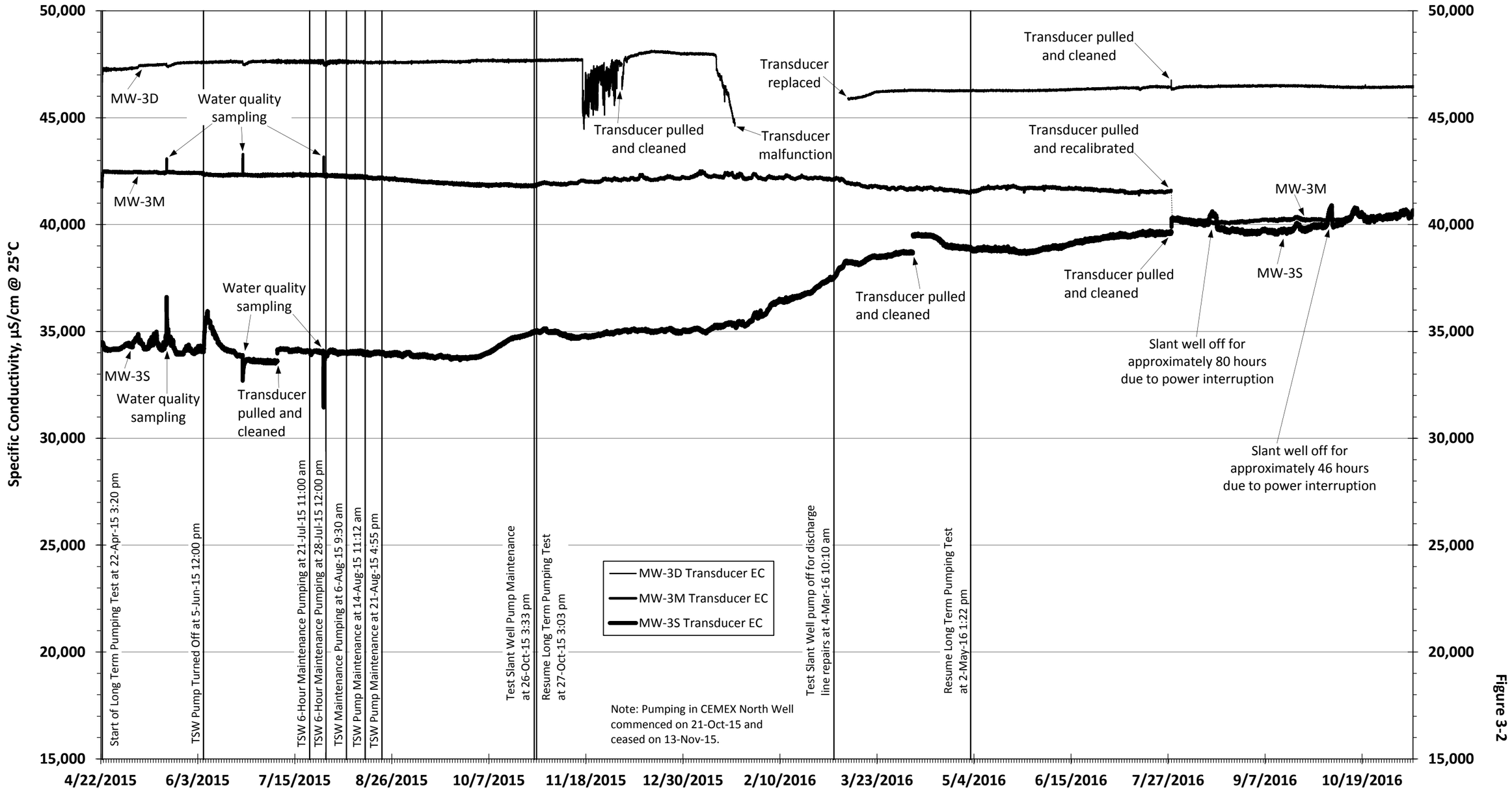

Figure 3-2

Specific Conductivity in MPWSP MW-4

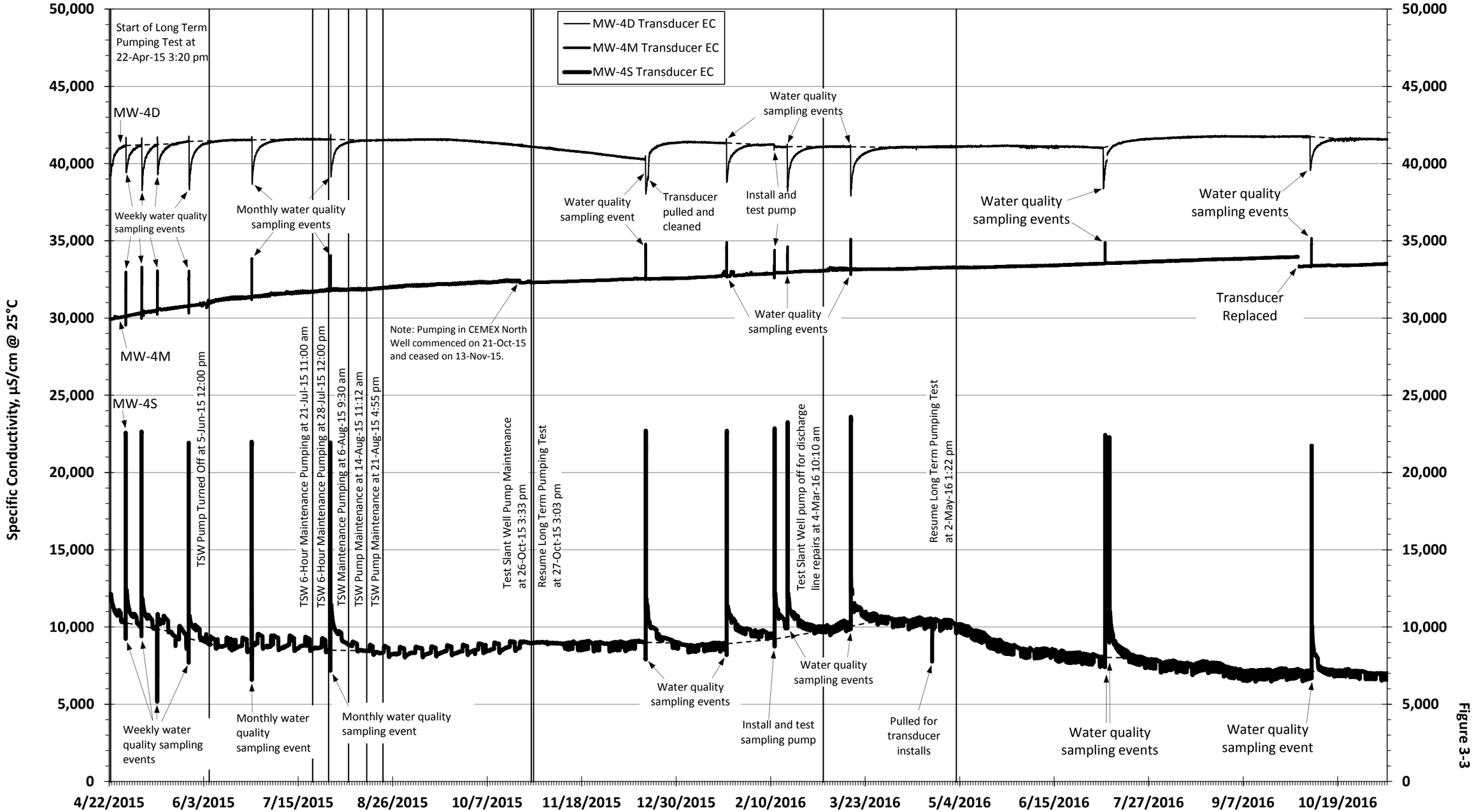

Figure 3-3

Specific Conductivity in MPWSP MW-5

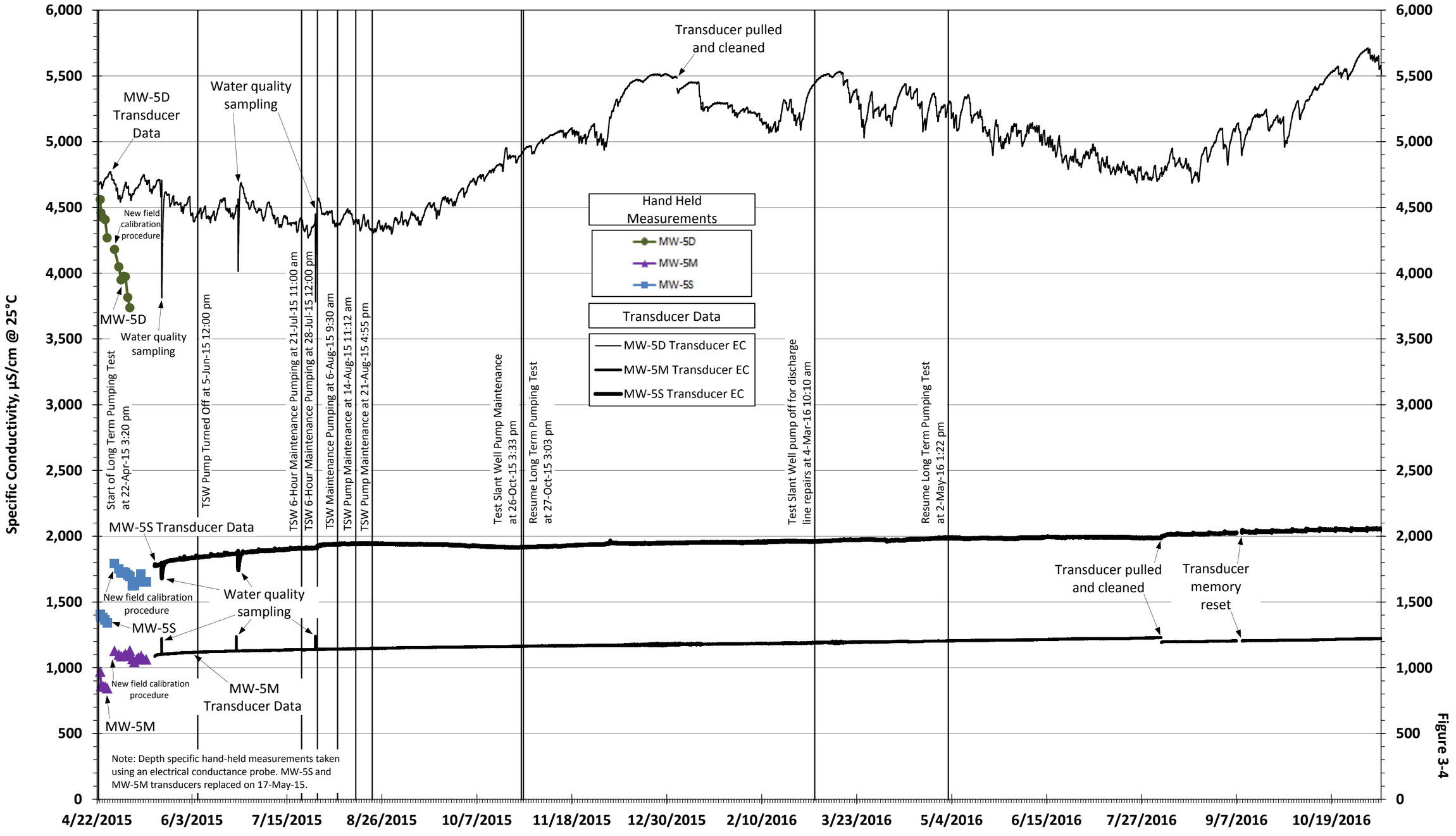

Figure 3-4

Specific Conductivity in MPWSP MW-6

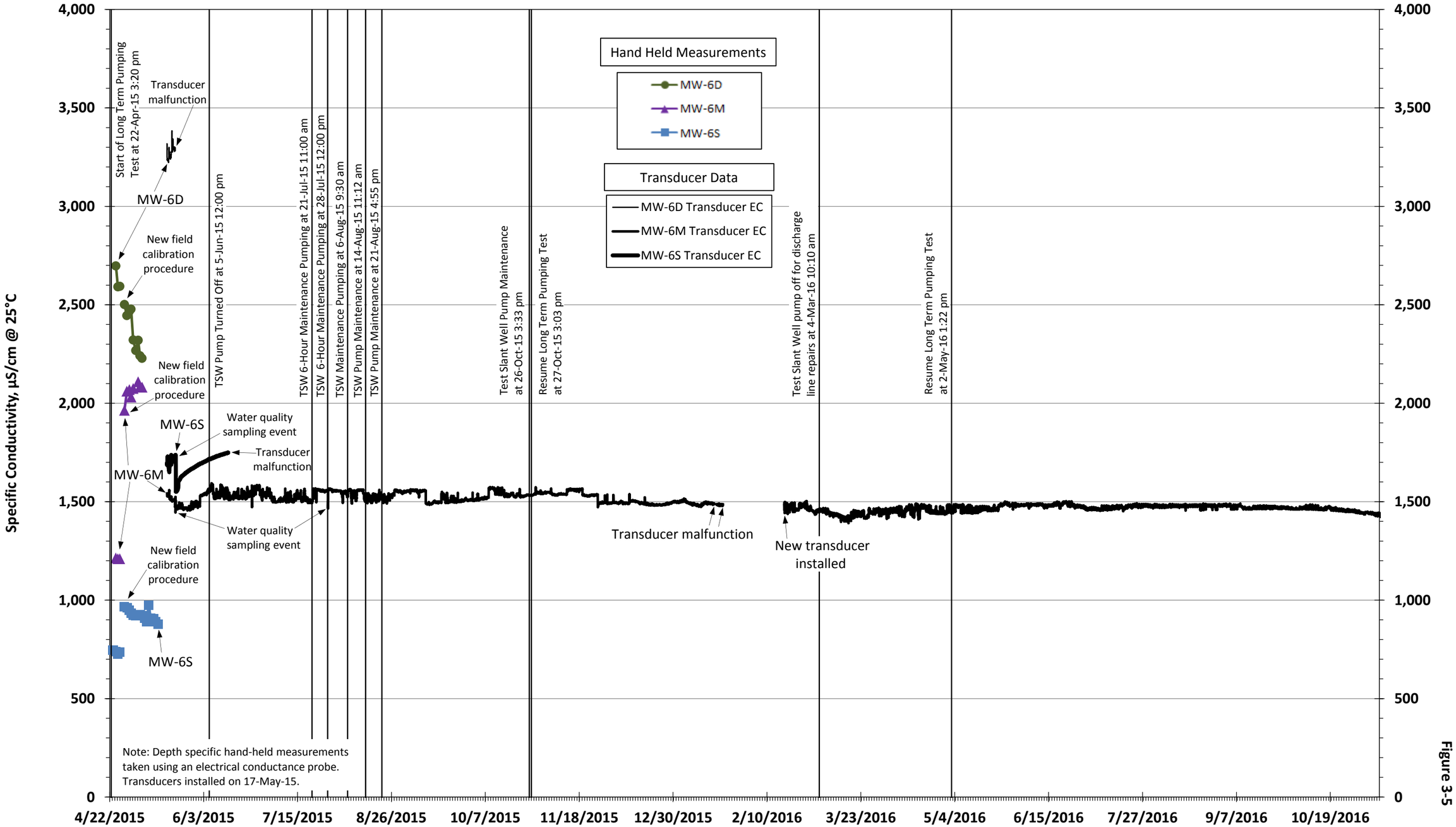

Figure 3-5

Specific Conductivity in MPWSP MW-7

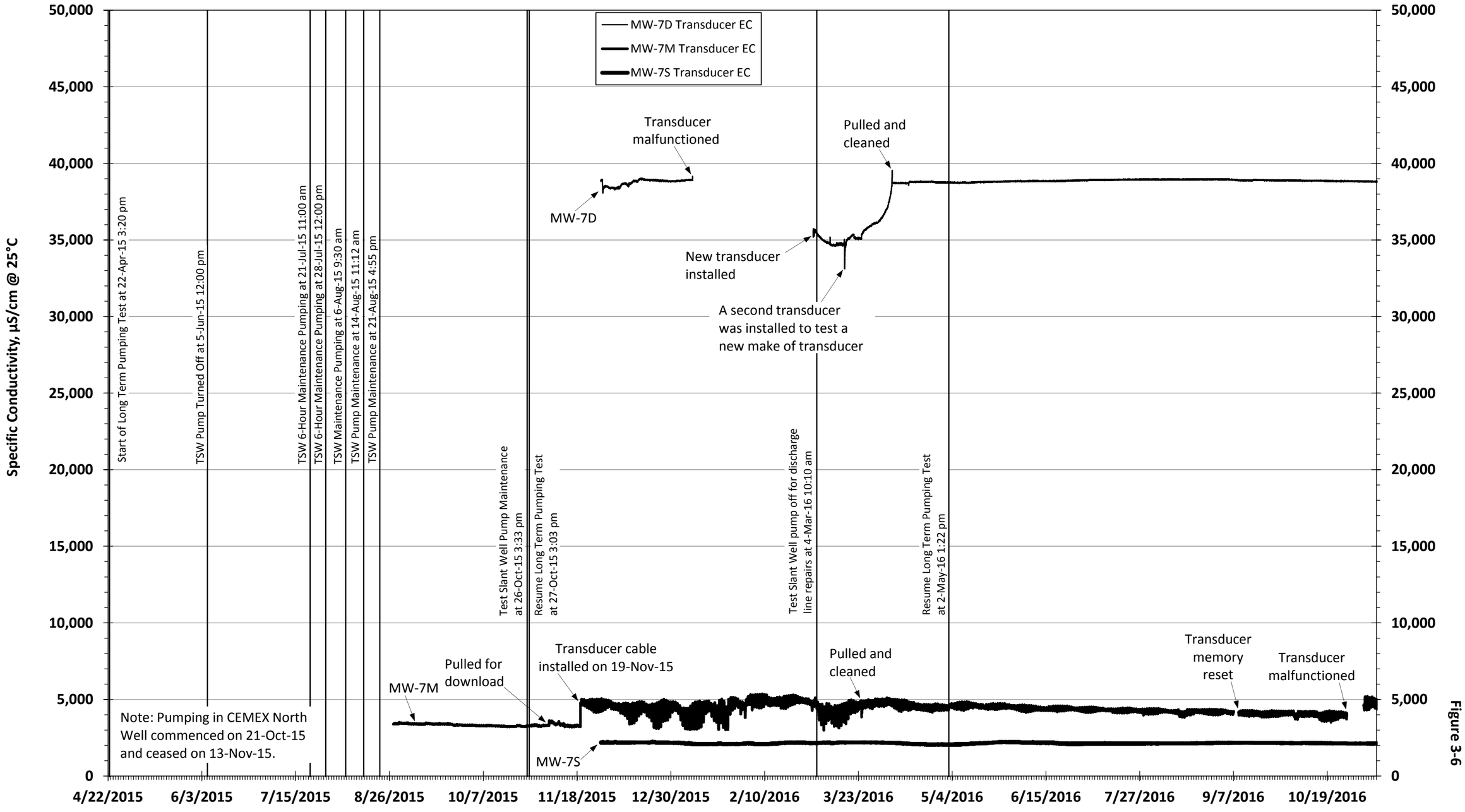

Figure 3-6

Specific Conductivity in MPWSP MW-8

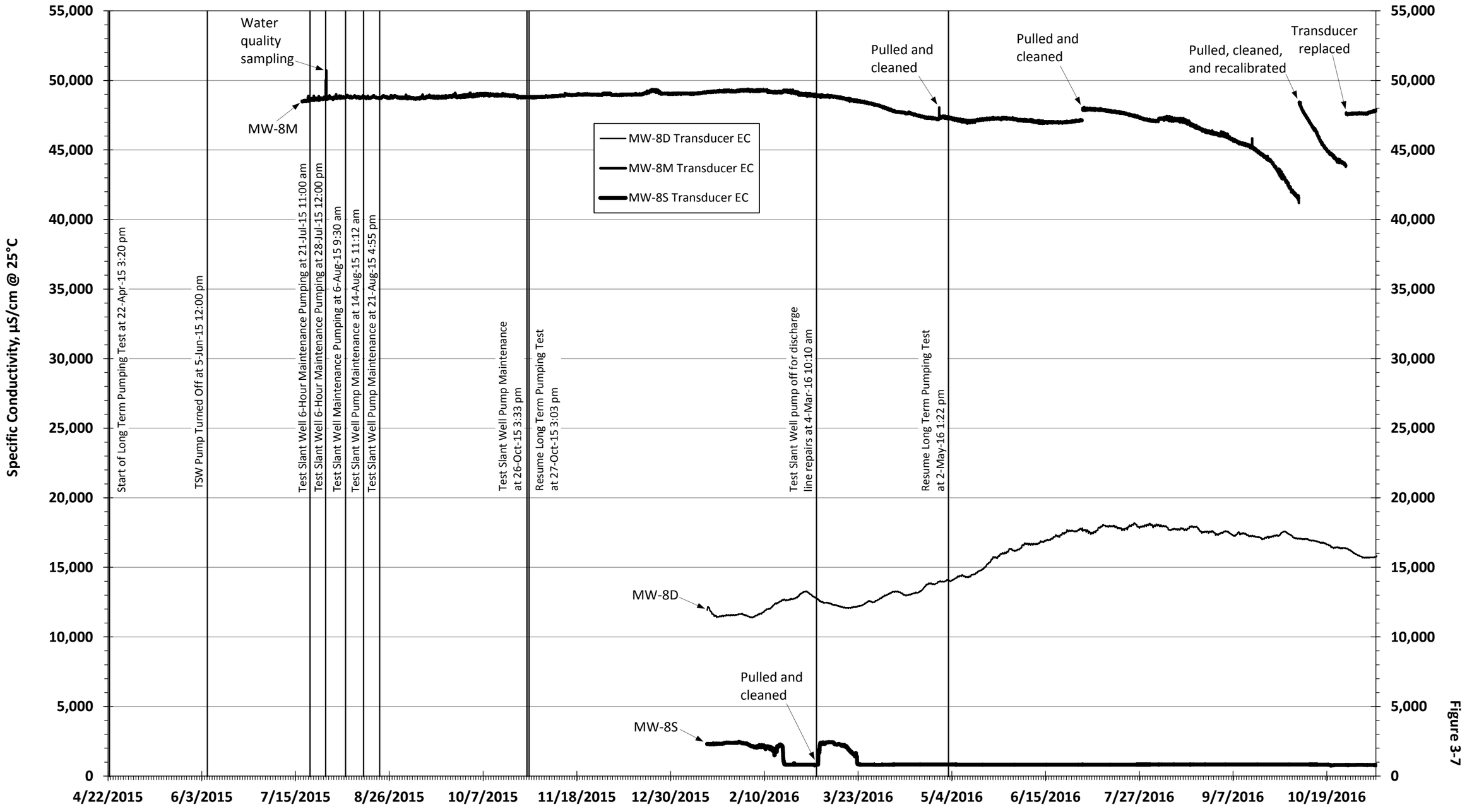

Figure 3-7

Specific Conductivity in MPWSP MW-9

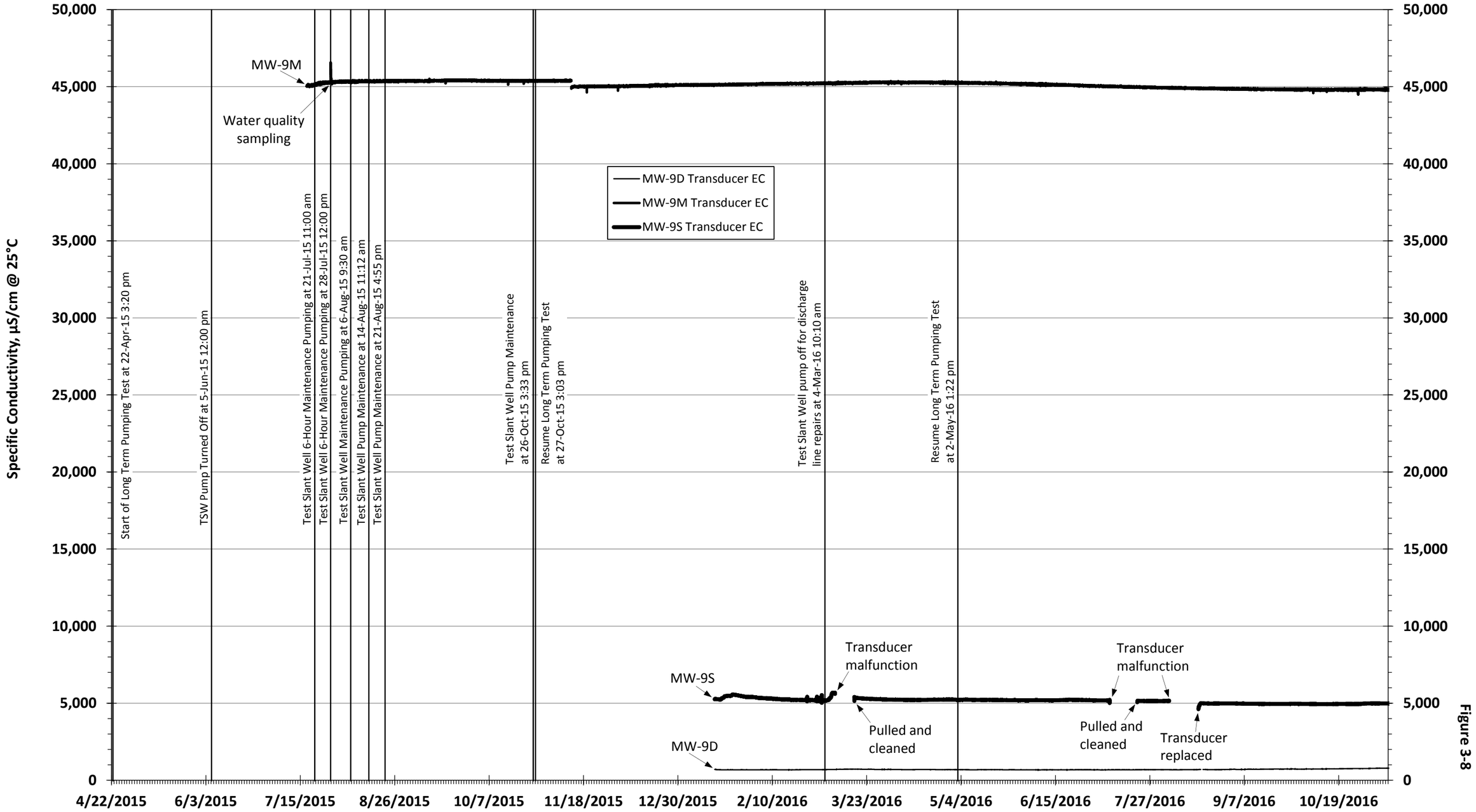

Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

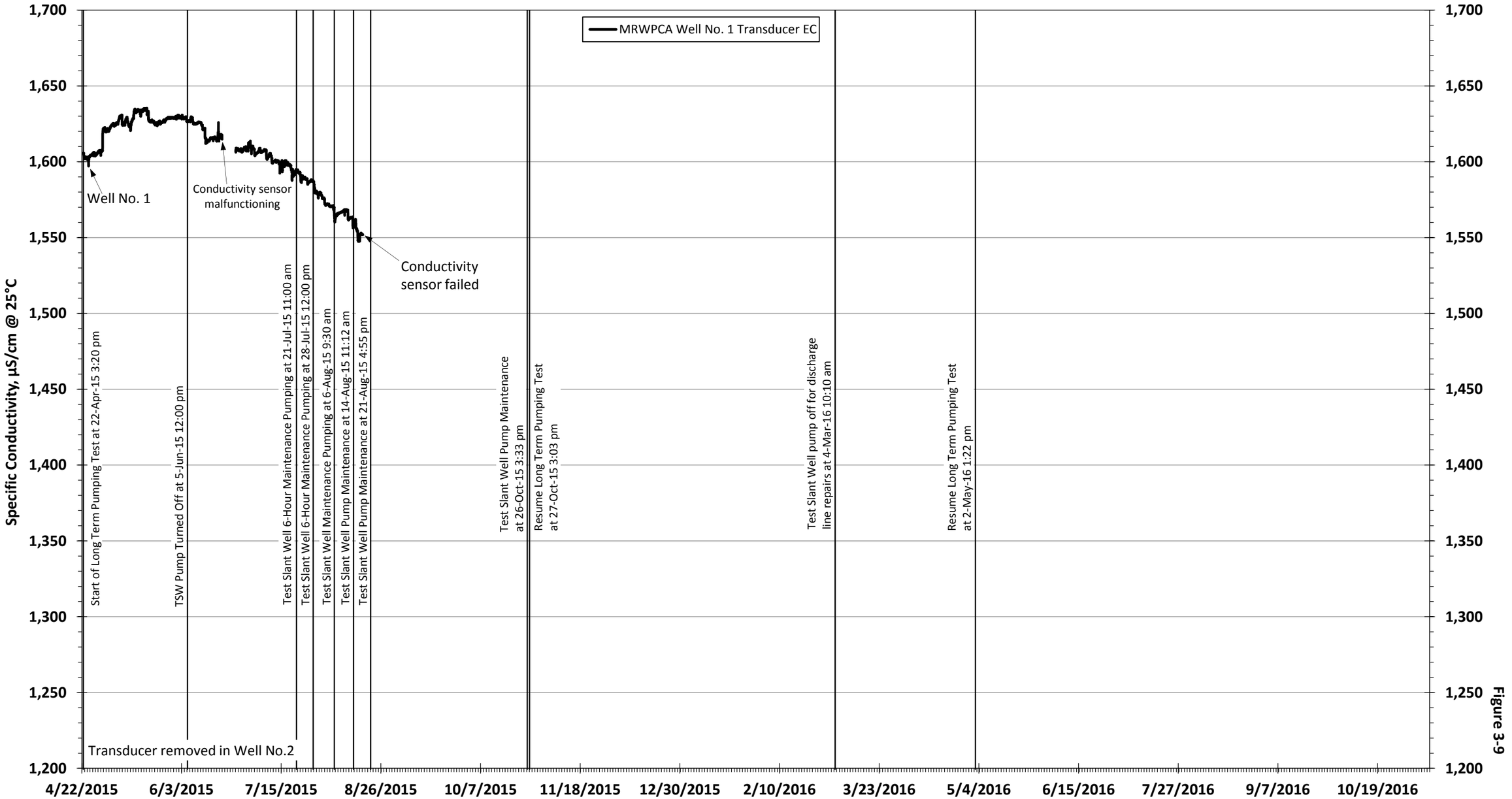

Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

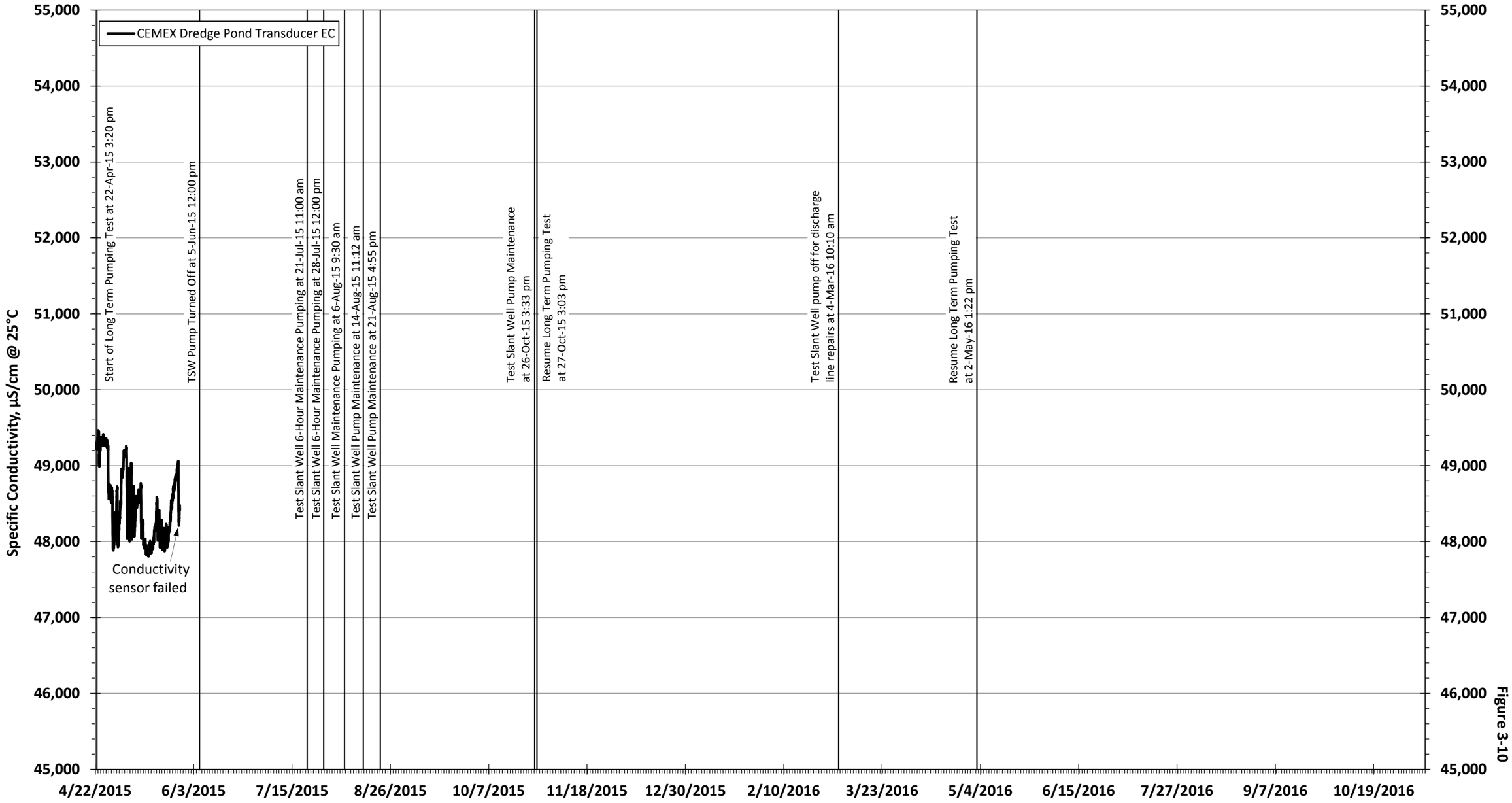

Figure 3-10

Specific Conductivity in CEMEX North Well

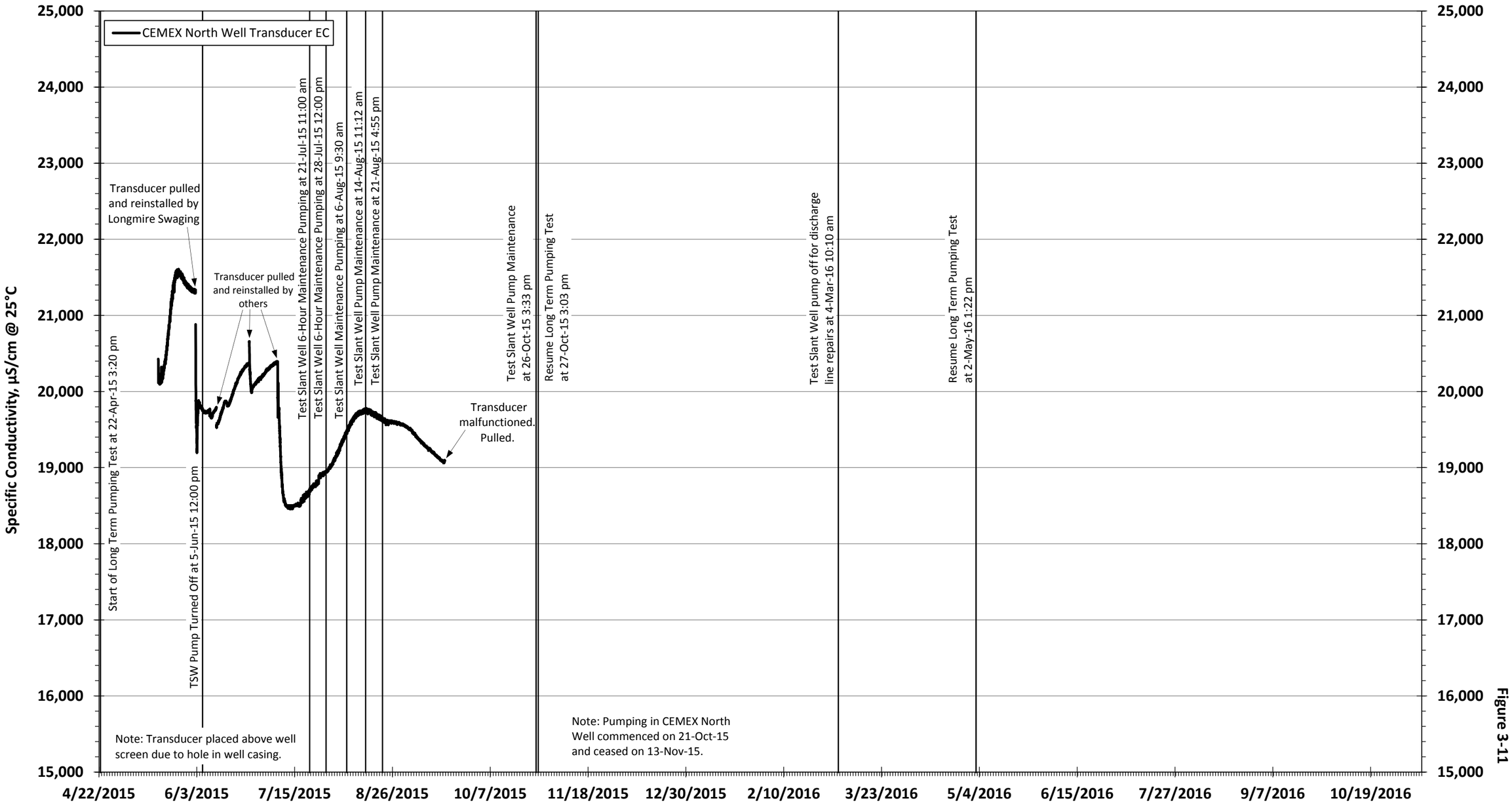

Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

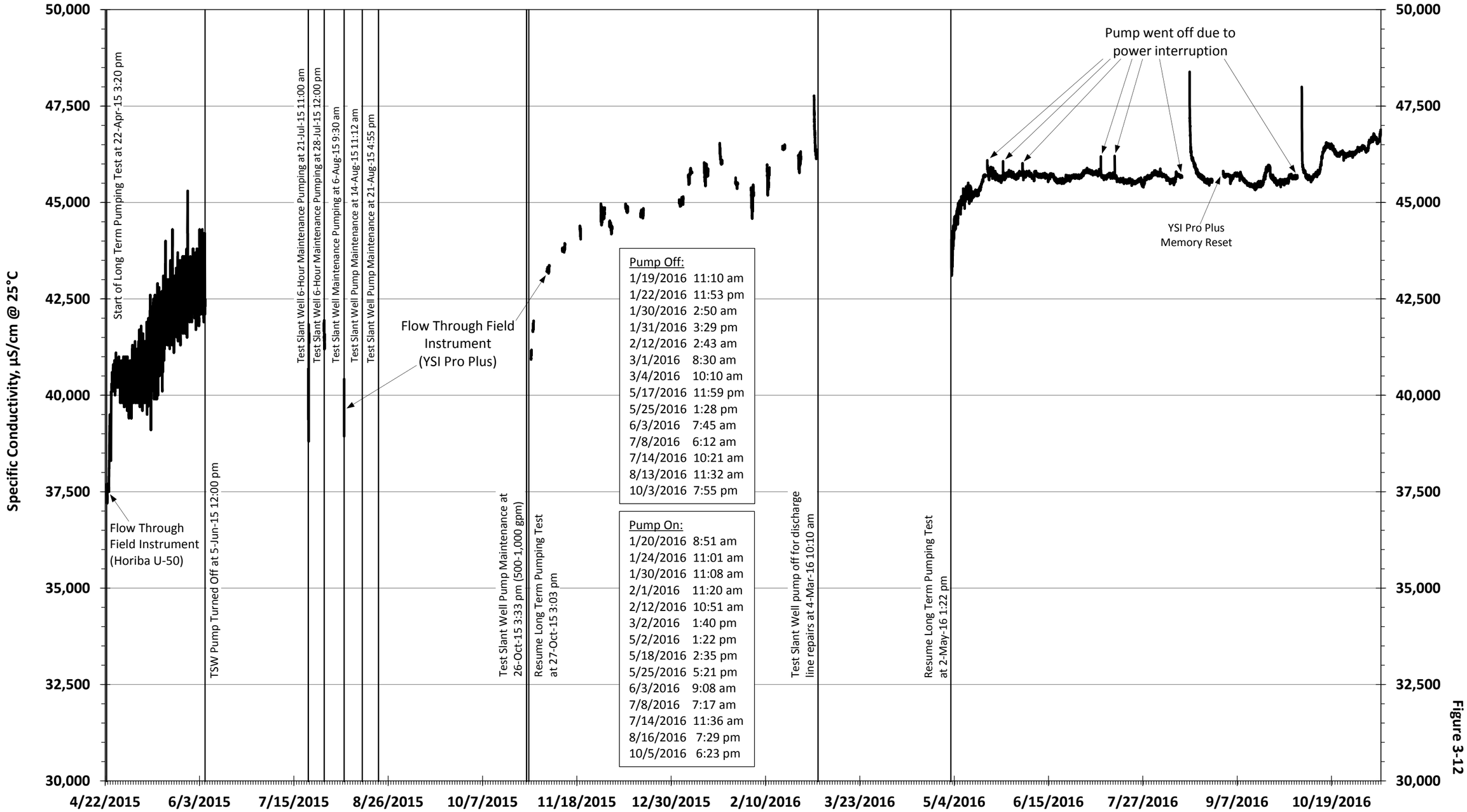

Figure 3-12

TABLES

GEOSCIENCE

Table 1: Well Information Table

			State Plane Coordinates										
Well Name	Cluster	Reference Point (RP)	Northing	Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 [1]	2.65 [1]	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 [1]	2.65 [1]	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S	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[4]	CEMEX	Ground Surface	2,154,213.90	5,740,998.57	31 ft amsl (GS)	0	1,518	400	506	-	-	-	-

Horizontal Datum: NAD83 State Plane Zone 4
Vertical Datum: NAVD88
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)
** Top of 18 in. screen = 140 ft x Sin(19) = 46 ft TVD, Bottom of 14 in. screen = 710 x Sin(19) = 231 ft TVD

[1] RP/elevation change on May 17, 2015 - New caps
[2] RP/elevation change on July 17, 2015 - New caps
[3] RP/elevation change on September 24, 2015 - New caps
[4] Estimated - not surveyed.

MD: Measured Depth - lineal feet along the angle of the slant well
GS: Ground Surface - approximate ground surface elevation based on Google Earth

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

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

Notes:

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

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

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

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

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

Notes:

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

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

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

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

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

Notes:

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

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

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

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

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

Notes:

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

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

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

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

		Sample Collection Date:	1-Sep-16	8-Sep-16	15-Sep-16	22-Sep-16	30-Sep-16	7-Oct-16	13-Oct-16	20-Oct-16
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	116	117	116	115	117	115	113	118
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	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	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.27	0.23	0.22	0.22	0.22	0.21	0.25	PENDING
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	142	143	142	140	143	140	138	144
Boron, Dissolved	EPA 200.7	mg/L	3.20	3.23	3.20	3.17	3.41	3.36	3.40	3.34
Bromide, Dissolved	EPA 300.0	mg/L	56.4	51.8	47.2	54.0	50	50.0	50.4	50.9
Calcium	EPA 200.7	mg/L	461	461	460	494	492	508	510	471
Calcium, Dissolved	EPA 200.7	mg/L	467	457	454	488	495	458	473	472
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,683	16,820	15,643	16,179	16,705	16,568	16,897	17,065
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	521.27	526.22	493.31	508.70	523.28	519.14	532.46	PENDING
Total Anions	Calculation	Meq/L	521.27	526.22	493.31	508.70	523.28	519.14	532.46	535.53
Dissolved Cations	Calculation	Meq/L	501.83	487.61	466.60	537.27	528.58	521.64	545.47	PENDING
Total Cations	Calculation	Meq/L	512.46	489.96	483.65	530.53	543.94	537.38	544.72	516.26
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	1.1	0.9	1.0	0.9	1.1	0.9	1.0
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,286	5,619	5,534	5,924	5,874	5,918	5,964	5,764
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	PENDING
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	166	156	153	132	138	124	141	149
Magnesium	EPA 200.7	mg/L	1,000	1,080	1,060	1,140	1,130	1,130	1,140	1,110
Magnesium, Dissolved	EPA 200.7	mg/L	968	1,060	1,040	1,060	1,130	1,090	1,120	1,110
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	5	4	4	5	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
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	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
pH (Field Test)	SM4500-H+B	pH	7.06	7.06	7.08	7.09	7.09	7.10	7.02	7.02
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.2	7.1	7.2	7.0	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
Potassium	EPA 200.7	mg/L	269	273	273	271	283	286	285	328
Potassium, Dissolved	EPA 200.7	mg/L	271.0	272	269	278	282	276	286	321
QC Ratio TDS/SEC	Calculation	-	0.69	0.66	0.67	0.66	0.68	0.69	0.67	0.66
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
Silica as SiO2, Dissolved	EPA 200.7	mg/L	12	12	13	12	13	11	14	12
Sodium	EPA 200.7	mg/L	9,202	8,531	8,425	9,567	9,636	9,467	9,613	9,035
Sodium, Dissolved	EPA 200.7	mg/L	9,010	8,520	8,080	9,680	9,280	9,240	9,710	PENDING
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,450	45,260	45,250	45,680	45,380	45,420	45,610	46,000
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,669	45,720	45,362	45,682	45,648	45,682	45,775	46,308
Strontium, Dissolved	EPA 200.8	µg/L	7,458	7,875	7,415	7,158	7,293	7,430	7,259	7,542
Sulfate, Dissolved	EPA 300.0	mg/L	2,285	2,337	2,355	2,365	2,353	2,342	2,537	2,452
Temperature (Field)	SM2550	° C	16.1	16.2	16.1	16.1	16.1	16.4	16.3	16.2
Total Diss. Solids	SM2540C	mg/L	31,200	30,000	30,200	30,300	30,800	31,400	30,500	30,500
Turbidity	EPA 180.1	NTU	0.25	0.15	0.25	0.20	0.15	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
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-

Notes:

°C = Degrees Celsius
CU = Color Units
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APPENDICES

GEOSCIENCE

APPENDIX A-1

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

8-Dec-14

GEOSCIENCE

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

CALIFORNIA COASTAL COMMISSION

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

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

Acknowledgment:

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

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

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

12/8/14
Date

Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

1. **Notice of Receipt and Acknowledgment**. The permit is not valid and development shall not commence until a copy of the permit, signed by the Permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.

2. **Expiration**. If development has not commenced, the permit will expire two years from the date on which the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.

3. **Interpretation**. Any questions of intent of interpretation of any condition will be resolved by the Executive Director or the Commission.

4. **Assignment**. The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.

5. **Terms and Conditions Run with the Land**. These terms and conditions shall be perpetual, and it is the intention of the Commission and the Permittee to bind all future owners and possessors of the subject property to the terms and conditions.

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

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

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

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

(b) In the event that a spill or accidental discharge of fuel or hazardous materials occurs during project construction or operations, all non-essential project construction and/or operation shall cease and the Permittee shall implement spill response measures of the approved Plan, including notification of Commission staff. Project construction and/or operation shall not start again until authorized by Commission staff.

(c) If project construction or operations result in a spill or accidental discharge that causes adverse effects to coastal water quality, ESHA, or other coastal resources, the Permittee shall submit an application to amend this permit, unless the Executive Director determines no amendment is required. The application shall identify proposed measures to prevent future spills or releases and shall include a proposed restoration plan for any coastal resources adversely affected by the spill or release.

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

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

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

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

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

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

9. **Geology/Hazards.** The project shall be designed to meet or exceed all applicable requirements of the California Building Code. Project design and construction shall meet or exceed all applicable feasible conclusions and recommendations in the *Geotechnical Investigation for the California American Water Temporary Slant Test Well Project, Marina, Monterey County*, California, dated April 3, 2014 (GeoSoils 2014). Project components shall be sited to avoid areas identified in the coastal erosion memorandum prepared by ESA-PWA (March 2014) as subject to coastal erosion during the duration of the project.

10. **Visual Resources.** PRIOR TO PERMIT ISSUANCE, the Permittee shall submit for Executive Director review and approval a Lighting Plan prepared by a qualified engineer that includes the following:
    a. Identifies all lighting and associated infrastructure proposed for use during the test well project, such as towers, poles, electrical lines, etc. The Lighting Plan shall identify the locations, heights, dimensions, and intensity of the lighting and associated lighting infrastructure.
    b. Evaluates the effects of project lighting and associated infrastructure on wildlife in the project area and describes proposed measures to avoid or minimize any adverse effects. These measures may include shielding project lighting from off-site locations, directing lighting downward, using the minimum amount of lighting necessary to ensure project safety, and other similar measures.
    c. Affirms that all lighting structures and fixtures installed for use during the project and visible from public areas, including shoreline areas of Monterey Bay, will be painted or finished in neutral tones that minimize their visibility from those public areas.

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

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

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

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

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

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

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

All delineated areas of temporary fencing shall be shown on grading plans and shall remain in place and functional throughout the duration of construction and decommissioning activities.

c. The approved biologist(s) shall conduct surveys for Monterey spineflower and buckwheat (host plant for Smith's blue butterfly) within all project disturbance areas and within 20 feet of project boundaries during the blooming period for the spineflower (April-June) to identify and record the most current known locations of these species in the project vicinity. Surveys shall be conducted by a qualified botanist, and shall include collection of Global Positioning System (GPS) data points for use during flagging of sensitive plant species locations and avoidance buffers prior to construction.

d. Starting no later than February 1 of each year of project construction, operation, and decommissioning, the approved biologist(s) shall conduct breeding and nesting surveys of sensitive avian species within 500 feet of the project footprint. The approved biologist(s) shall continue those surveys at least once per week during periods of project construction, well re-packing, and decommissioning that occur between February 1 and October 1 each year.

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

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

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

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

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

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

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

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

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

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

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

APPENDIX A-2

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

13-Oct-15

GEOSCIENCE

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

October 13, 2015
Permit No. **A-3-MRA-14-0050-A1**

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

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

Acknowledgment:

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

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

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

10/13/15
Date

Signature of Permittee or Representative

SPECIAL CONDITIONS

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

> "**Protection of Nearby Wells.** PRIOR TO STARTING PROJECT-RELATED PUMPING TESTS, the Permittee shall install monitoring devices at a minimum of four wells on the CEMEX site, within 2000 feet of the test well, and one or more offsite wells to record groundwater and salinity levels within the wells and shall provide to the Executive Director the baseline groundwater and Total Dissolved Solids ("TDS") levels in those wells prior to commencement of pumping from the test well.
>
> The Permittee, in coordination with the Hydrogeology Working Group, shall identify groundwater elevation trends and TDS level trends in the groundwater basin resulting from regional influences such as groundwater withdrawals, rainfall events, increases or decreases in streamflow contributions, and other influences. During the project pumping tests, the Permittee shall, at least once per day, monitor groundwater and TDS levels within the monitoring wells in person and/or with electronic logging devices. The Permittee shall post data collected from all monitoring wells on a publicly-available internet site at least once per week and shall provide all monitoring data to the Executive Director upon request.
>
> The Hydrogeology Working Group shall review data from the monitoring wells and prepare a monthly report that shall be submitted to the Executive Director that documents the groundwater elevation trends and TDS level trends resulting from regional influences. If during the pumping tests, data collected from Monitoring Well-4S ("MW4-S") or Monitoring Well-4M ("MW-4M") during any weekly monitoring period show either a decrease in groundwater levels that exceeds an identified decrease in regional groundwater level trends by 1.5 feet or more or show an increase in TDS levels that exceeds an identified increase in regional TDS level trends by two thousand parts per million or more, the Permittee shall immediately stop the pumping test and inform the Executive Director. The Hydrogeology Working Group shall examine the data from Monitoring Well 4 if the pumping test is stopped due to either of these causes.
>
> If, based on the above review of monitoring data, the Executive Director or the Hydrogeology Working Group determines that the pumping test caused, at MW-4S or MW4-M, either a decrease in groundwater level of 1.5 feet or more or caused an increase in TDS levels of two thousand parts per million or more in excess of identified regional trends, then the Permittee shall not re-start the pumping test until receiving an amendment to this permit; otherwise the Executive Director will allow the pumping test to resume."

APPENDIX B

Groundwater Level and Salinity Instrument Data

2-November-16 - 9-November-16

GEOSCIENCE

Report Date: 11/14/2016 8:28:58 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_2016-11-10_10-45-26-719-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-1D LT Test
Created By: ELinden
Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 4/21/2016 4:56:53 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 4/21/2016 6:00:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
4/21/2016 4:57:02 PM	Used Battery: 2% Used Memory: 1% User Name: ELinden
4/22/2016 10:32:18 AM	Log Download - Used Battery: 2% Used Memory: 1% User Name: SKuiper Interval - Start Time: 4/21/2016 6:00:00 PM Stop Time: 4/22/2016 11:30:00 AM
4/28/2016 10:59:03 AM	Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:45:00 AM
5/5/2016 12:29:13 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 3:48:01 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:00:00 PM
5/19/2016 4:19:06 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:00:00 PM
5/26/2016 2:12:28 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:30:00 PM
6/2/2016 2:17:55 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:52:59 AM	Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 5:31:57 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:15:00 PM
6/23/2016 3:41:29 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 4:00:00 PM
7/1/2016 9:13:42 AM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:45:00 AM
7/8/2016 9:11:42 AM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 9:45:00 AM
7/14/2016 12:33:36 PM	Log Download - Used Battery: 6% Used Memory: 10% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:45:00 PM
7/21/2016 1:47:48 PM	Log Download - Used Battery: 7% Used Memory: 10% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 2:15:00 PM
7/28/2016 2:39:17 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:15:00 PM
8/4/2016 12:00:20 PM	Log Download - Used Battery: 7% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 1:48:32 PM	Log Download - Used Battery: 8% Used Memory: 14% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:10:51 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:00:00 AM
8/25/2016 4:46:04 PM	Log Download - Used Battery: 8% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:45:00 PM
9/1/2016 1:09:39 PM	Log Download - Used Battery: 9% Used Memory: 17% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:00:00 PM
9/8/2016 11:26:51 AM	Log Download - Used Battery: 9% Used Memory: 17% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:15:00 AM
9/15/2016 6:25:15 PM	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:15:00 PM
9/22/2016 3:53:02 PM	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:45:00 PM
10/2/2016 8:41:47 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:30:00 AM
10/7/2016 6:15:57 PM	Log Download - Used Battery: 11% Used Memory: 20% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 7:00:00 PM
10/13/2016 1:17:34 PM	Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:30:00 PM
10/20/2016 12:08:32 PM	Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:45:00 PM
10/27/2016 9:42:03 AM	Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:00:00 AM
11/3/2016 9:12:43 AM	Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 11:00:00 AM
11/10/2016 10:44:11 AM	Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 727
Sensors: 2
1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: Baro-Adj Calc SN#: 000000					
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)			
11/3/2016 12:00:00 AM	7200.000	121.480	19.116	273.645	40860.113	46033.957	30.125	31303.094	24.474	1.021	14.798			
11/3/2016 12:15:00 AM	8100.000	121.507	19.109	273.706	40848.090	46026.902	30.119	31298.295	24.481	1.021	14.795			
11/3/2016 12:30:00 AM	9000.000	121.510	19.113	273.713	40876.898	46055.375	30.140	31317.658	24.464	1.021	14.792			
11/3/2016 12:45:00 AM	9900.000	121.550	19.110	273.802	40866.082	46045.793	30.133	31311.141	24.470	1.021	14.796			
11/3/2016 1:00:00 AM	10800.000	121.557	19.113	273.820	40827.277	45999.387	30.099	31279.584	24.493	1.021	14.791			
11/3/2016 1:15:00 AM	11700.000	121.572	19.109	273.854	40857.965	46037.762	30.127	31305.680	24.475	1.021	14.798			
11/3/2016 1:30:00 AM	12600.000	121.560	19.115	273.825	40888.441	46066.313	30.148	31325.096	24.457	1.021	14.794			
11/3/2016 1:45:00 AM	13500.000	121.605	19.114	273.927	40862.113	46037.590	30.127	31305.563	24.473	1.021	14.796			
11/3/2016 2:00:00 AM	14400.000	121.606	19.109	273.930	40844.895	46023.129	30.116	31295.730	24.483	1.021	14.799			
11/3/2016 2:15:00 AM	15300.000	121.604	19.110	273.924	40855.578	46034.469	30.125	31303.439	24.476	1.021	14.802			

11/3/2016 2:30:00 AM	16200.000	121.596	19.111	273.906	40847.668	46024.512	30.117	31296.670
24.481	1.021	14.807						
11/3/2016 2:45:00 AM	17100.000	121.605	19.118	273.928	40843.168	46012.887	30.109	31288.766
24.484	1.021	14.802						
11/3/2016 3:00:00 AM	18000.000	121.590	19.110	273.893	40855.895	46034.918	30.125	31303.746
24.476	1.021	14.798						
11/3/2016 3:15:00 AM	18900.000	121.590	19.110	273.894	40849.281	46027.621	30.120	31298.785
24.480	1.021	14.802						
11/3/2016 3:30:00 AM	19800.000	121.585	19.112	273.882	40864.512	46042.730	30.131	31309.057
24.471	1.021	14.803						
11/3/2016 3:45:00 AM	20700.000	121.581	19.114	273.872	40849.691	46024.035	30.117	31296.346
24.480	1.021	14.800						
11/3/2016 4:00:00 AM	21600.000	121.565	19.112	273.837	40870.008	46048.219	30.135	31312.789
24.468	1.021	14.799						
11/3/2016 4:15:00 AM	22500.000	121.549	19.108	273.800	40845.004	46024.543	30.117	31296.689
24.483	1.021	14.797						
11/3/2016 4:30:00 AM	23400.000	121.550	19.106	273.804	40830.488	46009.734	30.106	31286.621
24.492	1.021	14.795						
11/3/2016 4:45:00 AM	24300.000	121.519	19.105	273.734	40900.203	46089.430	30.164	31340.814
24.450	1.021	14.801						
11/3/2016 5:00:00 AM	25200.000	121.503	19.107	273.696	40854.188	46036.016	30.126	31304.490
24.477	1.021	14.797						
11/3/2016 5:15:00 AM	26100.000	121.495	19.104	273.679	40865.426	46051.004	30.136	31314.686
24.471	1.021	14.802						
11/3/2016 5:30:00 AM	27000.000	121.495	19.107	273.679	40856.281	46038.375	30.127	31306.098
24.476	1.021	14.799						
11/3/2016 5:45:00 AM	27900.000	121.488	19.110	273.664	40844.637	46022.230	30.116	31295.119
24.483	1.021	14.794						
11/3/2016 6:00:00 AM	28800.000	121.458	19.105	273.596	40864.227	46049.316	30.135	31313.535
24.471	1.021	14.806						
11/3/2016 6:15:00 AM	29700.000	121.473	19.127	273.630	40895.387	46062.191	30.146	31322.293
24.453	1.021	14.803						
11/3/2016 6:30:00 AM	30600.000	121.487	19.121	273.660	40848.875	46015.773	30.112	31290.729
24.480	1.021	14.799						
11/3/2016 6:45:00 AM	31500.000	121.473	19.110	273.631	40868.367	46048.879	30.135	31313.240
24.469	1.021	14.804						
11/3/2016 7:00:00 AM	32400.000	121.470	19.113	273.624	40869.813	46047.313	30.134	31312.174
24.468	1.021	14.797						
11/3/2016 7:15:00 AM	33300.000	121.492	19.111	273.673	40863.652	46042.871	30.131	31309.154
24.472	1.021	14.792						
11/3/2016 7:30:00 AM	34200.000	121.485	19.112	273.657	40862.078	46040.230	30.129	31307.359
24.473	1.021	14.799						
11/3/2016 7:45:00 AM	35100.000	121.503	19.113	273.697	40836.074	46009.727	30.107	31286.617
24.488	1.021	14.800						
11/3/2016 8:00:00 AM	36000.000	121.511	19.112	273.716	40840.039	46014.797	30.110	31290.064
24.486	1.021	14.796						
11/3/2016 8:15:00 AM	36900.000	121.531	19.118	273.760	40860.180	46031.961	30.123	31301.734
24.474	1.021	14.804						
11/3/2016 8:30:00 AM	37800.000	121.542	19.114	273.784	40823.832	45995.156	30.096	31276.709
24.495	1.021	14.807						
11/3/2016 8:45:00 AM	38700.000	121.560	19.103	273.827	40853.531	46038.730	30.127	31306.340
24.478	1.021	14.804						
11/3/2016 9:00:00 AM	39600.000	121.599	19.104	273.914	40853.313	46037.531	30.127	31305.523
24.478	1.021	14.806						
11/3/2016 9:15:00 AM	40500.000	121.635	19.110	273.995	40847.496	46025.098	30.118	31297.068
24.481	1.021	14.810						
11/3/2016 9:30:00 AM	41400.000	121.656	19.114	274.042	40886.883	46066.012	30.148	31324.891
24.458	1.021	14.809						
11/3/2016 9:45:00 AM	42300.000	121.677	19.108	274.088	40874.902	46058.398	30.142	31319.711
24.465	1.021	14.807						
11/3/2016 10:00:00 AM	43200.000	121.696	19.109	274.133	40849.715	46028.465	30.120	31299.357
24.480	1.021	14.804						
11/3/2016 10:15:00 AM	44100.000	121.716	19.109	274.177	40817.098	45991.543	30.093	31274.252
24.500	1.021	14.799						
11/3/2016 10:30:00 AM	45000.000	121.732	19.113	274.214	40849.219	46024.273	30.117	31296.508
24.480	1.021	14.803						
11/3/2016 10:45:00 AM	45900.000	121.777	19.112	274.316	40879.668	46059.887	30.143	31320.725
24.462	1.021	14.800						
11/3/2016 11:00:00 AM	46800.000	121.789	19.117	274.343	40890.344	46066.199	30.148	31325.018
24.456	1.021	14.798						
11/3/2016 11:15:00 AM	47700.000	121.802	19.112	274.371	40832.402	46006.105	30.104	31284.152
24.490	1.021	14.799						
11/3/2016 11:30:00 AM	48600.000	121.812	19.110	274.394	40868.746	46049.480	30.136	31313.648
24.469	1.021	14.798						
11/3/2016 11:45:00 AM	49500.000	121.847	19.112	274.472	40833.324	46007.145	30.105	31284.861
24.490	1.021	14.789						
11/3/2016 12:00:00 PM	50400.000	121.872	19.118	274.528	40847.238	46017.555	30.113	31291.939
24.481	1.021	14.790						
11/3/2016 12:15:00 PM	51300.000	121.858	19.118	274.498	40858.176	46028.934	30.121	31299.678
24.475	1.021	14.792						
11/3/2016 12:30:00 PM	52200.000	121.872	19.118	274.529	40831.105	45999.297	30.099	31279.523
24.491	1.021	14.784						
11/3/2016 12:45:00 PM	53100.000	121.861	19.117	274.505	40835.066	46004.191	30.103	31282.850
24.489	1.021	14.786						
11/3/2016 1:00:00 PM	54000.000	121.865	19.120	274.513	40858.148	46027.852	30.120	31298.941
24.475	1.021	14.784						
11/3/2016 1:15:00 PM	54900.000	121.878	19.119	274.542	40848.945	46017.574	30.113	31291.951
24.480	1.021	14.775						
11/3/2016 1:30:00 PM	55800.000	121.857	19.105	274.495	40860.246	46044.477	30.132	31310.246
24.474	1.021	14.775						
11/3/2016 1:45:00 PM	56700.000	121.833	19.110	274.441	40874.895	46055.969	30.140	31318.061
24.465	1.021	14.772						
11/3/2016 2:00:00 PM	57600.000	121.845	19.109	274.467	40872.992	46055.391	30.140	31317.668
24.466	1.021	14.764						
11/3/2016 2:15:00 PM	58500.000	121.817	19.109	274.405	40875.469	46057.395	30.141	31319.031
24.465	1.021	14.761						
11/3/2016 2:30:00 PM	59400.000	121.793	19.107	274.351	40821.898	45999.633	30.099	31279.750
24.497	1.021	14.759						
11/3/2016 2:45:00 PM	60300.000	121.769	19.109	274.297	40847.816	46026.762	30.119	31298.201
24.481	1.021	14.761						
11/3/2016 3:00:00 PM	61200.000	121.734	19.110	274.218	40827.801	46003.262	30.102	31282.221
24.493	1.021	14.762						
11/3/2016 3:15:00 PM	62100.000	121.680	19.109	274.096	40851.992	46030.859	30.122	31300.984
24.479	1.021	14.755						
11/3/2016 3:30:00 PM	63000.000	121.673	19.113	274.080	40842.188	46016.352	30.112	31291.121
24.484	1.021	14.760						
11/3/2016 3:45:00 PM	63900.000	121.600	19.107	273.917	40867.992	46051.574	30.137	31315.070
24.469	1.021	14.756						
11/3/2016 4:00:00 PM	64800.000	121.588	19.106	273.889	40852.504	46034.809	30.125	31303.670
24.478	1.021	14.762						
11/3/2016 4:15:00 PM	65700.000	121.530	19.103	273.758	40844.379	46028.766	30.120	31299.563
24.483	1.021	14.762						
11/3/2016 4:30:00 PM	66600.000	121.483	19.115	273.652	40868.301	46044.133	30.132	31310.012
24.469	1.021	14.759						
11/3/2016 4:45:00 PM	67500.000	121.445	19.123	273.567	40873.090	46041.055	30.130	31307.918
24.466	1.021	14.762						
11/3/2016 5:00:00 PM	68400.000	121.424	19.130	273.519	40833.586	45990.254	30.093	31273.375
24.490	1.021	14.758						
11/3/2016 5:15:00 PM	69300.000	121.371	19.130	273.401	40851.246	46009.539	30.107	31286.488
24.479	1.021	14.759						
11/3/2016 5:30:00 PM	70200.000	121.317	19.126	273.278	40871.117	46035.805	30.126	31304.350
24.467	1.021	14.761						
11/3/2016 5:45:00 PM	71100.000	121.277	19.120	273.188	40872.445	46043.352	30.132	31309.480
24.466	1.021	14.761						
11/3/2016 6:00:00 PM	72000.000	121.266	19.112	273.165	40866.984	46045.250	30.133	31310.771
24.470	1.021	14.758						
11/3/2016 6:15:00 PM	72900.000	121.216	19.101	273.051	40804.551	45985.430	30.088	31270.094
24.507	1.021	14.756						
11/3/2016 6:30:00 PM	73800.000	121.206	19.099	273.029	40837.074	46024.418	30.117	31296.605
24.488	1.021	14.760						
11/3/2016 6:45:00 PM	74700.000	121.177	19.113	272.964	40829.410	46002.395	30.101	31281.629
24.492	1.021	14.757						
11/3/2016 7:00:00 PM	75600.000	121.139	19.123	272.878	40875.355	46043.523	30.132	31309.598

24.465	1.021	14.761						
11/3/2016 7:15:00 PM	76500.000	121.116	19.129	272.827	40849.137	46007.855	30.106	31285.344
24.480	1.021	14.761						
11/3/2016 7:30:00 PM	77400.000	121.101	19.115	272.793	40846.129	46018.730	30.113	31292.738
24.482	1.021	14.759						
11/3/2016 7:45:00 PM	78300.000	121.114	19.104	272.821	40825.441	46006.391	30.104	31284.348
24.495	1.021	14.764						
11/3/2016 8:00:00 PM	79200.000	121.091	19.115	272.768	40883.395	46061.227	30.144	31321.637
24.460	1.021	14.764						
11/3/2016 8:15:00 PM	80100.000	121.121	19.105	272.837	40860.414	46044.500	30.132	31310.262
24.474	1.021	14.757						
11/3/2016 8:30:00 PM	81000.000	121.099	19.112	272.787	40849.477	46025.789	30.118	31297.539
24.480	1.021	14.768						
11/3/2016 8:45:00 PM	81900.000	121.093	19.110	272.774	40838.738	46014.984	30.110	31290.191
24.487	1.021	14.762						
11/3/2016 9:00:00 PM	82800.000	121.140	19.108	272.880	40846.961	46027.090	30.119	31298.424
24.482	1.021	14.762						
11/3/2016 9:15:00 PM	83700.000	121.122	19.109	272.838	40842.656	46020.863	30.115	31294.189
24.484	1.021	14.761						
11/3/2016 9:30:00 PM	84600.000	121.169	19.125	272.945	40866.344	46031.211	30.123	31301.227
24.470	1.021	14.759						
11/3/2016 9:45:00 PM	85500.000	121.171	19.110	272.951	40861.930	46041.715	30.130	31308.369
24.473	1.021	14.764						
11/3/2016 10:00:00 PM	86400.000	121.223	19.109	273.068	40830.281	46007.000	30.105	31284.762
24.492	1.021	14.765						
11/3/2016 10:15:00 PM	87300.000	121.195	19.114	273.004	40855.445	46030.594	30.122	31300.807
24.477	1.021	14.763						
11/3/2016 10:30:00 PM	88200.000	121.239	19.110	273.102	40843.953	46020.859	30.115	31294.188
24.483	1.021	14.770						
11/3/2016 10:45:00 PM	89100.000	121.273	19.112	273.180	40857.180	46034.629	30.125	31303.551
24.476	1.021	14.763						
11/3/2016 11:00:00 PM	90000.000	121.347	19.121	273.347	40847.750	46014.422	30.111	31289.809
24.481	1.021	14.770						
11/3/2016 11:15:00 PM	90900.000	121.320	19.108	273.284	40836.855	46015.617	30.111	31290.621
24.488	1.021	14.769						
11/3/2016 11:30:00 PM	91800.000	121.355	19.120	273.365	40877.582	46049.055	30.136	31313.357
24.463	1.021	14.766						
11/3/2016 11:45:00 PM	92700.000	121.379	19.112	273.419	40837.223	46011.891	30.108	31288.088
24.487	1.021	14.771						
11/4/2016 12:00:00 AM	93600.000	121.374	19.109	273.407	40839.414	46017.211	30.112	31291.705
24.486	1.021	14.771						
11/4/2016 12:15:00 AM	94500.000	121.463	19.110	273.607	40851.480	46029.762	30.121	31300.240
24.479	1.021	14.764						
11/4/2016 12:30:00 AM	95400.000	121.507	19.112	273.707	40853.613	46030.609	30.122	31300.816
24.478	1.021	14.768						
11/4/2016 12:45:00 AM	96300.000	121.589	19.114	273.891	40871.980	46048.883	30.135	31313.242
24.467	1.021	14.765						
11/4/2016 1:00:00 AM	97200.000	121.558	19.120	273.822	40906.277	46081.730	30.160	31335.576
24.446	1.021	14.768						
11/4/2016 1:15:00 AM	98100.000	121.522	19.110	273.741	40841.508	46018.102	30.113	31292.311
24.485	1.021	14.764						
11/4/2016 1:30:00 AM	99000.000	121.580	19.112	273.871	40852.293	46028.434	30.120	31299.338
24.478	1.021	14.760						
11/4/2016 1:45:00 AM	99900.000	121.602	19.114	273.920	40828.316	45999.348	30.099	31279.559
24.493	1.021	14.764						
11/4/2016 2:00:00 AM	100800.000	121.646	19.120	274.019	40809.172	45972.074	30.080	31261.014
24.504	1.021	14.770						
11/4/2016 2:15:00 AM	101700.000	121.618	19.126	273.957	40890.176	46057.715	30.142	31319.248
24.456	1.021	14.769						
11/4/2016 2:30:00 AM	102600.000	121.628	19.127	273.979	40848.688	46010.199	30.108	31286.938
24.481	1.021	14.768						
11/4/2016 2:45:00 AM	103500.000	121.639	19.110	274.005	40845.148	46022.625	30.116	31295.385
24.483	1.021	14.771						
11/4/2016 3:00:00 AM	104400.000	121.743	19.114	274.239	40864.168	46039.816	30.129	31307.078
24.471	1.021	14.766						
11/4/2016 3:15:00 AM	105300.000	121.655	19.109	274.039	40831.516	46008.055	30.105	31285.479
24.491	1.021	14.774						
11/4/2016 3:30:00 AM	106200.000	121.615	19.114	273.949	40825.078	45996.563	30.097	31277.664
24.495	1.021	14.773						
11/4/2016 3:45:00 AM	107100.000	121.674	19.123	274.083	40863.336	46030.324	30.122	31300.623
24.472	1.021	14.769						
11/4/2016 4:00:00 AM	108000.000	121.667	19.108	274.067	40847.195	46026.664	30.119	31298.135
24.481	1.021	14.774						
11/4/2016 4:15:00 AM	108900.000	121.741	19.110	274.234	40832.559	46008.531	30.106	31285.803
24.490	1.021	14.774						
11/4/2016 4:30:00 AM	109800.000	121.608	19.114	273.935	40826.855	45997.777	30.098	31278.490
24.494	1.021	14.769						
11/4/2016 4:45:00 AM	110700.000	121.641	19.117	274.009	40860.609	46032.785	30.124	31302.295
24.473	1.021	14.778						
11/4/2016 5:00:00 AM	111600.000	121.605	19.123	273.927	40840.953	46004.770	30.104	31283.244
24.485	1.021	14.769						
11/4/2016 5:15:00 AM	112500.000	121.633	19.111	273.991	40852.676	46029.898	30.121	31300.334
24.478	1.021	14.772						
11/4/2016 5:30:00 AM	113400.000	121.631	19.111	273.985	40848.625	46025.172	30.118	31297.119
24.481	1.021	14.775						
11/4/2016 5:45:00 AM	114300.000	121.557	19.114	273.818	40848.031	46022.332	30.116	31295.188
24.481	1.021	14.778						
11/4/2016 6:00:00 AM	115200.000	121.543	19.120	273.787	40861.266	46031.363	30.123	31301.328
24.473	1.021	14.778						
11/4/2016 6:15:00 AM	116100.000	121.575	19.114	273.859	40849.668	46023.402	30.117	31295.916
24.480	1.021	14.775						
11/4/2016 6:30:00 AM	117000.000	121.569	19.112	273.847	40858.555	46036.258	30.126	31304.656
24.475	1.021	14.776						
11/4/2016 6:45:00 AM	117900.000	121.556	19.118	273.818	40835.070	46003.406	30.102	31282.318
24.489	1.021	14.774						
11/4/2016 7:00:00 AM	118800.000	121.562	19.121	273.830	40813.527	45976.379	30.083	31263.939
24.502	1.021	14.774						
11/4/2016 7:15:00 AM	119700.000	121.526	19.111	273.749	40879.445	46060.063	30.143	31320.844
24.462	1.021	14.772						
11/4/2016 7:30:00 AM	120600.000	121.559	19.111	273.824	40847.477	46024.039	30.117	31296.348
24.481	1.021	14.769						
11/4/2016 7:45:00 AM	1215000.000	121.534	19.114	273.768	40844.953	46018.168	30.113	31292.357
24.483	1.021	14.768						
11/4/2016 8:00:00 AM	122400.000	121.599	19.114	273.914	40810.875	45980.035	30.085	31266.426
24.503	1.021	14.774						
11/4/2016 8:15:00 AM	123300.000	121.577	19.115	273.864	40847.727	46021.043	30.115	31294.311
24.481	1.021	14.778						
11/4/2016 8:30:00 AM	124200.000	121.516	19.113	273.726	40874.922	46053.148	30.138	31316.143
24.465	1.021	14.770						
11/4/2016 8:45:00 AM	125100.000	121.625	19.115	273.972	40860.777	46034.887	30.125	31303.725
24.473	1.021	14.775						
11/4/2016 9:00:00 AM	126000.000	121.600	19.113	273.916	40839.137	46013.090	30.109	31288.904
24.486	1.021	14.771						
11/4/2016 9:15:00 AM	126900.000	121.640	19.111	274.007	40848.516	46025.902	30.118	31297.615
24.481	1.021	14.786						
11/4/2016 9:30:00 AM	127800.000	121.598	19.112	273.911	40843.441	46019.148	30.114	31293.021
24.484	1.021	14.783						
11/4/2016 9:45:00 AM	128700.000	121.671	19.115	274.076	40861.758	46036.250	30.126	31304.650
24.473	1.021	14.775						
11/4/2016 10:00:00 AM	129600.000	121.646	19.108	274.019	40831.676	46009.613	30.106	31286.539
24.491	1.021	14.780						
11/4/2016 10:15:00 AM	130500.000	121.669	19.109	274.072	40857.691	46038.148	30.127	31305.943
24.475	1.021	14.782						
11/4/2016 10:30:00 AM	131400.000	121.721	19.113	274.188	40866.734	46044.273	30.132	31310.105
24.470	1.021	14.782						
11/4/2016 10:45:00 AM	132300.000	121.759	19.110	274.274	40842.078	46018.902	30.113	31292.854
24.485	1.021	14.787						
11/4/2016 11:00:00 AM	133200.000	121.795	19.111	274.356	40855.938	46033.574	30.124	31302.832
24.476	1.021	14.785						
11/4/2016 11:15:00 AM	134100.000	121.774	19.115	274.308	40900.473	46080.469	30.158	31334.721
24.450	1.021	14.786						
11/4/2016 11:30:00 AM	135000.000	121.797	19.111	274.360	40875.172	46055.504	30.140	31317.744
24.465	1.021	14.785						

11/4/2016 11:45:00 AM	135900.000	121.814	19.110	274.398	40844.680	46021.926	30.115	31294.912
24.483	1.021	14.785						
11/4/2016 12:00:00 PM	136800.000	121.831	19.115	274.435	40859.906	46033.906	30.124	31303.059
24.474	1.021	14.790						
11/4/2016 12:15:00 PM	137700.000	121.873	19.117	274.531	40844.512	46015.172	30.111	31290.318
24.483	1.021	14.785						
11/4/2016 12:30:00 PM	138600.000	121.860	19.113	274.502	40822.965	45994.957	30.096	31276.570
24.496	1.021	14.782						
11/4/2016 12:45:00 PM	139500.000	121.892	19.118	274.574	40871.910	46045.348	30.133	31310.836
24.467	1.021	14.779						
11/4/2016 1:00:00 PM	140400.000	121.826	19.109	274.425	40837.973	46015.930	30.111	31290.834
24.487	1.021	14.773						
11/4/2016 1:15:00 PM	141300.000	121.927	19.110	274.652	40856.340	46035.156	30.125	31303.908
24.476	1.021	14.775						
11/4/2016 1:30:00 PM	142200.000	121.842	19.110	274.461	40832.105	46007.758	30.105	31285.277
24.491	1.021	14.779						
11/4/2016 1:45:00 PM	143100.000	121.824	19.109	274.421	40856.242	46035.996	30.126	31304.480
24.476	1.021	14.775						
11/4/2016 2:00:00 PM	144000.000	121.845	19.111	274.468	40849.113	46026.406	30.119	31297.959
24.480	1.021	14.778						
11/4/2016 2:15:00 PM	144900.000	121.813	19.110	274.396	40810.543	45983.215	30.087	31268.588
24.503	1.021	14.778						
11/4/2016 2:30:00 PM	145800.000	121.831	19.111	274.435	40841.398	46017.109	30.112	31291.635
24.485	1.021	14.778						
11/4/2016 2:45:00 PM	146700.000	121.867	19.111	274.516	40850.078	46026.809	30.119	31298.230
24.480	1.021	14.774						
11/4/2016 3:00:00 PM	147600.000	121.765	19.110	274.288	40828.164	46003.316	30.102	31282.258
24.493	1.021	14.778						
11/4/2016 3:15:00 PM	148500.000	121.781	19.111	274.324	40836.266	46011.840	30.108	31288.051
24.488	1.021	14.776						
11/4/2016 3:30:00 PM	149400.000	121.750	19.107	274.255	40842.566	46022.398	30.116	31295.232
24.484	1.021	14.778						
11/4/2016 3:45:00 PM	150300.000	121.748	19.107	274.250	40829.363	46008.043	30.105	31285.471
24.492	1.021	14.775						
11/4/2016 4:00:00 PM	151200.000	121.662	19.111	274.055	40832.832	46007.723	30.105	31285.254
24.490	1.021	14.777						
11/4/2016 4:15:00 PM	152100.000	121.654	19.113	274.037	40820.930	45992.398	30.094	31274.834
24.497	1.021	14.780						
11/4/2016 4:30:00 PM	153000.000	121.617	19.111	273.954	40855.000	46032.516	30.123	31302.113
24.477	1.021	14.779						
11/4/2016 4:45:00 PM	153900.000	121.615	19.113	273.950	40852.250	46027.258	30.120	31298.537
24.478	1.021	14.776						
11/4/2016 5:00:00 PM	154800.000	121.512	19.108	273.718	40835.242	46013.543	30.109	31289.211
24.489	1.021	14.778						
11/4/2016 5:15:00 PM	155700.000	121.562	19.103	273.830	40822.922	46004.152	30.102	31282.826
24.496	1.021	14.780						
11/4/2016 5:30:00 PM	156600.000	121.402	19.109	273.470	40855.766	46035.633	30.125	31304.232
24.476	1.021	14.780						
11/4/2016 5:45:00 PM	157500.000	121.392	19.106	273.446	40840.164	46021.242	30.115	31294.447
24.486	1.021	14.774						
11/4/2016 6:00:00 PM	158400.000	121.397	19.107	273.459	40836.813	46016.520	30.111	31291.234
24.488	1.021	14.777						
11/4/2016 6:15:00 PM	159300.000	121.329	19.112	273.306	40846.023	46021.285	30.115	31294.475
24.482	1.021	14.774						
11/4/2016 6:30:00 PM	160200.000	121.311	19.125	273.264	40867.105	46032.758	30.124	31302.277
24.470	1.021	14.775						
11/4/2016 6:45:00 PM	161100.000	121.264	19.128	273.159	40882.539	46047.215	30.135	31312.107
24.460	1.021	14.778						
11/4/2016 7:00:00 PM	162000.000	121.251	19.120	273.130	40846.277	46013.707	30.110	31289.322
24.482	1.021	14.775						
11/4/2016 7:15:00 PM	162900.000	121.202	19.114	273.019	40842.762	46016.137	30.111	31290.975
24.484	1.021	14.776						
11/4/2016 7:30:00 PM	163800.000	121.177	19.118	272.964	40857.488	46028.238	30.120	31299.203
24.475	1.021	14.778						
11/4/2016 7:45:00 PM	164700.000	121.164	19.117	272.933	40835.730	46004.672	30.103	31283.178
24.488	1.021	14.776						
11/4/2016 8:00:00 PM	165600.000	121.187	19.120	272.987	40858.348	46027.129	30.120	31298.449
24.475	1.021	14.781						
11/4/2016 8:15:00 PM	166500.000	121.140	19.114	272.879	40873.086	46050.047	30.136	31314.033
24.466	1.021	14.773						
11/4/2016 8:30:00 PM	167400.000	121.128	19.101	272.853	40837.031	46022.207	30.115	31295.104
24.488	1.021	14.776						
11/4/2016 8:45:00 PM	168300.000	121.094	19.107	272.776	40834.063	46013.156	30.109	31288.947
24.489	1.021	14.782						
11/4/2016 9:00:00 PM	169200.000	121.158	19.103	272.921	40851.504	46036.703	30.126	31304.961
24.479	1.021	14.781						
11/4/2016 9:15:00 PM	170100.000	121.097	19.104	272.783	40859.605	46044.973	30.132	31310.584
24.474	1.021	14.780						
11/4/2016 9:30:00 PM	171000.000	121.131	19.107	272.860	40853.059	46034.746	30.125	31303.629
24.478	1.021	14.786						
11/4/2016 9:45:00 PM	171900.000	121.131	19.103	272.859	40808.832	45988.453	30.091	31272.150
24.504	1.021	14.782						
11/4/2016 10:00:00 PM	172800.000	121.129	19.106	272.854	40841.250	46022.469	30.116	31295.281
24.485	1.021	14.784						
11/4/2016 10:15:00 PM	173700.000	121.164	19.108	272.934	40862.699	46044.215	30.132	31310.068
24.472	1.021	14.780						
11/4/2016 10:30:00 PM	174600.000	121.156	19.115	272.916	40864.484	46039.832	30.129	31307.088
24.471	1.021	14.787						
11/4/2016 10:45:00 PM	175500.000	121.189	19.110	272.989	40853.270	46031.957	30.123	31301.730
24.478	1.021	14.792						
11/4/2016 11:00:00 PM	176400.000	121.224	19.109	273.070	40857.156	46036.762	30.126	31305.000
24.476	1.021	14.792						
11/4/2016 11:15:00 PM	177300.000	121.217	19.109	273.054	40837.453	46014.648	30.110	31289.963
24.487	1.021	14.795						
11/4/2016 11:30:00 PM	178200.000	121.295	19.107	273.228	40832.105	46010.527	30.107	31287.158
24.491	1.021	14.791						
11/4/2016 11:45:00 PM	179100.000	121.305	19.106	273.251	40841.336	46022.047	30.115	31294.994
24.485	1.021	14.794						
11/5/2016 12:00:00 AM	180000.000	121.316	19.111	273.275	40823.309	45996.992	30.097	31277.955
24.496	1.021	14.795						
11/5/2016 12:15:00 AM	180900.000	121.333	19.113	273.316	40872.094	46050.484	30.136	31314.332
24.467	1.021	14.795						
11/5/2016 12:30:00 AM	181800.000	121.368	19.111	273.393	40848.180	46025.355	30.118	31297.242
24.481	1.021	14.796						
11/5/2016 12:45:00 AM	182700.000	121.387	19.116	273.435	40857.703	46030.719	30.122	31300.891
24.475	1.021	14.793						
11/5/2016 1:00:00 AM	183600.000	121.439	19.120	273.553	40848.152	46016.336	30.112	31291.111
24.481	1.021	14.781						
11/5/2016 1:15:00 AM	184500.000	121.473	19.119	273.629	40844.469	46012.785	30.109	31288.695
24.483	1.021	14.784						
11/5/2016 1:30:00 AM	185400.000	121.463	19.114	273.607	40825.078	45995.617	30.096	31277.021
24.495	1.021	14.793						
11/5/2016 1:45:00 AM	186300.000	121.530	19.124	273.759	40820.094	45980.754	30.086	31266.914
24.498	1.021	14.788						
11/5/2016 2:00:00 AM	187200.000	121.566	19.113	273.839	40843.293	46017.773	30.113	31292.088
24.484	1.021	14.785						
11/5/2016 2:15:00 AM	188100.000	121.558	19.110	273.821	40817.672	45991.492	30.093	31274.215
24.499	1.021	14.786						
11/5/2016 2:30:00 AM	189000.000	121.590	19.111	273.892	40826.836	46000.621	30.100	31280.424
24.494	1.021	14.781						
11/5/2016 2:45:00 AM	189900.000	121.601	19.119	273.918	40820.625	45985.758	30.090	31270.316
24.497	1.021	14.783						
11/5/2016 3:00:00 AM	190800.000	121.633	19.121	273.991	40863.316	46032.555	30.124	31302.137
24.472	1.021	14.781						
11/5/2016 3:15:00 AM	191700.000	121.635	19.113	273.995	40854.355	46030.500	30.122	31300.740
24.477	1.021	14.785						
11/5/2016 3:30:00 AM	192600.000	121.640	19.112	274.007	40822.563	45995.371	30.096	31276.855
24.496	1.021	14.783						
11/5/2016 3:45:00 AM	193500.000	121.647	19.109	274.021	40827.230	46003.563	30.102	31282.424
24.493	1.021	14.788						
11/5/2016 4:00:00 AM	194400.000	121.659	19.111	274.048	40839.840	46016.125	30.111	31290.967
24.486	1.021	14.789						
11/5/2016 4:15:00 AM	195300.000	121.644	19.111	274.014	40854.934	46032.277	30.123	31301.951

24.477	1.021	14.785						
11/5/2016 4:30:00 AM	196200.000	121.655	19.117	274.041	40841.738	46012.219	30.109	31288.311
24.485	1.021	14.778						
11/5/2016 4:45:00 AM	197100.000	121.663	19.112	274.057	40816.859	45989.121	30.092	31272.605
24.500	1.021	14.774						
11/5/2016 5:00:00 AM	198000.000	121.637	19.112	274.000	40831.676	46005.285	30.103	31283.596
24.491	1.021	14.773						
11/5/2016 5:15:00 AM	198900.000	121.666	19.115	274.065	40863.633	46038.105	30.128	31305.914
24.472	1.021	14.769						
11/5/2016 5:30:00 AM	199800.000	121.649	19.130	274.027	40887.789	46051.301	30.138	31314.887
24.457	1.021	14.770						
11/5/2016 5:45:00 AM	200700.000	121.627	19.123	273.977	40889.137	46059.129	30.143	31320.207
24.456	1.021	14.769						
11/5/2016 6:00:00 AM	201600.000	121.638	19.117	274.002	40851.328	46022.512	30.116	31295.311
24.479	1.021	14.767						
11/5/2016 6:15:00 AM	202500.000	121.610	19.114	273.939	40841.078	46014.242	30.110	31289.686
24.485	1.021	14.771						
11/5/2016 6:30:00 AM	203400.000	121.612	19.116	273.943	40825.742	45995.156	30.096	31276.709
24.494	1.021	14.773						
11/5/2016 6:45:00 AM	204300.000	121.611	19.108	273.942	40808.078	45983.273	30.087	31268.629
24.505	1.021	14.772						
11/5/2016 7:00:00 AM	205200.000	121.642	19.107	274.011	40840.480	46020.309	30.114	31293.813
24.486	1.021	14.771						
11/5/2016 7:15:00 AM	206100.000	121.672	19.107	274.078	40829.449	46007.793	30.105	31285.301
24.492	1.021	14.774						
11/5/2016 7:30:00 AM	207000.000	121.607	19.112	273.932	40820.094	45992.766	30.094	31275.082
24.498	1.021	14.774						
11/5/2016 7:45:00 AM	207900.000	121.630	19.118	273.983	40825.316	45992.512	30.094	31274.910
24.495	1.021	14.770						
11/5/2016 8:00:00 AM	208800.000	121.659	19.129	274.049	40842.930	46001.473	30.101	31281.004
24.484	1.021	14.773						
11/5/2016 8:15:00 AM	209700.000	121.582	19.128	273.875	40860.242	46022.184	30.116	31295.088
24.474	1.021	14.775						
11/5/2016 8:30:00 AM	210600.000	121.587	19.118	273.886	40844.230	46013.484	30.110	31289.172
24.483	1.021	14.771						
11/5/2016 8:45:00 AM	211500.000	121.580	19.113	273.871	40820.461	45991.789	30.094	31274.418
24.498	1.021	14.774						
11/5/2016 9:00:00 AM	212400.000	121.612	19.116	273.943	40876.230	46052.199	30.138	31315.498
24.464	1.021	14.769						
11/5/2016 9:15:00 AM	213300.000	121.614	19.111	273.947	40848.180	46024.832	30.118	31296.889
24.481	1.021	14.767						
11/5/2016 9:30:00 AM	214200.000	121.612	19.114	273.943	40851.930	46026.559	30.119	31298.061
24.479	1.021	14.769						
11/5/2016 9:45:00 AM	215100.000	121.632	19.117	273.987	40849.453	46021.000	30.115	31294.283
24.480	1.021	14.775						
11/5/2016 10:00:00 AM	216000.000	121.620	19.116	273.961	40849.262	46021.813	30.116	31294.834
24.480	1.021	14.786						
11/5/2016 10:15:00 AM	216900.000	121.631	19.114	273.986	40817.926	45987.719	30.091	31271.650
24.499	1.021	14.774						
11/5/2016 10:30:00 AM	217800.000	121.716	19.112	274.176	40836.203	46010.129	30.107	31286.891
24.488	1.021	14.774						
11/5/2016 10:45:00 AM	218700.000	121.708	19.128	274.160	40852.480	46012.832	30.110	31288.729
24.478	1.021	14.781						
11/5/2016 11:00:00 AM	219600.000	121.683	19.117	274.102	40848.730	46019.742	30.114	31293.426
24.481	1.021	14.779						
11/5/2016 11:15:00 AM	220500.000	121.746	19.110	274.245	40840.992	46017.941	30.113	31292.201
24.485	1.021	14.785						
11/5/2016 11:30:00 AM	221400.000	121.710	19.108	274.164	40845.230	46024.359	30.117	31296.566
24.483	1.021	14.786						
11/5/2016 11:45:00 AM	222300.000	121.791	19.111	274.345	40853.355	46031.004	30.122	31301.082
24.478	1.021	14.780						
11/5/2016 12:00:00 PM	223200.000	121.755	19.110	274.264	40828.852	46004.262	30.103	31282.900
24.492	1.021	14.786						
11/5/2016 12:15:00 PM	224100.000	121.790	19.112	274.345	40810.215	45981.555	30.086	31267.457
24.504	1.021	14.785						
11/5/2016 12:30:00 PM	225000.000	121.729	19.116	274.207	40828.293	45997.586	30.098	31278.361
24.493	1.021	14.784						
11/5/2016 12:45:00 PM	225900.000	121.774	19.114	274.308	40844.250	46017.559	30.112	31291.941
24.483	1.021	14.780						
11/5/2016 1:00:00 PM	226800.000	121.808	19.120	274.385	40848.051	46015.613	30.111	31290.619
24.481	1.021	14.778						
11/5/2016 1:15:00 PM	227700.000	121.861	19.111	274.503	40814.707	45987.211	30.090	31271.307
24.501	1.021	14.780						
11/5/2016 1:30:00 PM	228600.000	121.873	19.114	274.531	40851.668	46026.078	30.119	31297.734
24.479	1.021	14.781						
11/5/2016 1:45:00 PM	229500.000	121.788	19.108	274.340	40818.813	45994.594	30.095	31276.326
24.499	1.021	14.780						
11/5/2016 2:00:00 PM	230400.000	121.836	19.107	274.447	40829.289	46008.043	30.105	31285.471
24.492	1.021	14.778						
11/5/2016 2:15:00 PM	231300.000	121.816	19.115	274.402	40857.066	46031.219	30.122	31301.229
24.476	1.021	14.780						
11/5/2016 2:30:00 PM	232200.000	121.879	19.115	274.544	40862.590	46037.617	30.127	31305.582
24.472	1.021	14.784						
11/5/2016 2:45:00 PM	233100.000	121.827	19.109	274.426	40846.023	46024.398	30.117	31296.592
24.482	1.021	14.773						
11/5/2016 3:00:00 PM	234000.000	121.829	19.110	274.431	40835.449	46012.035	30.108	31288.186
24.489	1.021	14.773						
11/5/2016 3:15:00 PM	234900.000	121.801	19.109	274.370	40826.605	46002.691	30.101	31281.832
24.494	1.021	14.779						
11/5/2016 3:30:00 PM	235800.000	121.810	19.115	274.388	40846.832	46019.258	30.114	31293.096
24.482	1.021	14.778						
11/5/2016 3:45:00 PM	236700.000	121.772	19.114	274.303	40814.891	45984.480	30.088	31269.449
24.501	1.021	14.772						
11/5/2016 4:00:00 PM	237600.000	121.761	19.123	274.280	40867.609	46034.797	30.125	31303.664
24.469	1.021	14.775						
11/5/2016 4:15:00 PM	238500.000	121.717	19.121	274.180	40869.031	46038.480	30.128	31306.170
24.468	1.021	14.773						
11/5/2016 4:30:00 PM	239400.000	121.683	19.111	274.102	40845.664	46022.605	30.116	31295.371
24.482	1.021	14.779						
11/5/2016 4:45:00 PM	240300.000	121.662	19.119	274.055	40861.992	46032.359	30.124	31302.006
24.473	1.021	14.777						
11/5/2016 5:00:00 PM	241200.000	121.646	19.109	274.021	40851.676	46030.852	30.122	31300.980
24.479	1.021	14.774						
11/5/2016 5:15:00 PM	242100.000	121.615	19.111	273.949	40848.875	46025.453	30.118	31297.311
24.480	1.021	14.769						
11/5/2016 5:30:00 PM	243000.000	121.581	19.115	273.872	40833.266	46004.320	30.103	31282.939
24.490	1.021	14.765						
11/5/2016 5:45:00 PM	243900.000	121.577	19.111	273.864	40869.926	46049.855	30.136	31313.904
24.468	1.021	14.767						
11/5/2016 6:00:00 PM	244800.000	121.466	19.111	273.613	40855.918	46034.156	30.124	31303.229
24.476	1.021	14.767						
11/5/2016 6:15:00 PM	245700.000	121.456	19.110	273.591	40812.832	45986.305	30.089	31270.689
24.502	1.021	14.760						
11/5/2016 6:30:00 PM	246600.000	121.487	19.110	273.660	40813.379	45986.656	30.090	31270.928
24.502	1.021	14.759						
11/5/2016 6:45:00 PM	247500.000	121.429	19.111	273.530	40832.637	46007.156	30.105	31284.869
24.490	1.021	14.757						
11/5/2016 7:00:00 PM	248400.000	121.394	19.111	273.453	40848.688	46025.836	30.118	31297.568
24.481	1.021	14.767						
11/5/2016 7:15:00 PM	249300.000	121.358	19.111	273.372	40819.945	45992.855	30.094	31275.145
24.498	1.021	14.763						
11/5/2016 7:30:00 PM	250200.000	121.328	19.112	273.303	40858.789	46036.363	30.126	31304.729
24.475	1.021	14.757						
11/5/2016 7:45:00 PM	251100.000	121.278	19.105	273.191	40822.965	46002.648	30.101	31281.803
24.496	1.021	14.763						
11/5/2016 8:00:00 PM	252000.000	121.253	19.107	273.135	40834.027	46012.695	30.109	31288.633
24.489	1.021	14.759						
11/5/2016 8:15:00 PM	252900.000	121.251	19.117	273.129	40834.086	46003.086	30.102	31282.102
24.489	1.021	14.766						
11/5/2016 8:30:00 PM	253800.000	121.231	19.128	273.085	40850.004	46010.219	30.108	31286.951
24.480	1.021	14.764						
11/5/2016 8:45:00 PM	254700.000	121.193	19.117	272.998	40836.430	46005.629	30.104	31283.828
24.488	1.021	14.755						

11/5/2016 9:00:00 PM	255600.000	121.167	19.118	272.941	40859.543	46031.242	30.123	31301.244
24.474	1.021	14.764						
11/5/2016 9:15:00 PM	256500.000	121.175	19.125	272.959	40848.070	46010.977	30.108	31287.467
24.481	1.021	14.759						
11/5/2016 9:30:00 PM	257400.000	121.142	19.126	272.885	40840.914	46002.047	30.102	31281.395
24.485	1.021	14.759						
11/5/2016 9:45:00 PM	258300.000	121.167	19.125	272.941	40871.914	46038.355	30.128	31306.084
24.467	1.021	14.761						
11/5/2016 10:00:00 PM	259200.000	121.133	19.122	272.865	40838.195	46003.047	30.102	31282.074
24.487	1.021	14.767						
11/5/2016 10:15:00 PM	260100.000	121.179	19.123	272.967	40836.051	45999.250	30.100	31279.492
24.488	1.021	14.766						
11/5/2016 10:30:00 PM	261000.000	121.161	19.130	272.928	40842.656	45999.863	30.100	31279.908
24.484	1.021	14.769						
11/5/2016 10:45:00 PM	261900.000	121.139	19.114	272.878	40845.066	46018.824	30.113	31292.803
24.483	1.021	14.770						
11/5/2016 11:00:00 PM	262800.000	121.156	19.105	272.916	40806.395	45984.059	30.088	31269.162
24.506	1.021	14.774						
11/5/2016 11:15:00 PM	263700.000	121.155	19.111	272.913	40825.816	45999.977	30.100	31279.986
24.494	1.021	14.776						
11/5/2016 11:30:00 PM	264600.000	121.206	19.110	273.027	40808.867	45981.664	30.086	31267.533
24.504	1.021	14.772						
11/5/2016 11:45:00 PM	265500.000	121.240	19.116	273.105	40820.609	45989.285	30.092	31272.717
24.497	1.021	14.768						
11/6/2016 12:00:00 AM	266400.000	121.203	19.120	273.022	40853.953	46022.352	30.116	31295.201
24.477	1.021	14.769						
11/6/2016 12:15:00 AM	267300.000	121.271	19.112	273.175	40835.148	46009.727	30.107	31286.617
24.489	1.021	14.767						
11/6/2016 12:30:00 AM	268200.000	121.329	19.112	273.304	40829.734	46003.281	30.102	31282.234
24.492	1.021	14.761						
11/6/2016 12:45:00 AM	269100.000	121.385	19.117	273.431	40826.289	45994.723	30.096	31276.412
24.494	1.021	14.773						
11/6/2016 1:00:00 AM	270000.000	121.366	19.116	273.390	40846.598	46018.207	30.113	31292.383
24.482	1.021	14.772						
11/6/2016 1:15:00 AM	270900.000	121.346	19.116	273.345	40846.148	46018.055	30.113	31292.277
24.482	1.021	14.772						
11/6/2016 1:30:00 AM	271800.000	121.392	19.119	273.448	40836.051	46003.824	30.103	31282.602
24.488	1.021	14.769						
11/6/2016 1:45:00 AM	272700.000	121.404	19.118	273.474	40843.848	46013.211	30.109	31288.986
24.483	1.021	14.771						
11/6/2016 2:00:00 AM	273600.000	121.466	19.114	273.614	40852.629	46027.254	30.120	31298.535
24.478	1.021	14.773						
11/6/2016 2:15:00 AM	274500.000	121.499	19.117	273.689	40837.816	46007.289	30.105	31284.957
24.487	1.021	14.775						
11/6/2016 2:30:00 AM	275400.000	121.514	19.121	273.723	40835.199	46000.285	30.100	31280.195
24.489	1.021	14.775						
11/6/2016 2:45:00 AM	276300.000	121.580	19.115	273.872	40828.656	45999.383	30.099	31279.582
24.493	1.021	14.768						
11/6/2016 2:00:00 AM	277200.000	121.594	19.118	273.903	40853.613	46024.652	30.118	31296.764
24.478	1.021	14.775						
11/6/2016 2:15:00 AM	278100.000	121.625	19.115	273.972	40829.891	46000.348	30.100	31280.236
24.492	1.021	14.771						
11/6/2016 2:30:00 AM	279000.000	121.539	19.113	273.779	40839.137	46012.484	30.109	31288.492
24.486	1.021	14.773						
11/6/2016 2:45:00 AM	279900.000	121.669	19.119	274.072	40837.688	46005.328	30.104	31283.625
24.487	1.021	14.776						
11/6/2016 3:00:00 AM	280800.000	121.626	19.125	273.975	40852.012	46015.848	30.112	31290.779
24.479	1.021	14.773						
11/6/2016 3:15:00 AM	281700.000	121.686	19.118	274.109	40842.230	46011.309	30.108	31287.691
24.484	1.021	14.774						
11/6/2016 3:30:00 AM	282600.000	121.660	19.115	274.052	40838.008	46009.316	30.107	31286.336
24.487	1.021	14.769						
11/6/2016 3:45:00 AM	283500.000	121.672	19.112	274.078	40851.094	46027.691	30.120	31298.832
24.479	1.021	14.773						
11/6/2016 4:00:00 AM	284400.000	121.718	19.109	274.181	40862.633	46043.023	30.131	31309.258
24.472	1.021	14.767						
11/6/2016 4:15:00 AM	285300.000	121.709	19.114	274.162	40806.570	45975.527	30.082	31263.361
24.506	1.021	14.757						
11/6/2016 4:30:00 AM	286200.000	121.747	19.113	274.246	40848.477	46023.008	30.116	31295.648
24.481	1.021	14.763						
11/6/2016 4:45:00 AM	287100.000	121.741	19.118	274.234	40846.000	46015.637	30.111	31290.635
24.482	1.021	14.763						
11/6/2016 5:00:00 AM	288000.000	121.680	19.126	274.095	40857.258	46020.719	30.115	31294.092
24.475	1.021	14.770						
11/6/2016 5:15:00 AM	288900.000	121.690	19.127	274.119	40835.090	45994.461	30.096	31276.236
24.489	1.021	14.771						
11/6/2016 5:30:00 AM	289800.000	121.666	19.111	274.065	40830.504	46005.438	30.103	31283.699
24.491	1.021	14.768						
11/6/2016 5:45:00 AM	290700.000	121.720	19.109	274.186	40830.785	46006.965	30.105	31284.738
24.491	1.021	14.765						
11/6/2016 6:00:00 AM	291600.000	121.688	19.112	274.113	40841.992	46017.355	30.112	31291.803
24.485	1.021	14.764						
11/6/2016 6:15:00 AM	292500.000	121.715	19.115	274.174	40843.340	46016.102	30.111	31290.951
24.484	1.021	14.777						
11/6/2016 6:30:00 AM	293400.000	121.655	19.112	274.041	40812.781	45983.996	30.088	31269.119
24.502	1.021	14.773						
11/6/2016 6:45:00 AM	294300.000	121.750	19.124	274.254	40844.016	46007.703	30.106	31285.240
24.483	1.021	14.769						
11/6/2016 7:00:00 AM	295200.000	121.648	19.124	274.025	40849.262	46013.445	30.110	31289.145
24.480	1.021	14.771						
11/6/2016 7:15:00 AM	296100.000	121.727	19.114	274.203	40846.598	46020.805	30.115	31294.148
24.482	1.021	14.777						
11/6/2016 7:30:00 AM	297000.000	121.556	19.107	273.817	40825.965	46004.383	30.103	31282.982
24.494	1.021	14.779						
11/6/2016 7:45:00 AM	297900.000	121.630	19.108	273.984	40794.816	45967.555	30.076	31257.938
24.513	1.021	14.772						
11/6/2016 8:00:00 AM	298800.000	121.685	19.112	274.107	40824.539	45997.691	30.098	31278.432
24.495	1.021	14.783						
11/6/2016 8:15:00 AM	299700.000	121.651	19.111	274.030	40832.211	46006.676	30.104	31284.541
24.490	1.021	14.778						
11/6/2016 8:30:00 AM	300600.000	121.564	19.119	273.834	40860.398	46030.914	30.122	31301.023
24.474	1.021	14.782						
11/6/2016 8:45:00 AM	301500.000	121.599	19.116	273.914	40827.777	45997.449	30.098	31278.268
24.493	1.021	14.784						
11/6/2016 9:00:00 AM	302400.000	121.633	19.113	273.990	40859.559	46035.922	30.126	31304.430
24.474	1.021	14.790						
11/6/2016 9:15:00 AM	303300.000	121.585	19.110	273.883	40851.375	46029.734	30.121	31300.221
24.479	1.021	14.785						
11/6/2016 9:30:00 AM	304200.000	121.591	19.111	273.895	40835.004	46010.676	30.107	31287.262
24.489	1.021	14.793						
11/6/2016 9:45:00 AM	305100.000	121.608	19.108	273.934	40842.137	46021.313	30.115	31294.492
24.485	1.021	14.785						
11/6/2016 10:00:00 AM	306000.000	121.624	19.108	273.971	40810.469	45985.191	30.089	31269.932
24.504	1.021	14.783						
11/6/2016 10:15:00 AM	306900.000	121.634	19.116	273.993	40813.055	45980.773	30.086	31266.928
24.502	1.021	14.786						
11/6/2016 10:30:00 AM	307800.000	121.642	19.116	274.009	40812.930	45980.121	30.085	31266.482
24.502	1.021	14.785						
11/6/2016 10:45:00 AM	308700.000	121.601	19.118	273.917	40833.238	46001.438	30.101	31280.979
24.490	1.021	14.791						
11/6/2016 11:00:00 AM	309600.000	121.647	19.115	274.022	40837.113	46008.824	30.106	31286.002
24.488	1.021	14.795						
11/6/2016 11:15:00 AM	310500.000	121.693	19.120	274.125	40814.105	45977.715	30.084	31264.848
24.501	1.021	14.788						
11/6/2016 11:30:00 AM	311400.000	121.667	19.114	274.067	40846.617	46020.043	30.114	31293.631
24.482	1.021	14.789						
11/6/2016 11:45:00 AM	312300.000	121.667	19.114	274.067	40822.477	45993.449	30.095	31275.547
24.496	1.021	14.784						
11/6/2016 12:00:00 PM	313200.000	121.651	19.123	274.030	40829.230	45991.988	30.094	31274.553
24.492	1.021	14.783						
11/6/2016 12:15:00 PM	314100.000	121.717	19.120	274.180	40828.379	45993.793	30.095	31275.781
24.493	1.021	14.778						
11/6/2016 12:30:00 PM	315000.000	121.724	19.114	274.196	40841.633	46015.031	30.111	31290.223

24.485	1.021	14.787						
11/6/2016 12:45:00 PM	315900.000	121.741	19.117	274.233	40816.250	45983.148	30.088	31268.543
24.500	1.021	14.783						
11/6/2016 1:00:00 PM	316800.000	121.801	19.116	274.368	40833.785	46004.379	30.103	31282.980
24.490	1.021	14.782						
11/6/2016 1:15:00 PM	317700.000	121.826	19.120	274.426	40868.668	46039.098	30.128	31306.588
24.469	1.021	14.785						
11/6/2016 1:30:00 PM	318600.000	121.807	19.127	274.382	40836.836	45996.852	30.098	31277.861
24.488	1.021	14.781						
11/6/2016 1:45:00 PM	319500.000	121.848	19.111	274.475	40853.402	46030.633	30.122	31300.830
24.478	1.021	14.777						
11/6/2016 2:00:00 PM	320400.000	121.786	19.110	274.334	40847.477	46024.984	30.118	31296.992
24.481	1.021	14.775						
11/6/2016 2:15:00 PM	321300.000	121.793	19.118	274.350	40828.844	45996.230	30.097	31277.439
24.492	1.021	14.781						
11/6/2016 2:30:00 PM	322200.000	121.763	19.113	274.283	40800.023	45968.590	30.077	31258.643
24.510	1.021	14.778						
11/6/2016 2:45:00 PM	323100.000	121.823	19.114	274.418	40861.070	46036.930	30.127	31305.115
24.473	1.021	14.782						
11/6/2016 3:00:00 PM	324000.000	121.770	19.109	274.300	40836.113	46013.918	30.110	31289.467
24.488	1.021	14.778						
11/6/2016 3:15:00 PM	324900.000	121.781	19.107	274.324	40827.512	46005.352	30.103	31283.641
24.493	1.021	14.779						
11/6/2016 3:30:00 PM	325800.000	121.728	19.116	274.203	40824.227	45993.359	30.095	31275.486
24.495	1.021	14.778						
11/6/2016 3:45:00 PM	326700.000	121.730	19.116	274.208	40830.441	46000.098	30.100	31280.068
24.492	1.021	14.782						
11/6/2016 4:00:00 PM	327600.000	121.763	19.112	274.283	40831.648	46005.254	30.103	31283.572
24.491	1.021	14.785						
11/6/2016 4:15:00 PM	328500.000	121.692	19.111	274.123	40832.301	46006.941	30.105	31284.721
24.490	1.021	14.784						
11/6/2016 4:30:00 PM	329400.000	121.671	19.117	274.075	40825.742	45993.688	30.095	31275.709
24.494	1.021	14.780						
11/6/2016 4:45:00 PM	330300.000	121.631	19.122	273.987	40865.492	46033.449	30.124	31302.748
24.471	1.021	14.785						
11/6/2016 5:00:00 PM	331200.000	121.641	19.119	274.009	40840.203	46008.504	30.106	31285.783
24.486	1.021	14.785						
11/6/2016 5:15:00 PM	332100.000	121.581	19.130	273.874	40855.707	46014.910	30.111	31290.141
24.476	1.021	14.789						
11/6/2016 5:30:00 PM	333000.000	121.568	19.124	273.844	40847.262	46011.102	30.108	31287.551
24.481	1.021	14.786						
11/6/2016 5:45:00 PM	333900.000	121.532	19.112	273.763	40829.371	46003.379	30.102	31282.301
24.492	1.021	14.796						
11/6/2016 6:00:00 PM	334800.000	121.450	19.109	273.579	40816.680	45991.418	30.093	31274.166
24.500	1.021	14.796						
11/6/2016 6:15:00 PM	335700.000	121.446	19.108	273.569	40817.496	45993.109	30.094	31275.316
24.499	1.021	14.787						
11/6/2016 6:30:00 PM	336600.000	121.426	19.100	273.525	40826.387	46011.688	30.108	31287.949
24.494	1.021	14.790						
11/6/2016 6:45:00 PM	337500.000	121.371	19.107	273.401	40830.141	46008.398	30.105	31285.713
24.492	1.021	14.797						
11/6/2016 7:00:00 PM	338400.000	121.342	19.107	273.336	40843.527	46023.742	30.117	31296.146
24.484	1.021	14.796						
11/6/2016 7:15:00 PM	339300.000	121.312	19.106	273.268	40819.250	45997.070	30.097	31278.010
24.498	1.021	14.798						
11/6/2016 7:30:00 PM	340200.000	121.266	19.100	273.164	40826.641	46011.543	30.107	31287.852
24.494	1.021	14.796						
11/6/2016 7:45:00 PM	341100.000	121.262	19.110	273.155	40782.984	45952.676	30.065	31247.822
24.520	1.021	14.803						
11/6/2016 8:00:00 PM	342000.000	121.213	19.098	273.043	40819.422	46005.129	30.103	31283.488
24.498	1.021	14.794						
11/6/2016 8:15:00 PM	342900.000	121.217	19.103	273.053	40811.941	45991.957	30.093	31274.533
24.503	1.021	14.791						
11/6/2016 8:30:00 PM	343800.000	121.201	19.108	273.017	40831.461	46009.199	30.106	31286.256
24.491	1.021	14.793						
11/6/2016 8:45:00 PM	344700.000	121.175	19.111	272.959	40791.215	45960.566	30.071	31253.188
24.515	1.021	14.794						
11/6/2016 9:00:00 PM	345600.000	121.161	19.112	272.926	40817.492	45989.223	30.092	31272.672
24.499	1.021	14.792						
11/6/2016 9:15:00 PM	346500.000	121.129	19.113	272.854	40818.871	45990.258	30.093	31273.377
24.498	1.021	14.792						
11/6/2016 9:30:00 PM	347400.000	121.205	19.106	273.026	40815.328	45993.180	30.094	31275.363
24.501	1.021	14.785						
11/6/2016 9:45:00 PM	348300.000	121.139	19.111	272.878	40808.563	45980.801	30.086	31266.947
24.505	1.021	14.782						
11/6/2016 10:00:00 PM	349200.000	121.107	19.107	272.805	40803.730	45979.160	30.084	31265.830
24.508	1.021	14.783						
11/6/2016 10:15:00 PM	350100.000	121.129	19.110	272.855	40814.109	45987.391	30.090	31271.428
24.501	1.021	14.788						
11/6/2016 10:30:00 PM	351000.000	121.107	19.113	272.805	40817.918	45989.184	30.092	31272.646
24.499	1.021	14.794						
11/6/2016 10:45:00 PM	351900.000	121.135	19.112	272.868	40805.023	45975.172	30.081	31263.119
24.507	1.021	14.787						
11/6/2016 11:00:00 PM	352800.000	121.127	19.111	272.850	40816.664	45989.160	30.092	31272.631
24.500	1.021	14.791						
11/6/2016 11:15:00 PM	353700.000	121.189	19.113	272.989	40840.461	46014.242	30.110	31289.686
24.486	1.021	14.789						
11/6/2016 11:30:00 PM	354600.000	121.205	19.115	273.025	40828.711	45999.273	30.099	31279.506
24.493	1.021	14.791						
11/6/2016 11:45:00 PM	355500.000	121.262	19.117	273.155	40851.078	46022.047	30.116	31294.994
24.479	1.021	14.789						
11/7/2016 12:00:00 AM	356400.000	121.252	19.127	273.131	40842.785	46003.383	30.103	31282.303
24.484	1.021	14.789						
11/7/2016 12:15:00 AM	357300.000	121.266	19.116	273.164	40826.711	45996.246	30.097	31277.449
24.494	1.021	14.785						
11/7/2016 12:30:00 AM	358200.000	121.302	19.112	273.244	40828.926	46002.105	30.101	31281.434
24.492	1.021	14.783						
11/7/2016 12:45:00 AM	359100.000	121.324	19.107	273.294	40816.883	45993.719	30.095	31275.730
24.500	1.021	14.790						
11/7/2016 1:00:00 AM	360000.000	121.353	19.110	273.360	40798.906	45970.102	30.078	31259.672
24.510	1.021	14.790						
11/7/2016 1:15:00 AM	360900.000	121.416	19.115	273.501	40844.703	46017.207	30.112	31291.703
24.483	1.021	14.787						
11/7/2016 1:30:00 AM	361800.000	121.387	19.116	273.435	40805.012	45971.961	30.079	31260.936
24.507	1.021	14.793						
11/7/2016 1:45:00 AM	362700.000	121.422	19.128	273.514	40844.430	46004.027	30.103	31282.740
24.483	1.021	14.788						
11/7/2016 2:00:00 AM	363600.000	121.463	19.117	273.608	40850.395	46021.707	30.116	31294.764
24.480	1.021	14.787						
11/7/2016 2:15:00 AM	364500.000	121.500	19.111	273.691	40841.141	46017.426	30.112	31291.852
24.485	1.021	14.786						
11/7/2016 2:30:00 AM	365400.000	121.566	19.107	273.840	40810.715	45986.680	30.090	31270.945
24.503	1.021	14.788						
11/7/2016 2:45:00 AM	366300.000	121.622	19.109	273.965	40813.207	45987.156	30.090	31271.268
24.502	1.021	14.781						
11/7/2016 3:00:00 AM	367200.000	121.587	19.115	273.886	40837.711	46009.668	30.107	31286.576
24.487	1.021	14.787						
11/7/2016 3:15:00 AM	368100.000	121.620	19.122	273.961	40842.566	46007.973	30.106	31285.424
24.484	1.021	14.790						
11/7/2016 3:30:00 AM	369000.000	121.633	19.116	273.991	40846.047	46017.852	30.113	31292.141
24.482	1.021	14.783						
11/7/2016 3:45:00 AM	369900.000	121.658	19.114	274.046	40839.371	46012.141	30.109	31288.258
24.486	1.021	14.788						
11/7/2016 4:00:00 AM	370800.000	121.698	19.117	274.137	40827.953	45995.996	30.097	31277.279
24.493	1.021	14.788						
11/7/2016 4:15:00 AM	371700.000	121.674	19.120	274.083	40825.754	45990.836	30.093	31273.771
24.494	1.021	14.787						
11/7/2016 4:30:00 AM	372600.000	121.681	19.120	274.099	40823.457	45988.348	30.091	31272.078
24.496	1.021	14.795						
11/7/2016 4:45:00 AM	373500.000	121.718	19.127	274.183	40849.902	46011.145	30.108	31287.580
24.480	1.021	14.789						
11/7/2016 5:00:00 AM	374400.000	121.785	19.135	274.332	40823.965	45973.902	30.082	31262.254
24.495	1.021	14.790						

11/7/2016 5:15:00 AM	375300.000	121.700	19.125	274.142	40832.785	45993.410	30.095	31275.520
24.490	1.021	14.792						
11/7/2016 5:30:00 AM	376200.000	121.695	19.116	274.130	40830.379	46000.117	30.100	31280.080
24.492	1.021	14.795						
11/7/2016 5:45:00 AM	377100.000	121.737	19.115	274.225	40818.848	45988.418	30.091	31272.127
24.498	1.021	14.791						
11/7/2016 6:00:00 AM	378000.000	121.723	19.118	274.192	40815.641	45981.016	30.086	31267.094
24.500	1.021	14.795						
11/7/2016 6:15:00 AM	378900.000	121.702	19.119	274.145	40863.957	46035.090	30.125	31303.863
24.471	1.021	14.794						
11/7/2016 6:30:00 AM	379800.000	121.721	19.118	274.188	40823.387	45990.602	30.093	31273.611
24.496	1.021	14.787						
11/7/2016 6:45:00 AM	380700.000	121.688	19.118	274.114	40829.203	45996.980	30.098	31277.949
24.492	1.021	14.788						
11/7/2016 7:00:00 AM	381600.000	121.669	19.114	274.072	40827.074	45998.371	30.098	31278.895
24.494	1.021	14.799						
11/7/2016 7:15:00 AM	382500.000	121.669	19.117	274.071	40813.512	45980.066	30.085	31266.447
24.502	1.021	14.794						
11/7/2016 7:30:00 AM	383400.000	121.670	19.118	274.074	40839.625	46008.805	30.106	31285.990
24.486	1.021	14.802						
11/7/2016 7:45:00 AM	384300.000	121.653	19.111	274.035	40826.480	46000.301	30.100	31280.207
24.494	1.021	14.802						
11/7/2016 8:00:00 AM	385200.000	121.650	19.112	274.028	40840.883	46015.402	30.111	31290.477
24.485	1.021	14.801						
11/7/2016 8:15:00 AM	386100.000	121.615	19.113	273.950	40812.758	45983.285	30.087	31268.637
24.502	1.021	14.806						
11/7/2016 8:30:00 AM	387000.000	121.605	19.114	273.927	40819.410	45989.574	30.092	31272.910
24.498	1.021	14.802						
11/7/2016 8:45:00 AM	387900.000	121.604	19.114	273.926	40837.004	46009.559	30.107	31286.500
24.488	1.021	14.807						
11/7/2016 9:00:00 AM	388800.000	121.577	19.113	273.865	40833.707	46006.449	30.104	31284.387
24.490	1.021	14.800						
11/7/2016 9:15:00 AM	389700.000	121.588	19.113	273.890	40811.777	45981.660	30.086	31267.531
24.503	1.021	14.807						
11/7/2016 9:30:00 AM	390600.000	121.576	19.122	273.863	40833.824	45998.031	30.099	31278.664
24.490	1.021	14.812						
11/7/2016 9:45:00 AM	391500.000	121.588	19.126	273.888	40875.484	46041.078	30.130	31307.936
24.465	1.021	14.793						
11/7/2016 10:00:00 AM	392400.000	121.577	19.107	273.865	40848.113	46029.254	30.121	31299.895
24.481	1.021	14.800						
11/7/2016 10:15:00 AM	393300.000	121.595	19.129	273.904	40825.289	45981.949	30.087	31267.729
24.495	1.021	14.798						
11/7/2016 10:30:00 AM	394200.000	121.577	19.116	273.865	40828.098	45997.887	30.098	31278.564
24.493	1.021	14.798						
11/7/2016 10:45:00 AM	395100.000	121.565	19.111	273.836	40842.863	46018.680	30.113	31292.705
24.484	1.021	14.794						
11/7/2016 11:00:00 AM	396000.000	121.597	19.116	273.909	40836.645	46007.176	30.105	31284.879
24.488	1.021	14.795						
11/7/2016 11:15:00 AM	396900.000	121.589	19.124	273.892	40827.270	45988.672	30.092	31272.299
24.493	1.021	14.791						
11/7/2016 11:30:00 AM	397800.000	121.611	19.114	273.940	40808.289	45977.207	30.083	31264.504
24.505	1.021	14.785						
11/7/2016 11:45:00 AM	398700.000	121.617	19.109	273.953	40785.523	45956.570	30.068	31250.471
24.519	1.021	14.792						
11/7/2016 12:00:00 PM	399600.000	121.609	19.108	273.937	40802.344	45976.813	30.082	31264.234
24.508	1.021	14.787						
11/7/2016 12:15:00 PM	400500.000	121.652	19.111	274.033	40818.078	45991.172	30.093	31274.000
24.499	1.021	14.775						
11/7/2016 12:30:00 PM	401400.000	121.649	19.111	274.025	40824.406	45998.047	30.098	31278.674
24.495	1.021	14.768						
11/7/2016 12:45:00 PM	402300.000	121.660	19.109	274.051	40840.398	46017.797	30.112	31292.104
24.486	1.021	14.772						
11/7/2016 1:00:00 PM	403200.000	121.701	19.116	274.144	40835.520	46005.992	30.104	31284.074
24.488	1.021	14.771						
11/7/2016 1:15:00 PM	404100.000	121.691	19.119	274.122	40821.852	45987.918	30.091	31271.785
24.497	1.021	14.769						
11/7/2016 1:30:00 PM	405000.000	121.694	19.116	274.128	40838.457	46009.391	30.107	31286.389
24.487	1.021	14.773						
11/7/2016 1:45:00 PM	405900.000	121.737	19.125	274.226	40858.813	46023.332	30.117	31295.865
24.475	1.021	14.770						
11/7/2016 2:00:00 PM	406800.000	121.746	19.120	274.244	40802.031	45964.559	30.074	31255.900
24.509	1.021	14.765						
11/7/2016 2:15:00 PM	407700.000	121.756	19.118	274.267	40812.348	45977.809	30.084	31264.912
24.502	1.021	14.768						
11/7/2016 2:30:00 PM	408600.000	121.773	19.118	274.305	40821.871	45988.805	30.092	31272.389
24.497	1.021	14.770						
11/7/2016 2:45:00 PM	409500.000	121.775	19.123	274.309	40838.668	46002.711	30.102	31281.846
24.487	1.021	14.772						
11/7/2016 3:00:00 PM	410400.000	121.780	19.130	274.322	40813.512	45967.039	30.076	31257.588
24.502	1.021	14.772						
11/7/2016 3:15:00 PM	411300.000	121.770	19.122	274.298	40830.762	45994.070	30.096	31275.971
24.491	1.021	14.775						
11/7/2016 3:30:00 PM	412200.000	121.763	19.116	274.282	40821.707	45990.008	30.092	31273.207
24.497	1.021	14.777						
11/7/2016 3:45:00 PM	413100.000	121.771	19.116	274.302	40831.734	46001.727	30.101	31281.176
24.491	1.021	14.777						
11/7/2016 4:00:00 PM	414000.000	121.754	19.115	274.262	40814.766	45983.211	30.087	31268.586
24.501	1.021	14.779						
11/7/2016 4:15:00 PM	414900.000	121.780	19.118	274.322	40824.727	45992.020	30.094	31274.576
24.495	1.021	14.780						
11/7/2016 4:30:00 PM	415800.000	121.750	19.116	274.255	40819.027	45987.328	30.091	31271.385
24.498	1.021	14.777						
11/7/2016 4:45:00 PM	416700.000	121.737	19.117	274.225	40792.176	45955.773	30.068	31249.928
24.515	1.021	14.783						
11/7/2016 5:00:00 PM	417600.000	121.718	19.122	274.181	40833.402	45997.648	30.098	31278.402
24.490	1.021	14.786						
11/7/2016 5:15:00 PM	418500.000	121.699	19.113	274.139	40835.555	46008.879	30.106	31286.039
24.488	1.021	14.777						
11/7/2016 5:30:00 PM	419400.000	121.657	19.117	274.045	40812.543	45978.719	30.084	31265.531
24.502	1.021	14.786						
11/7/2016 5:45:00 PM	420300.000	121.646	19.121	274.018	40794.867	45955.445	30.067	31249.705
24.513	1.021	14.783						
11/7/2016 6:00:00 PM	421200.000	121.613	19.128	273.945	40819.715	45976.613	30.083	31264.100
24.498	1.021	14.790						
11/7/2016 6:15:00 PM	422100.000	121.583	19.131	273.877	40843.609	46000.508	30.101	31280.348
24.484	1.021	14.787						
11/7/2016 6:30:00 PM	423000.000	121.564	19.132	273.835	40871.449	46030.223	30.123	31300.553
24.467	1.021	14.780						
11/7/2016 6:45:00 PM	423900.000	121.526	19.136	273.749	40845.871	45997.355	30.099	31278.201
24.482	1.021	14.789						
11/7/2016 7:00:00 PM	424800.000	121.479	19.127	273.643	40804.172	45959.801	30.071	31252.666
24.507	1.021	14.792						
11/7/2016 7:15:00 PM	425700.000	121.447	19.116	273.571	40848.129	46020.379	30.115	31293.859
24.481	1.021	14.787						
11/7/2016 7:30:00 PM	426600.000	121.427	19.124	273.525	40838.457	46001.531	30.101	31281.043
24.487	1.021	14.790						
11/7/2016 7:45:00 PM	427500.000	121.398	19.109	273.461	40809.250	45983.305	30.087	31268.650
24.504	1.021	14.788						
11/7/2016 8:00:00 PM	428400.000	121.348	19.112	273.349	40846.664	46022.008	30.116	31294.965
24.482	1.021	14.787						
11/7/2016 8:15:00 PM	429300.000	121.331	19.112	273.309	40817.754	45990.207	30.092	31273.344
24.499	1.021	14.788						
11/7/2016 8:30:00 PM	430200.000	121.293	19.118	273.224	40837.539	46006.105	30.104	31284.152
24.487	1.021	14.784						
11/7/2016 8:45:00 PM	431100.000	121.282	19.109	273.199	40793.938	45965.969	30.075	31256.861
24.513	1.021	14.784						
11/7/2016 9:00:00 PM	432000.000	121.247	19.113	273.121	40821.363	45992.457	30.094	31274.871
24.497	1.021	14.783						
11/7/2016 9:15:00 PM	432900.000	121.222	19.110	273.065	40805.055	45977.633	30.083	31264.793
24.507	1.021	14.779						
11/7/2016 9:30:00 PM	433800.000	121.195	19.114	273.003	40818.184	45988.270	30.091	31272.023
24.499	1.021	14.783						
11/7/2016 9:45:00 PM	434700.000	121.195	19.109	273.003	40802.406	45974.988	30.081	31262.992

24.508	1.021	14.780						
11/7/2016 10:00:00 PM	435600.000	121.165	19.113	272.937	40799.992	45969.164	30.077	31259.033
24.510	1.021	14.779						
11/7/2016 10:15:00 PM	436500.000	121.168	19.112	272.943	40806.629	45976.980	30.083	31264.350
24.506	1.021	14.784						
11/7/2016 10:30:00 PM	437400.000	121.144	19.116	272.888	40822.977	45991.777	30.094	31274.410
24.496	1.021	14.784						
11/7/2016 10:45:00 PM	438300.000	121.144	19.134	272.889	40841.441	45994.797	30.097	31276.465
24.485	1.021	14.785						
11/7/2016 11:00:00 PM	439200.000	121.133	19.123	272.864	40839.113	46003.039	30.102	31282.068
24.486	1.021	14.780						
11/7/2016 11:15:00 PM	440100.000	121.145	19.109	272.891	40791.277	45963.398	30.073	31255.113
24.515	1.021	14.786						
11/7/2016 11:30:00 PM	441000.000	121.177	19.109	272.962	40812.754	45986.996	30.090	31271.160
24.502	1.021	14.779						
11/7/2016 11:45:00 PM	441900.000	121.175	19.113	272.958	40824.172	45995.891	30.097	31277.207
24.495	1.021	14.783						
11/8/2016 12:00:00 AM	442800.000	121.188	19.121	272.988	40822.168	45986.199	30.090	31270.617
24.496	1.021	14.776						
11/8/2016 12:15:00 AM	443700.000	121.204	19.111	273.025	40819.121	45992.781	30.094	31275.094
24.498	1.021	14.776						
11/8/2016 12:30:00 AM	444600.000	121.239	19.109	273.102	40835.125	46012.203	30.108	31288.299
24.489	1.021	14.773						
11/8/2016 12:45:00 AM	445500.000	121.270	19.111	273.173	40807.813	45979.188	30.084	31265.850
24.505	1.021	14.779						
11/8/2016 1:00:00 AM	446400.000	121.301	19.109	273.242	40843.379	46021.328	30.115	31294.506
24.484	1.021	14.776						
11/8/2016 1:15:00 AM	447300.000	121.321	19.112	273.288	40818.078	45990.570	30.093	31273.590
24.499	1.021	14.777						
11/8/2016 1:30:00 AM	448200.000	121.350	19.114	273.353	40794.551	45961.473	30.072	31253.801
24.513	1.021	14.781						
11/8/2016 1:45:00 AM	449100.000	121.390	19.119	273.442	40826.949	45993.309	30.095	31275.449
24.494	1.021	14.778						
11/8/2016 2:00:00 AM	450000.000	121.412	19.117	273.491	40828.582	45997.398	30.098	31278.232
24.493	1.021	14.778						
11/8/2016 2:15:00 AM	450900.000	121.485	19.131	273.656	40844.512	46001.355	30.101	31280.924
24.483	1.021	14.777						
11/8/2016 2:30:00 AM	451800.000	121.483	19.138	273.652	40838.820	45987.957	30.092	31271.813
24.487	1.021	14.773						
11/8/2016 2:45:00 AM	452700.000	121.537	19.138	273.773	40835.387	45984.090	30.089	31269.182
24.489	1.021	14.774						
11/8/2016 3:00:00 AM	453600.000	121.568	19.119	273.843	40851.270	46020.797	30.115	31294.145
24.479	1.021	14.772						
11/8/2016 3:15:00 AM	454500.000	121.599	19.112	273.913	40804.402	45975.086	30.081	31263.061
24.507	1.021	14.775						
11/8/2016 3:30:00 AM	455400.000	121.626	19.125	273.974	40851.332	46014.832	30.111	31290.086
24.479	1.021	14.773						
11/8/2016 3:45:00 AM	456300.000	121.660	19.120	274.052	40806.734	45969.410	30.078	31259.201
24.506	1.021	14.772						
11/8/2016 4:00:00 AM	457200.000	121.677	19.116	274.089	40812.918	45980.867	30.086	31266.992
24.502	1.021	14.774						
11/8/2016 4:15:00 AM	458100.000	121.693	19.116	274.125	40849.180	46021.637	30.116	31294.715
24.480	1.021	14.772						
11/8/2016 4:30:00 AM	459000.000	121.717	19.119	274.179	40832.488	45999.289	30.099	31279.518
24.490	1.021	14.775						
11/8/2016 4:45:00 AM	459900.000	121.755	19.122	274.264	40853.402	46019.664	30.114	31293.373
24.478	1.021	14.769						
11/8/2016 5:00:00 AM	460800.000	121.763	19.115	274.284	40835.637	46006.910	30.105	31284.701
24.488	1.021	14.773						
11/8/2016 5:15:00 AM	461700.000	121.768	19.119	274.294	40813.801	45978.586	30.084	31265.439
24.502	1.021	14.775						
11/8/2016 5:30:00 AM	462600.000	121.807	19.116	274.382	40854.215	46027.055	30.119	31298.398
24.477	1.021	14.778						
11/8/2016 5:45:00 AM	463500.000	121.780	19.119	274.322	40842.188	46010.738	30.108	31287.305
24.484	1.021	14.779						
11/8/2016 6:00:00 AM	464400.000	121.766	19.120	274.290	40804.945	45967.227	30.076	31257.717
24.507	1.021	14.782						
11/8/2016 6:15:00 AM	465300.000	121.785	19.129	274.332	40826.523	45982.902	30.088	31268.375
24.494	1.021	14.778						
11/8/2016 6:30:00 AM	466200.000	121.767	19.136	274.292	40851.824	46004.754	30.104	31283.234
24.479	1.021	14.777						
11/8/2016 6:45:00 AM	467100.000	121.777	19.114	274.314	40847.363	46021.230	30.115	31294.439
24.481	1.021	14.783						
11/8/2016 7:00:00 AM	468000.000	121.750	19.113	274.253	40823.406	45995.629	30.096	31277.029
24.496	1.021	14.791						
11/8/2016 7:15:00 AM	468900.000	121.748	19.120	274.249	40814.953	45979.113	30.085	31265.799
24.501	1.021	14.788						
11/8/2016 7:30:00 AM	469800.000	121.727	19.118	274.202	40826.734	45994.199	30.096	31276.059
24.494	1.021	14.788						
11/8/2016 7:45:00 AM	470700.000	121.717	19.115	274.179	40835.641	46007.164	30.105	31284.871
24.488	1.021	14.791						
11/8/2016 8:00:00 AM	471600.000	121.702	19.122	274.147	40818.637	45981.188	30.086	31267.209
24.499	1.021	14.800						
11/8/2016 8:15:00 AM	472500.000	121.669	19.131	274.071	40870.738	46030.641	30.123	31300.836
24.467	1.021	14.800						
11/8/2016 8:30:00 AM	473400.000	121.655	19.120	274.040	40841.762	46009.137	30.107	31286.215
24.485	1.021	14.806						
11/8/2016 8:45:00 AM	474300.000	121.662	19.114	274.055	40832.648	46004.227	30.103	31282.877
24.490	1.021	14.800						
11/8/2016 9:00:00 AM	475200.000	121.607	19.115	273.931	40844.953	46017.746	30.113	31292.070
24.483	1.021	14.807						
11/8/2016 9:15:00 AM	476100.000	121.605	19.111	273.927	40823.559	45997.348	30.098	31278.199
24.496	1.021	14.807						
11/8/2016 9:30:00 AM	477000.000	121.570	19.107	273.848	40807.605	45983.344	30.087	31268.676
24.505	1.021	14.806						
11/8/2016 9:45:00 AM	477900.000	121.569	19.114	273.846	40840.676	46013.531	30.110	31289.201
24.485	1.021	14.802						
11/8/2016 10:00:00 AM	478800.000	121.565	19.122	273.836	40821.977	45984.430	30.089	31269.412
24.497	1.021	14.800						
11/8/2016 10:15:00 AM	479700.000	121.536	19.122	273.773	40796.746	45956.355	30.068	31250.324
24.512	1.021	14.800						
11/8/2016 10:30:00 AM	480600.000	121.529	19.113	273.756	40826.086	45998.211	30.098	31278.783
24.494	1.021	14.801						
11/8/2016 10:45:00 AM	481500.000	121.522	19.121	273.739	40824.473	45988.707	30.092	31272.322
24.495	1.021	14.796						
11/8/2016 11:00:00 AM	482400.000	121.510	19.127	273.712	40818.863	45976.184	30.083	31263.805
24.498	1.021	14.797						
11/8/2016 11:15:00 AM	483300.000	121.520	19.136	273.735	40834.063	45984.578	30.089	31269.516
24.489	1.021	14.790						
11/8/2016 11:30:00 AM	484200.000	121.507	19.138	273.707	40843.488	45992.859	30.096	31275.146
24.484	1.021	14.788						
11/8/2016 11:45:00 AM	485100.000	121.517	19.114	273.728	40827.352	45998.262	30.098	31278.820
24.493	1.021	14.789						
11/8/2016 12:00:00 PM	486000.000	121.513	19.115	273.719	40830.629	46001.266	30.101	31280.863
24.491	1.021	14.781						
11/8/2016 12:15:00 PM	486900.000	121.528	19.110	273.753	40821.188	45996.066	30.097	31277.328
24.497	1.021	14.784						
11/8/2016 12:30:00 PM	487800.000	121.533	19.113	273.765	40809.148	45979.043	30.084	31265.750
24.504	1.021	14.780						
11/8/2016 12:45:00 PM	488700.000	121.541	19.111	273.782	40809.926	45981.988	30.086	31267.754
24.504	1.021	14.781						
11/8/2016 1:00:00 PM	489600.000	121.556	19.114	273.817	40804.887	45973.289	30.080	31261.838
24.507	1.021	14.780						
11/8/2016 1:15:00 PM	490500.000	121.569	19.116	273.846	40838.816	46009.965	30.107	31286.779
24.487	1.021	14.773						
11/8/2016 1:30:00 PM	491400.000	121.575	19.119	273.860	40816.949	45982.133	30.087	31267.854
24.500	1.021	14.776						
11/8/2016 1:45:00 PM	492300.000	121.605	19.117	273.926	40791.039	45954.492	30.067	31249.057
24.515	1.021	14.771						
11/8/2016 2:00:00 PM	493200.000	121.606	19.117	273.930	40851.332	46022.762	30.116	31295.480
24.479	1.021	14.775						
11/8/2016 2:15:00 PM	494100.000	121.646	19.123	274.019	40839.414	46003.555	30.103	31282.420
24.486	1.021	14.769						

11/8/2016 2:30:00 PM	495000.000	121.643	19.122	274.013	40832.422	45996.633	30.098	31277.711
24.490	1.021	14.769						
11/8/2016 2:45:00 PM	495900.000	121.643	19.119	274.013	40815.469	45979.949	30.085	31266.367
24.501	1.021	14.779						
11/8/2016 3:00:00 PM	496800.000	121.680	19.125	274.096	40812.543	45971.215	30.079	31260.428
24.502	1.021	14.776						
11/8/2016 3:15:00 PM	497700.000	121.696	19.125	274.133	40812.504	45971.344	30.079	31260.516
24.502	1.021	14.766						
11/8/2016 3:30:00 PM	498600.000	121.729	19.113	274.207	40802.547	45971.605	30.079	31260.693
24.508	1.021	14.767						
11/8/2016 3:45:00 PM	499500.000	121.726	19.117	274.201	40789.828	45953.305	30.066	31248.250
24.516	1.021	14.774						
11/8/2016 4:00:00 PM	500400.000	121.742	19.127	274.236	40830.441	45989.297	30.092	31272.725
24.492	1.021	14.767						
11/8/2016 4:15:00 PM	501300.000	121.749	19.117	274.253	40784.223	45947.156	30.061	31244.068
24.519	1.021	14.768						
11/8/2016 4:30:00 PM	502200.000	121.753	19.124	274.261	40836.965	45999.848	30.100	31279.898
24.488	1.021	14.771						
11/8/2016 4:45:00 PM	503100.000	121.738	19.122	274.227	40827.156	45990.613	30.093	31273.619
24.494	1.021	14.777						
11/8/2016 5:00:00 PM	504000.000	121.752	19.116	274.259	40831.098	46000.746	30.100	31280.510
24.491	1.021	14.771						
11/8/2016 5:15:00 PM	504900.000	121.738	19.118	274.226	40807.012	45971.715	30.079	31260.768
24.506	1.021	14.772						
11/8/2016 5:30:00 PM	505800.000	121.721	19.124	274.188	40842.020	46004.938	30.104	31283.359
24.485	1.021	14.769						
11/8/2016 5:45:00 PM	506700.000	121.762	19.116	274.280	40831.574	46001.125	30.101	31280.768
24.491	1.021	14.775						
11/8/2016 6:00:00 PM	507600.000	121.713	19.113	274.170	40826.281	45998.430	30.098	31278.932
24.494	1.021	14.777						
11/8/2016 6:15:00 PM	508500.000	121.688	19.123	274.115	40834.445	45997.441	30.098	31278.262
24.489	1.021	14.772						
11/8/2016 6:30:00 PM	509400.000	121.699	19.117	274.139	40822.887	45991.070	30.093	31273.930
24.496	1.021	14.777						
11/8/2016 6:45:00 PM	510300.000	121.674	19.129	274.083	40838.008	45995.488	30.097	31276.934
24.487	1.021	14.781						
11/8/2016 7:00:00 PM	511200.000	121.622	19.136	273.965	40838.027	45988.777	30.093	31272.371
24.487	1.021	14.781						
11/8/2016 7:15:00 PM	512100.000	121.607	19.120	273.931	40843.637	46011.246	30.108	31287.648
24.484	1.021	14.781						
11/8/2016 7:30:00 PM	513000.000	121.564	19.109	273.835	40788.855	45959.984	30.070	31252.791
24.517	1.021	14.784						
11/8/2016 7:45:00 PM	513900.000	121.525	19.111	273.748	40784.859	45953.406	30.066	31248.318
24.519	1.021	14.786						
11/8/2016 8:00:00 PM	514800.000	121.584	19.118	273.879	40817.652	45983.445	30.088	31268.744
24.499	1.021	14.786						
11/8/2016 8:15:00 PM	515700.000	121.415	19.111	273.500	40774.887	45942.250	30.057	31240.732
24.525	1.021	14.789						
11/8/2016 8:30:00 PM	516600.000	121.435	19.117	273.544	40824.742	45992.379	30.094	31274.820
24.495	1.021	14.785						
11/8/2016 8:45:00 PM	517500.000	121.364	19.120	273.384	40809.781	45972.676	30.080	31261.422
24.504	1.021	14.794						
11/8/2016 9:00:00 PM	518400.000	121.397	19.121	273.459	40829.352	45994.293	30.096	31276.121
24.492	1.021	14.789						
11/8/2016 9:15:00 PM	519300.000	121.345	19.119	273.342	40801.254	45964.453	30.074	31255.828
24.509	1.021	14.785						
11/8/2016 9:30:00 PM	520200.000	121.302	19.118	273.246	40806.188	45970.961	30.079	31260.256
24.506	1.021	14.792						
11/8/2016 9:45:00 PM	521100.000	121.241	19.119	273.108	40845.469	46013.914	30.110	31289.463
24.483	1.021	14.794						
11/8/2016 10:00:00 PM	522000.000	121.171	19.117	272.950	40833.910	46003.309	30.102	31282.252
24.489	1.021	14.797						
11/8/2016 10:15:00 PM	522900.000	121.199	19.128	273.013	40812.473	45967.688	30.077	31258.027
24.502	1.021	14.796						
11/8/2016 10:30:00 PM	523800.000	121.130	19.137	272.856	40829.594	45978.082	30.085	31265.096
24.492	1.021	14.796						
11/8/2016 10:45:00 PM	524700.000	121.209	19.138	273.036	40801.809	45945.680	30.061	31243.064
24.509	1.021	14.805						
11/8/2016 11:00:00 PM	525600.000	121.169	19.133	272.944	40850.285	46005.602	30.105	31283.811
24.480	1.021	14.799						
11/8/2016 11:15:00 PM	526500.000	121.104	19.124	272.799	40810.762	45969.813	30.078	31259.475
24.503	1.021	14.795						
11/8/2016 11:30:00 PM	527400.000	121.190	19.113	272.993	40802.629	45972.219	30.079	31261.109
24.508	1.021	14.791						
11/8/2016 11:45:00 PM	528300.000	121.169	19.117	272.945	40810.137	45976.707	30.083	31264.162
24.504	1.021	14.795						
11/9/2016 12:00:00 AM	529200.000	121.102	19.126	272.793	40808.637	45965.781	30.075	31256.734
24.505	1.021	14.784						
11/9/2016 12:15:00 AM	530100.000	121.124	19.122	272.843	40831.707	45995.645	30.097	31277.041
24.491	1.021	14.786						
11/9/2016 12:30:00 AM	531000.000	121.166	19.120	272.939	40808.246	45971.113	30.079	31260.359
24.505	1.021	14.789						
11/9/2016 12:45:00 AM	531900.000	121.192	19.119	272.998	40819.352	45984.324	30.088	31269.340
24.498	1.021	14.786						
11/9/2016 1:00:00 AM	532800.000	121.214	19.119	273.045	40800.988	45963.637	30.073	31255.275
24.509	1.021	14.781						
11/9/2016 1:15:00 AM	533700.000	121.170	19.117	272.948	40834.023	46003.262	30.102	31282.221
24.489	1.021	14.782						
11/9/2016 1:30:00 AM	534600.000	121.238	19.113	273.100	40822.781	45994.402	30.096	31276.195
24.496	1.021	14.779						
11/9/2016 1:45:00 AM	535500.000	121.317	19.116	273.279	40811.652	45978.836	30.084	31265.611
24.503	1.021	14.783						
11/9/2016 2:00:00 AM	536400.000	121.244	19.116	273.114	40809.863	45977.176	30.083	31264.482
24.504	1.021	14.782						
11/9/2016 2:15:00 AM	537300.000	121.281	19.115	273.197	40805.320	45972.836	30.080	31261.529
24.507	1.021	14.783						
11/9/2016 2:30:00 AM	538200.000	121.330	19.121	273.307	40824.133	45988.242	30.091	31272.008
24.495	1.021	14.781						
11/9/2016 2:45:00 AM	539100.000	121.490	19.122	273.668	40832.961	45996.637	30.098	31277.713
24.490	1.021	14.781						
11/9/2016 3:00:00 AM	540000.000	121.380	19.123	273.421	40822.938	45984.898	30.089	31269.732
24.496	1.021	14.781						
11/9/2016 3:15:00 AM	540900.000	121.418	19.125	273.506	40828.199	45989.113	30.092	31272.598
24.493	1.021	14.774						
11/9/2016 3:30:00 AM	541800.000	121.547	19.123	273.797	40835.402	45998.340	30.099	31278.873
24.489	1.021	14.774						
11/9/2016 3:45:00 AM	542700.000	121.663	19.124	274.058	40836.410	45999.391	30.100	31279.586
24.488	1.021	14.771						
11/9/2016 4:00:00 AM	543600.000	121.582	19.123	273.875	40843.379	46007.586	30.106	31285.160
24.484	1.021	14.772						
11/9/2016 4:15:00 AM	544500.000	121.604	19.120	273.925	40817.453	45982.008	30.087	31267.768
24.499	1.021	14.770						
11/9/2016 4:30:00 AM	545400.000	121.669	19.120	274.070	40796.188	45957.973	30.069	31251.424
24.512	1.021	14.766						
11/9/2016 4:45:00 AM	546300.000	121.786	19.121	274.334	40809.324	45971.137	30.079	31260.375
24.504	1.021	14.767						
11/9/2016 5:00:00 AM	547200.000	121.804	19.122	274.376	40815.781	45977.543	30.084	31264.732
24.500	1.021	14.771						
11/9/2016 5:15:00 AM	548100.000	121.799	19.121	274.365	40837.348	46003.129	30.102	31282.131
24.487	1.021	14.776						
11/9/2016 5:30:00 AM	549000.000	121.792	19.120	274.349	40836.410	46002.941	30.102	31282.002
24.488	1.021	14.764						
11/9/2016 5:45:00 AM	549900.000	121.724	19.128	274.195	40819.180	45975.242	30.082	31263.166
24.498	1.021	14.772						
11/9/2016 6:00:00 AM	550800.000	121.895	19.134	274.580	40849.941	46004.535	30.104	31283.084
24.480	1.021	14.764						
11/9/2016 6:15:00 AM	551700.000	121.803	19.123	274.373	40836.836	46000.648	30.101	31280.443
24.488	1.021	14.772						
11/9/2016 6:30:00 AM	552600.000	121.761	19.126	274.278	40786.379	45940.711	30.057	31239.686
24.518	1.021	14.771						
11/9/2016 6:45:00 AM	553500.000	121.807	19.122	274.383	40824.797	45987.953	30.091	31271.811
24.495	1.021	14.775						
11/9/2016 7:00:00 AM	554400.000	121.887	19.131	274.562	40804.793	45956.367	30.069	31250.332

24.507	1.021	14.770						
11/9/2016 7:15:00 AM	555300.000	121.745	19.123	274.243	40848.582	46013.629	30.110	31289.268
24.481	1.021	14.781						
11/9/2016 7:30:00 AM	556200.000	121.733	19.120	274.215	40829.594	45995.516	30.097	31276.953
24.492	1.021	14.775						
11/9/2016 7:45:00 AM	557100.000	121.793	19.120	274.350	40826.309	45991.816	30.094	31274.438
24.494	1.021	14.781						
11/9/2016 8:00:00 AM	558000.000	121.684	19.113	274.105	40812.684	45983.027	30.087	31268.461
24.502	1.021	14.776						
11/9/2016 8:15:00 AM	558900.000	121.659	19.121	274.048	40804.820	45966.750	30.076	31257.393
24.507	1.021	14.781						
11/9/2016 8:30:00 AM	559800.000	121.691	19.127	274.121	40800.887	45955.754	30.068	31249.914
24.509	1.021	14.784						
11/9/2016 8:45:00 AM	560700.000	121.634	19.129	273.993	40835.383	45993.316	30.095	31275.457
24.489	1.021	14.777						
11/9/2016 9:00:00 AM	561600.000	121.577	19.116	273.863	40804.977	45971.160	30.079	31260.389
24.507	1.021	14.769						
11/9/2016 9:15:00 AM	562500.000	121.566	19.117	273.840	40803.938	45969.277	30.077	31259.111
24.507	1.021	14.773						
11/9/2016 9:30:00 AM	563400.000	121.609	19.121	273.936	40819.934	45983.340	30.088	31268.674
24.498	1.021	14.772						
11/9/2016 9:45:00 AM	564300.000	121.508	19.114	273.708	40830.355	46002.324	30.101	31281.582
24.492	1.021	14.770						
11/9/2016 10:00:00 AM	565200.000	121.515	19.118	273.724	40821.613	45987.824	30.091	31271.723
24.497	1.021	14.765						
11/9/2016 10:15:00 AM	566100.000	121.505	19.111	273.701	40788.738	45957.859	30.069	31251.344
24.517	1.021	14.766						
11/9/2016 10:30:00 AM	567000.000	121.439	19.112	273.553	40805.133	45975.211	30.082	31263.145
24.507	1.021	14.767						
11/9/2016 10:45:00 AM	567900.000	121.558	19.109	273.822	40784.395	45955.043	30.067	31249.432
24.519	1.021	14.768						
11/9/2016 11:00:00 AM	568800.000	121.422	19.112	273.514	40786.496	45955.070	30.067	31249.449
24.518	1.021	14.760						
11/9/2016 11:15:00 AM	569700.000	121.368	19.114	273.394	40837.430	46009.953	30.107	31286.770
24.487	1.021	14.753						
11/9/2016 11:30:00 AM	570600.000	121.372	19.116	273.402	40790.441	45954.785	30.067	31249.256
24.516	1.021	14.754						
11/9/2016 11:45:00 AM	571500.000	121.345	19.123	273.341	40819.391	45980.566	30.086	31266.787
24.498	1.021	14.754						
11/9/2016 12:00:00 PM	572400.000	121.355	19.117	273.364	40818.137	45985.199	30.089	31269.938
24.499	1.021	14.748						
11/9/2016 12:15:00 PM	573300.000	121.396	19.118	273.457	40833.660	46001.820	30.101	31281.240
24.490	1.021	14.738						
11/9/2016 12:30:00 PM	574200.000	121.397	19.116	273.458	40776.934	45939.988	30.056	31239.193
24.524	1.021	14.734						
11/9/2016 12:45:00 PM	575100.000	121.337	19.125	273.324	40849.031	46012.316	30.109	31288.375
24.480	1.021	14.740						
11/9/2016 1:00:00 PM	576000.000	121.437	19.110	273.548	40804.816	45977.520	30.083	31264.715
24.507	1.021	14.741						
11/9/2016 1:15:00 PM	576900.000	121.380	19.106	273.419	40780.613	45954.316	30.066	31248.938
24.521	1.021	14.738						
11/9/2016 1:30:00 PM	577800.000	121.398	19.109	273.462	40808.902	45982.746	30.087	31268.270
24.504	1.021	14.737						
11/9/2016 1:45:00 PM	578700.000	121.437	19.133	273.549	40838.176	45992.047	30.095	31274.594
24.487	1.021	14.738						
11/9/2016 2:00:00 PM	579600.000	121.380	19.128	273.420	40824.648	45981.566	30.087	31267.465
24.495	1.021	14.729						
11/9/2016 2:15:00 PM	580500.000	121.412	19.115	273.492	40805.340	45972.859	30.080	31261.547
24.507	1.021	14.730						
11/9/2016 2:30:00 PM	581400.000	121.597	19.124	273.909	40808.684	45967.387	30.076	31257.826
24.505	1.021	14.734						
11/9/2016 2:45:00 PM	582300.000	121.481	19.120	273.648	40795.969	45957.383	30.069	31251.021
24.512	1.021	14.734						
11/9/2016 3:00:00 PM	583200.000	121.631	19.119	273.985	40810.059	45974.277	30.081	31262.510
24.504	1.021	14.734						
11/9/2016 3:15:00 PM	584100.000	121.574	19.123	273.858	40821.727	45983.453	30.088	31268.750
24.497	1.021	14.737						
11/9/2016 3:30:00 PM	585000.000	121.563	19.116	273.832	40812.832	45980.008	30.085	31266.406
24.502	1.021	14.729						
11/9/2016 3:45:00 PM	585900.000	121.539	19.122	273.779	40826.453	45990.082	30.093	31273.258
24.494	1.021	14.731						
11/9/2016 4:00:00 PM	586800.000	121.600	19.113	273.917	40815.996	45986.586	30.090	31270.879
24.500	1.021	14.734						
11/9/2016 4:15:00 PM	587700.000	121.653	19.117	274.036	40833.699	46003.164	30.102	31282.154
24.490	1.021	14.728						
11/9/2016 4:30:00 PM	588600.000	121.704	19.117	274.149	40808.445	45974.102	30.081	31262.391
24.505	1.021	14.728						
11/9/2016 4:45:00 PM	589500.000	121.671	19.118	274.076	40831.484	45999.367	30.099	31279.572
24.491	1.021	14.721						
11/9/2016 5:00:00 PM	590400.000	121.665	19.125	274.061	40810.789	45968.637	30.077	31258.674
24.503	1.021	14.731						
11/9/2016 5:15:00 PM	591300.000	121.736	19.129	274.222	40834.422	45991.539	30.094	31274.248
24.489	1.021	14.729						
11/9/2016 5:30:00 PM	592200.000	121.708	19.122	274.160	40840.375	46005.152	30.104	31283.504
24.486	1.021	14.735						
11/9/2016 5:45:00 PM	593100.000	121.707	19.121	274.157	40813.523	45976.195	30.083	31263.814
24.502	1.021	14.728						
11/9/2016 6:00:00 PM	594000.000	121.667	19.120	274.067	40810.172	45973.727	30.081	31262.137
24.504	1.021	14.738						
11/9/2016 6:15:00 PM	594900.000	121.755	19.114	274.265	40828.598	46000.527	30.100	31280.361
24.493	1.021	14.731						
11/9/2016 6:30:00 PM	595800.000	121.672	19.118	274.078	40807.914	45972.391	30.080	31261.229
24.505	1.021	14.739						
11/9/2016 6:45:00 PM	596700.000	121.664	19.112	274.059	40820.184	45992.602	30.094	31274.971
24.498	1.021	14.732						
11/9/2016 7:00:00 PM	597600.000	121.615	19.120	273.949	40833.039	45998.875	30.099	31279.236
24.490	1.021	14.736						
11/9/2016 7:15:00 PM	598500.000	121.722	19.128	274.190	40843.188	46002.715	30.102	31281.848
24.484	1.021	14.736						
11/9/2016 7:30:00 PM	599400.000	121.731	19.125	274.210	40811.402	45969.410	30.078	31259.201
24.503	1.021	14.733						
11/9/2016 7:45:00 PM	600300.000	121.654	19.116	274.037	40823.695	45992.066	30.094	31274.607
24.496	1.021	14.737						
11/9/2016 8:00:00 PM	601200.000	121.555	19.108	273.815	40787.023	45959.211	30.070	31252.266
24.518	1.021	14.737						
11/9/2016 8:15:00 PM	602100.000	121.549	19.119	273.801	40842.098	46010.637	30.108	31287.232
24.485	1.021	14.740						
11/9/2016 8:30:00 PM	603000.000	121.498	19.115	273.660	40809.871	45978.219	30.084	31265.189
24.504	1.021	14.736						
11/9/2016 8:45:00 PM	603900.000	121.456	19.110	273.591	40797.934	45969.254	30.077	31259.096
24.511	1.021	14.741						
11/9/2016 9:00:00 PM	604800.000	121.417	19.110	273.505	40810.469	45983.645	30.088	31268.881
24.504	1.021	14.743						
11/9/2016 9:15:00 PM	605700.000	121.397	19.110	273.460	40793.750	45965.152	30.074	31256.307
24.514	1.021	14.745						
11/9/2016 9:30:00 PM	606600.000	121.370	19.114	273.398	40797.387	45965.363	30.074	31256.449
24.511	1.021	14.744						
11/9/2016 9:45:00 PM	607500.000	121.463	19.115	273.607	40791.922	45958.082	30.069	31251.498
24.515	1.021	14.740						
11/9/2016 10:00:00 PM	608400.000	121.291	19.109	273.219	40813.000	45987.621	30.090	31271.584
24.502	1.021	14.743						
11/9/2016 10:15:00 PM	609300.000	121.261	19.115	273.153	40804.125	45971.141	30.079	31260.375
24.507	1.021	14.746						
11/9/2016 10:30:00 PM	610200.000	121.234	19.122	273.092	40823.910	45986.441	30.090	31270.783
24.495	1.021	14.742						
11/9/2016 10:45:00 PM	611100.000	121.199	19.114	273.013	40796.594	45964.121	30.074	31255.605
24.512	1.021	14.740						
11/9/2016 11:00:00 PM	612000.000	121.171	19.108	272.950	40784.254	45956.090	30.067	31250.143
24.519	1.021	14.742						
11/9/2016 11:15:00 PM	612900.000	121.198	19.109	273.011	40804.105	45977.426	30.083	31264.652
24.507	1.021	14.738						
11/9/2016 11:30:00 PM	613800.000	121.137	19.119	272.873	40788.527	45950.207	30.064	31246.141
24.517	1.021	14.739						

11/9/2016 11:45:00 PM	614700.000	121.129	19.112	272.855	40782.258	45950.293	30.063	31246.201
24.520	1.021	14.741						

Report Date: 11/14/2016 8:30:05 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-1M Pre Test_2016-11-10_09-53-38-913.wsl
Create Date: 11/10/2016 9:51:26 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-1M
Device Name:
Serial Number: 395424
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 9
Used Battery(%): 2

Log Configuration
Log Name: MPWSP MW-1M Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/13/2015 3:11:41 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 3:15:00 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: 156.688 (ft)
Head Pressure: 69.5587 (PSI)
Temperature: 16.7733 (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 3:11:52 PM	Used Battery: 2% Used Memory: 12% User Name: nreynolds
3/20/2015 5:51:57 PM	Log Download - Used Battery: 2% Used Memory: 12% User Name: GSSI
3/27/2015 10:00:19 AM	Log Download - Used Battery: 2% Used Memory: 14% User Name: GSSI
4/3/2015 12:22:31 PM	Log Download - Used Battery: 3% Used Memory: 14% User Name: ECrowWillard
4/10/2015 8:22:39 AM	Log Download - Used Battery: 3% Used Memory: 15% User Name: ECrowWillard
4/17/2015 2:08:04 PM	Log Download - Used Battery: 4% Used Memory: 15% User Name: AKieta
4/24/2015 9:58:42 AM	Log Download - Used Battery: 4% Used Memory: 17% User Name: ECrowWillard
4/30/2015 11:43:37 AM	Log Download - Used Battery: 4% Used Memory: 17% User Name: GSSI
5/7/2015 11:24:52 AM	Log Download - Used Battery: 5% Used Memory: 18% User Name: ECrowWillard Interval - Start Time: 4/30/2015 11:30:00 AM
5/14/2015 10:26:44 AM	Log Download - Used Battery: 5% Used Memory: 18% User Name: BDuarte
5/21/2015 10:35:46 AM	Log Download - Used Battery: 5% Used Memory: 20% User Name: CShaw
5/28/2015 9:52:29 AM	Log Download - Used Battery: 6% Used Memory: 20% User Name: ECrowWillard Interval - Start Time: 5/7/2015 11:15:00 AM
6/4/2015 10:37:27 AM	Log Download - Used Battery: 6% Used Memory: 21% User Name: BDuarte
6/11/2015 10:55:44 AM	Log Download - Used Battery: 7% Used Memory: 21% User Name: BDuarte Interval - Start Time: 6/4/2015 10:30:00 AM
6/18/2015 8:13:22 AM	Log Download - Used Battery: 7% Used Memory: 23% User Name: CShaw
6/25/2015 8:06:01 AM	Log Download - Used Battery: 7% Used Memory: 23% User Name: BDuarte Interval - Start Time: 6/11/2015 10:45:00 AM
7/2/2015 8:41:38 AM	Log Download - Used Battery: 8% Used Memory: 25% User Name: CShaw
7/9/2015 8:06:33 AM	Log Download - Used Battery: 8% Used Memory: 25% User Name: BDuarte
7/16/2015 8:24:56 AM	Log Download - Used Battery: 8% Used Memory: 26% User Name: CShaw
7/23/2015 3:41:50 PM	Log Download - Used Battery: 9% Used Memory: 26% User Name: KMakar
7/30/2015 9:50:35 AM	Log Download - Used Battery: 9% Used Memory: 28% User Name: BDuarte Interval - Start Time: 7/9/2015 8:00:00 AM
8/6/2015 2:33:15 PM	Log Download - Used Battery: 9% Used Memory: 28% 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 12:48:17 PM	Log Download - Used Battery: 10% Used Memory: 29% User Name: KMakar Interval - Start Time: 7/23/2015 3:30:00 PM
8/20/2015 10:00:30 AM	Log Download - Used Battery: 10% Used Memory: 29% User Name: BDuarte Interval - Start Time: 7/30/2015 9:45:00 AM
8/27/2015 10:19:59 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM
9/3/2015 9:02:42 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 5:30:00 PM
9/3/2015 9:05:41 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 5:30:00 PM
9/10/2015 10:55:09 AM	Log Download - Used Battery: 11% Used Memory: 32% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:00:00 AM
9/17/2015 10:25:08 AM	Log Download - Used Battery: 12% Used Memory: 34% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:30:00 AM
9/24/2015 8:53:07 AM	Log Download - Used Battery: 12% Used Memory: 34% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 7:40:00 PM
10/1/2015 1:40:00 PM	Log Download - Used Battery: 12% Used Memory: 35% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:45:00 PM
10/8/2015 9:15:09 AM	Log Download - Used Battery: 13% Used Memory: 35% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 10/8/2015 8:45:00 PM
10/15/2015 12:40:53 PM	Log Download - Used Battery: 13% Used Memory: 37% User Name: KMakar

Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 12:45:00 PM
10/22/2015 11:42:28 AM Log Download - Used Battery: 13% Used Memory: 37% User Name: CShaw
Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:30:00 PM
10/29/2015 2:38:58 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar
Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:45:00 PM
11/5/2015 1:36:34 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar
Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 1:45:00 PM
11/12/2015 9:28:41 AM Log Download - Used Battery: 15% Used Memory: 40% User Name: CShaw
Interval - Start Time: 10/12/2015 3:05:00 PM Stop Time: 11/12/2015 6:00:00 PM
11/19/2015 2:48:35 PM Log Download - Used Battery: 15% Used Memory: 40% User Name: KMakar
Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:45:00 PM
11/29/2015 9:07:43 AM Log Download - Used Battery: 15% Used Memory: 42% User Name: CShaw
Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 9:00:00 AM
12/3/2015 10:38:28 AM Log Download - Used Battery: 16% Used Memory: 42% 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 8:46:06 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: CShaw
Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 8:45:00 AM
12/17/2015 11:05:36 AM Log Download - Used Battery: 16% Used Memory: 43% 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 9:53:52 AM Log Download - Used Battery: 17% Used Memory: 46% 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 10:08:55 AM Log Download - Used Battery: 17% Used Memory: 46% 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 8:22:00 AM Log Download - Used Battery: 18% Used Memory: 46% 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 11:35:20 AM Log Download - Used Battery: 18% Used Memory: 48% 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 1:41:34 PM Log Download - Used Battery: 18% Used Memory: 48% 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 9:12:58 AM Log Download - Used Battery: 19% Used Memory: 50% 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 9:05:46 AM Log Download - Used Battery: 19% Used Memory: 51% 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 8:55:44 AM Log Download - Used Battery: 20% Used Memory: 51% 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 11:52:16 AM Log Download - Used Battery: 20% Used Memory: 53% 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 8:43:03 AM Log Download - Used Battery: 20% Used Memory: 53% User Name: SKuiper
Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 8:45:00 AM
3/10/2016 8:30:57 AM Log Download - Used Battery: 21% Used Memory: 54% 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 5:46:25 PM Log Download - Used Battery: 21% Used Memory: 54% 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 12:15:30 PM Log Download - Used Battery: 21% Used Memory: 56% 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 10:55:06 AM Log Download - Used Battery: 22% Used Memory: 56% User Name: SKuiper
Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 10:45:00 AM
4/7/2016 11:56:20 AM Log Download - Used Battery: 22% Used Memory: 57% User Name: KMakar
Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 11:45:00 AM
4/14/2016 1:17:14 PM Log Download - Used Battery: 22% Used Memory: 57% User Name: SKuiper
Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 2:00:00 PM
4/21/2016 10:27:16 AM Log Download - Used Battery: 23% Used Memory: 59% User Name: ELinden
Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:15:00 AM
4/28/2016 11:00:59 AM Log Download - Used Battery: 23% Used Memory: 59% 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 12:34:04 PM Log Download - Used Battery: 24% Used Memory: 60% 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 3:55:59 PM Log Download - Used Battery: 24% Used Memory: 60% 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 4:26:51 PM Log Download - Used Battery: 24% Used Memory: 62% User Name: ELinden
Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:15:00 PM
5/26/2016 2:15:18 PM Log Download - Used Battery: 25% Used Memory: 62% 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 2:23:30 PM Log Download - Used Battery: 25% Used Memory: 64% User Name: SKuiper
Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 3:15:00 PM

Log Data:
Record Count: 723
Sensors: 1
1 - 395424: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft		
Elapsed Time	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424
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)			
11/3/2016 12:00:00 AM	7200.000	67.625	15.484	152.332	40198.035	49127.602
32.167	33.407	24.877	1.024			
11/3/2016 12:15:00 AM	8100.000	67.632	15.484	152.348	40216.664	49149.871
32.184	33.422	24.865	1.024			
11/3/2016 12:30:00 AM	9000.000	67.632	15.485	152.347	40276.934	49222.004
32.237	33.471	24.828	1.024			
11/3/2016 12:45:00 AM	9900.000	67.635	15.486	152.355	40214.254	49145.094
32.180	33.419	24.867	1.024			
11/3/2016 1:00:00 AM	10800.000	67.637	15.485	152.359	40243.785	49182.008
32.207	33.444	24.849	1.024			
11/3/2016 1:15:00 AM	11700.000	67.642	15.485	152.369	40262.680	49205.098
32.224	33.459	24.837				

1.024
11/3/2016 1:30:00 AM 12600.000 67.641 15.485
152.368 40259.633 49200.973
32.221 33.457 24.839
1.024
11/3/2016 1:45:00 AM 13500.000 67.640 15.484
152.366 40256.969 49198.820
32.220 33.455 24.840
1.024
11/3/2016 2:00:00 AM 14400.000 67.646 15.485
152.379 40211.926 49143.273
32.179 33.417 24.868
1.024
11/3/2016 2:15:00 AM 15300.000 67.667 15.485
152.428 40241.746 49179.113
32.205 33.442 24.850
1.024
11/3/2016 2:30:00 AM 16200.000 67.662 15.485
152.415 40266.176 49209.660
32.227 33.463 24.835
1.024
11/3/2016 2:45:00 AM 17100.000 67.656 15.484
152.401 40242.684 49181.172
32.207 33.443 24.849
1.024
11/3/2016 3:00:00 AM 18000.000 67.660 15.484
152.411 40204.289 49134.336
32.172 33.411 24.873
1.024
11/3/2016 3:15:00 AM 18900.000 67.661 15.484
152.413 40211.883 49144.027
32.179 33.418 24.868
1.024
11/3/2016 3:30:00 AM 19800.000 67.668 15.484
152.428 40226.633 49162.355
32.193 33.430 24.859
1.024
11/3/2016 3:45:00 AM 20700.000 67.658 15.484
152.407 40215.074 49148.328
32.183 33.421 24.866
1.024
11/3/2016 4:00:00 AM 21600.000 67.660 15.484
152.411 40218.371 49152.148
32.185 33.423 24.864
1.024
11/3/2016 4:15:00 AM 22500.000 67.659 15.484
152.408 40283.172 49231.344
32.243 33.477 24.824
1.024
11/3/2016 4:30:00 AM 23400.000 67.667 15.484
152.426 40257.660 49200.469
32.221 33.456 24.840
1.024
11/3/2016 4:45:00 AM 24300.000 67.657 15.485
152.405 40189.633 49116.230
32.159 33.399 24.882
1.024

11/3/2016 5:00:00 AM 25200.000 67.659 15.483
152.409 40242.227 49182.125
32.207 33.444 24.850
1.024
11/3/2016 5:15:00 AM 26100.000 67.653 15.483
152.395 40229.598 49166.691
32.196 33.433 24.857
1.024
11/3/2016 5:30:00 AM 27000.000 67.650 15.483
152.388 40253.563 49195.672
32.217 33.453 24.843
1.024
11/3/2016 5:45:00 AM 27900.000 67.650 15.482
152.388 40205.844 49138.668
32.175 33.414 24.872
1.024
11/3/2016 6:00:00 AM 28800.000 67.646 15.482
152.379 40231.746 49170.125
32.198 33.436 24.856
1.024
11/3/2016 6:15:00 AM 29700.000 67.664 15.484
152.421 40244.777 49184.531
32.209 33.445 24.848
1.024
11/3/2016 6:30:00 AM 30600.000 67.632 15.483
152.347 40190.289 49118.648
32.161 33.401 24.882
1.024
11/3/2016 6:45:00 AM 31500.000 67.642 15.483
152.369 40244.410 49184.586
32.209 33.446 24.848
1.024
11/3/2016 7:00:00 AM 32400.000 67.643 15.484
152.373 40247.535 49187.793
32.211 33.448 24.846
1.024
11/3/2016 7:15:00 AM 33300.000 67.670 15.483
152.432 40252.426 49194.691
32.216 33.452 24.843
1.024
11/3/2016 7:30:00 AM 34200.000 67.678 15.483
152.451 40219.332 49154.434
32.187 33.425 24.864
1.024
11/3/2016 7:45:00 AM 35100.000 67.680 15.483
152.456 40228.934 49165.672
32.195 33.433 24.858
1.024
11/3/2016 8:00:00 AM 36000.000 67.691 15.483
152.481 40222.145 49157.871
32.189 33.427 24.862
1.024
11/3/2016 8:15:00 AM 36900.000 67.690 15.482
152.478 40174.051 49099.609
32.147 33.388 24.892
1.024
11/3/2016 8:30:00 AM 37800.000 67.699 15.482

152.498 40202.180 49134.598
32.172 33.412 24.874
1.024
11/3/2016 8:45:00 AM 38700.000 67.698 15.483
152.497 40216.625 49151.238
32.185 33.423 24.865
1.024
11/3/2016 9:00:00 AM 39600.000 67.711 15.482
152.525 40198.813 49130.281
32.169 33.409 24.876
1.024
11/3/2016 9:15:00 AM 40500.000 67.725 15.483
152.558 40246.641 49187.922
32.211 33.448 24.847
1.024
11/3/2016 9:30:00 AM 41400.000 67.729 15.482
152.566 40206.215 49139.734
32.176 33.415 24.872
1.024
11/3/2016 9:45:00 AM 42300.000 67.728 15.481
152.564 40211.734 49146.891
32.181 33.420 24.868
1.024
11/3/2016 10:00:00 AM 43200.000 67.736
15.480 152.583 40204.254
49139.156 32.176 33.415
24.873 1.024
11/3/2016 10:15:00 AM 44100.000 67.740
15.480 152.592 40220.926
49159.531 32.191 33.428
24.863 1.024
11/3/2016 10:30:00 AM 45000.000 67.755
15.481 152.626 40143.152
49063.871 32.121 33.363
24.911 1.024
11/3/2016 10:45:00 AM 45900.000 67.750
15.479 152.613 40240.586
49184.367 32.209 33.445
24.851 1.024
11/3/2016 11:00:00 AM 46800.000 67.753
15.480 152.620 40187.918
49119.602 32.161 33.401
24.883 1.024
11/3/2016 11:15:00 AM 47700.000 67.754
15.479 152.622 40240.082
49184.777 32.209 33.446
24.851 1.024
11/3/2016 11:30:00 AM 48600.000 67.758
15.479 152.631 40186.625
49118.625 32.161 33.401
24.884 1.024
11/3/2016 11:45:00 AM 49500.000 67.757
15.478 152.630 40219.473
49160.699 32.191 33.429
24.864 1.024
11/3/2016 12:00:00 PM 50400.000 67.772
15.476 152.662 40196.398

49133.801 32.171 33.411
24.878 1.024
11/3/2016 12:15:00 PM 51300.000 67.774
15.477 152.668 40158.230
49086.539 32.137 33.379
24.901 1.024
11/3/2016 12:30:00 PM 52200.000 67.781
15.475 152.683 40173.285
49107.066 32.152 33.393
24.892 1.024
11/3/2016 12:45:00 PM 53100.000 67.791
15.476 152.706 40176.398
49110.367 32.154 33.395
24.890 1.024
11/3/2016 1:00:00 PM 54000.000 67.793 15.475
152.711 40167.578 49100.199
32.147 33.388 24.896
1.024
11/3/2016 1:15:00 PM 54900.000 67.802 15.474
152.732 40208.809 49151.707
32.184 33.423 24.870
1.024
11/3/2016 1:30:00 PM 55800.000 67.801 15.474
152.728 40151.180 49081.777
32.133 33.376 24.906
1.024
11/3/2016 1:45:00 PM 56700.000 67.809 15.473
152.746 40197.289 49138.645
32.175 33.414 24.877
1.024
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15.357 154.391 38367.324
47029.395 30.632 31.980
26.064 1.023
11/9/2016 10:45:00 PM 611100.000 68.535
15.357 154.383 38347.605
47004.738 30.614 31.963
26.077 1.023
11/9/2016 11:00:00 PM 612000.000 68.521
15.358 154.350 38352.094
47009.457 30.618 31.966
26.074 1.023
11/9/2016 11:15:00 PM 612900.000 68.518
15.358 154.343 38368.434
47029.586 30.632 31.980
26.063 1.023
11/9/2016 11:30:00 PM 613800.000 68.485
15.359 154.269 38361.422
47019.723 30.625 31.973
26.068 1.023
11/9/2016 11:45:00 PM 614700.000 68.487
15.360 154.275 38378.008

47039.473 30.640 31.987
26.057 1.023

Report Date: 11/14/2016 8:30:10 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1S LT Test_2016-11-10_10-47-20-560.wsl
Create Date: 11/10/2016 10:47:18 AM

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

Log Configuration
Log Name: MPWSP MW-1S LT Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/27/2015 10:02:35 AM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/27/2015 10:45:00 AM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: -0.0405503 (ft)
Head Pressure: -0.0180016 (PSI)
Temperature: 22.3238 (C)

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

TDS Factor: 0.68

Log Notes:

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

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

Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:15:00 AM
11/10/2016 10:45:56 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper
Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM

Log Data:
Record Count: 727
Sensors: 1
1 - 421436: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/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
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)				
11/3/2016 12:00:00 AM	7200.000	19.016		14.671
42.835		40950.523		51015.363
33.484		34690.453		24.420
1.025				
11/3/2016 12:15:00 AM	8100.000	19.011		14.671
42.825		40945.434		51008.910
33.479		34686.063		24.423
1.025				
11/3/2016 12:30:00 AM	9000.000	19.003		14.671
42.805		40974.344		51044.289
33.505		34710.117		24.406
1.025				
11/3/2016 12:45:00 AM	9900.000	19.005		14.671
42.810		40971.902		51041.445
33.503		34708.188		24.407
1.025				
11/3/2016 1:00:00 AM	10800.000	18.998		14.672
42.796		40976.000		51045.922
33.507		34711.227		24.405
1.025				
11/3/2016 1:15:00 AM	11700.000	18.996		14.672
42.790		40957.188		51022.488
33.489		34695.293		24.416
1.025				
11/3/2016 1:30:00 AM	12600.000	18.988		14.672
42.772		40956.152		51020.883
33.488		34694.203		24.416
1.025				

11/3/2016 1:45:00 AM	13500.000	18.990	14.673
42.778	40981.199	51050.668	
33.510	34714.453	24.401	
1.025			
11/3/2016 2:00:00 AM	14400.000	18.986	14.672
42.769	40994.367	51068.148	
33.523	34726.340	24.394	
1.025			
11/3/2016 2:15:00 AM	15300.000	19.011	14.671
42.825	40947.063	51010.504	
33.481	34687.145	24.422	
1.025			
11/3/2016 2:30:00 AM	16200.000	18.983	14.673
42.761	40962.035	51026.793	
33.493	34698.219	24.413	
1.025			
11/3/2016 2:45:00 AM	17100.000	18.996	14.674
42.789	40982.895	51051.488	
33.511	34715.012	24.400	
1.025			
11/3/2016 3:00:00 AM	18000.000	18.993	14.673
42.783	40959.629	51023.465	
33.490	34695.957	24.414	
1.025			
11/3/2016 3:15:00 AM	18900.000	18.995	14.674
42.787	40971.059	51037.387	
33.501	34705.426	24.407	
1.025			
11/3/2016 3:30:00 AM	19800.000	18.990	14.673
42.778	40966.391	51031.785	
33.496	34701.613	24.410	
1.025			
11/3/2016 3:45:00 AM	20700.000	18.991	14.674
42.779	40943.336	51002.430	
33.475	34681.656	24.424	
1.025			
11/3/2016 4:00:00 AM	21600.000	18.993	14.674
42.783	40977.863	51045.863	
33.507	34711.188	24.403	
1.025			
11/3/2016 4:15:00 AM	22500.000	18.990	14.673
42.777	40967.422	51033.832	
33.498	34703.012	24.410	
1.025			
11/3/2016 4:30:00 AM	23400.000	18.993	14.674
42.783	40965.980	51031.063	
33.496	34701.121	24.410	
1.025			
11/3/2016 4:45:00 AM	24300.000	18.990	14.674
42.778	40973.504	51040.227	
33.503	34707.355	24.406	
1.025			
11/3/2016 5:00:00 AM	25200.000	18.992	14.674
42.782	40962.988	51027.230	
33.493	34698.516	24.412	
1.025			
11/3/2016 5:15:00 AM	26100.000	18.989	14.674

42.774 40959.504 51023.102
33.490 34695.715 24.414
1.025
11/3/2016 5:30:00 AM 27000.000 18.989 14.675
42.774 40966.191 51030.148
33.495 34700.500 24.410
1.025
11/3/2016 5:45:00 AM 27900.000 18.986 14.673
42.769 40949.324 51010.859
33.481 34687.387 24.420
1.025
11/3/2016 6:00:00 AM 28800.000 18.990 14.674
42.778 40971.613 51037.438
33.501 34705.461 24.407
1.025
11/3/2016 6:15:00 AM 29700.000 18.992 14.675
42.781 40977.785 51044.590
33.506 34710.324 24.403
1.025
11/3/2016 6:30:00 AM 30600.000 18.985 14.675
42.766 40958.793 51020.504
33.488 34693.941 24.415
1.025
11/3/2016 6:45:00 AM 31500.000 18.988 14.673
42.772 40960.871 51025.555
33.492 34697.379 24.414
1.025
11/3/2016 7:00:00 AM 32400.000 18.992 14.675
42.781 41005.652 51079.086
33.531 34733.781 24.387
1.025
11/3/2016 7:15:00 AM 33300.000 19.017 14.674
42.838 40955.547 51018.063
33.486 34692.285 24.417
1.025
11/3/2016 7:30:00 AM 34200.000 19.021 14.673
42.846 40973.477 51041.148
33.503 34707.980 24.406
1.025
11/3/2016 7:45:00 AM 35100.000 19.023 14.673
42.851 40951.270 51013.383
33.483 34689.102 24.419
1.025
11/3/2016 8:00:00 AM 36000.000 19.028 14.675
42.863 40952.313 51012.645
33.483 34688.598 24.419
1.025
11/3/2016 8:15:00 AM 36900.000 19.028 14.674
42.863 40978.313 51046.531
33.507 34711.645 24.403
1.025
11/3/2016 8:30:00 AM 37800.000 19.032 14.673
42.871 40981.848 51052.012
33.511 34715.371 24.401
1.025
11/3/2016 8:45:00 AM 38700.000 19.028 14.675
42.862 40972.359 51037.402

33.501 34705.438 24.407
1.025
11/3/2016 9:00:00 AM 39600.000 19.027 14.675
42.859 40957.219 51018.859
33.487 34692.824 24.416
1.025
11/3/2016 9:15:00 AM 40500.000 19.030 14.675
42.868 40981.281 51048.730
33.509 34713.137 24.401
1.025
11/3/2016 9:30:00 AM 41400.000 19.034 14.675
42.877 40961.730 51024.273
33.491 34696.512 24.413
1.025
11/3/2016 9:45:00 AM 42300.000 19.033 14.674
42.874 40940.055 50998.340
33.472 34678.871 24.426
1.025
11/3/2016 10:00:00 AM 43200.000 19.038
14.674 42.885 40965.406
51030.031 33.495 34700.426
24.411 1.025
11/3/2016 10:15:00 AM 44100.000 19.033
14.674 42.874 41003.898
51077.332 33.530 34732.586
24.388 1.025
11/3/2016 10:30:00 AM 45000.000 19.036
14.674 42.881 40969.391
51034.566 33.499 34703.508
24.408 1.025
11/3/2016 10:45:00 AM 45900.000 19.030
14.674 42.867 40998.547
51071.090 33.525 34728.340
24.391 1.025
11/3/2016 11:00:00 AM 46800.000 19.030
14.674 42.868 40964.633
51028.957 33.494 34699.691
24.411 1.025
11/3/2016 11:15:00 AM 47700.000 19.033
14.674 42.874 40996.242
51067.793 33.523 34726.102
24.392 1.025
11/3/2016 11:30:00 AM 48600.000 19.032
14.675 42.872 40974.137
51039.934 33.503 34707.156
24.406 1.025
11/3/2016 11:45:00 AM 49500.000 19.031
14.675 42.870 40935.660
50991.355 33.467 34674.121
24.429 1.025
11/3/2016 12:00:00 PM 50400.000 19.028
14.674 42.862 40967.152
51032.316 33.497 34701.977
24.410 1.025
11/3/2016 12:15:00 PM 51300.000 19.036
14.675 42.880 40968.078
51031.523 33.496 34701.438

24.409 1.025
11/3/2016 12:30:00 PM 52200.000 19.033
14.675 42.874 40980.609
51047.680 33.508 34712.426
24.402 1.025
11/3/2016 12:45:00 PM 53100.000 19.040
14.675 42.889 40957.168
51018.047 33.487 34692.277
24.416 1.025
11/3/2016 1:00:00 PM 54000.000 19.045 14.675
42.900 40962.543 51025.387
33.492 34697.262 24.413
1.025
11/3/2016 1:15:00 PM 54900.000 19.053 14.675
42.918 40996.980 51067.738
33.523 34726.063 24.392
1.025
11/3/2016 1:30:00 PM 55800.000 19.059 14.674
42.932 41003.020 51076.457
33.529 34731.996 24.388
1.025
11/3/2016 1:45:00 PM 56700.000 19.059 14.674
42.932 41001.391 51074.633
33.528 34730.750 24.389
1.025
11/3/2016 2:00:00 PM 57600.000 19.064 14.673
42.943 40964.508 51029.539
33.495 34700.090 24.411
1.025
11/3/2016 2:15:00 PM 58500.000 19.069 14.674
42.955 40978.777 51046.359
33.507 34711.523 24.403
1.025
11/3/2016 2:30:00 PM 59400.000 19.075 14.674
42.969 40956.883 51019.414
33.487 34693.203 24.416
1.025
11/3/2016 2:45:00 PM 60300.000 19.077 14.675
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1.025
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33.521 34724.090 24.394
1.025
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1.025

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14.568 45.043 40939.395
51126.656 33.557 34766.129
24.426 1.025
11/9/2016 4:00:00 PM 586800.000 19.998
14.567 45.048 40947.238
51136.871 33.565 34773.074
24.422 1.025
11/9/2016 4:15:00 PM 587700.000 20.006
14.567 45.066 40943.523
51132.555 33.561 34770.137
24.424 1.025
11/9/2016 4:30:00 PM 588600.000 20.010
14.565 45.075 40966.652
51163.605 33.584 34791.258
24.410 1.025
11/9/2016 4:45:00 PM 589500.000 20.016
14.566 45.088 40902.199
51082.789 33.525 34736.297
24.449 1.025
11/9/2016 5:00:00 PM 590400.000 20.025

14.565	45.109	40927.121
51114.344	33.548	34757.754
24.434	1.025	
11/9/2016 5:15:00 PM	591300.000	20.032
14.565	45.124	40908.703
51091.453	33.531	34742.188
24.445	1.025	
11/9/2016 5:30:00 PM	592200.000	20.038
14.565	45.137	40906.727
51088.762	33.529	34740.359
24.446	1.025	
11/9/2016 5:45:00 PM	593100.000	20.038
14.565	45.137	40958.934
51154.719	33.577	34785.215
24.415	1.025	
11/9/2016 6:00:00 PM	594000.000	20.041
14.564	45.145	40932.117
51122.648	33.554	34763.406
24.431	1.025	
11/9/2016 6:15:00 PM	594900.000	20.057
14.563	45.180	40944.621
51138.809	33.566	34774.391
24.423	1.025	
11/9/2016 6:30:00 PM	595800.000	20.064
14.562	45.196	40917.191
51105.410	33.541	34751.684
24.440	1.025	
11/9/2016 6:45:00 PM	596700.000	20.059
14.562	45.184	40921.008
51110.707	33.545	34755.285
24.437	1.025	
11/9/2016 7:00:00 PM	597600.000	20.068
14.562	45.205	40916.652
51104.945	33.541	34751.367
24.440	1.025	
11/9/2016 7:15:00 PM	598500.000	20.065
14.561	45.199	40912.367
51100.996	33.538	34748.676
24.442	1.025	
11/9/2016 7:30:00 PM	599400.000	20.071
14.561	45.213	40940.547
51136.191	33.563	34772.609
24.426	1.025	
11/9/2016 7:45:00 PM	600300.000	20.071
14.561	45.212	40939.855
51135.328	33.563	34772.027
24.426	1.025	
11/9/2016 8:00:00 PM	601200.000	20.077
14.560	45.226	40895.805
51081.609	33.523	34735.496
24.452	1.025	
11/9/2016 8:15:00 PM	602100.000	20.078
14.560	45.229	40915.363
51106.152	33.541	34752.188
24.441	1.025	
11/9/2016 8:30:00 PM	603000.000	20.076
14.559	45.224	40964.992

51169.223	33.587	34795.070
24.411	1.025	
11/9/2016 8:45:00 PM	603900.000	20.078
14.559	45.227	40915.492
51106.965	33.542	34752.738
24.441	1.025	
11/9/2016 9:00:00 PM	604800.000	20.077
14.560	45.225	40950.313
51150.129	33.574	34782.094
24.420	1.025	
11/9/2016 9:15:00 PM	605700.000	20.076
14.558	45.223	40937.582
51136.063	33.563	34772.527
24.427	1.025	
11/9/2016 9:30:00 PM	606600.000	20.084
14.559	45.240	40938.094
51135.828	33.563	34772.367
24.427	1.025	
11/9/2016 9:45:00 PM	607500.000	20.066
14.557	45.201	40923.945
51120.117	33.551	34761.680
24.436	1.025	
11/9/2016 10:00:00 PM	608400.000	20.070
14.558	45.211	40905.398
51096.512	33.534	34745.633
24.447	1.025	
11/9/2016 10:15:00 PM	609300.000	20.061
14.557	45.190	40929.320
51126.832	33.556	34766.246
24.432	1.025	
11/9/2016 10:30:00 PM	610200.000	20.055
14.556	45.175	40901.621
51093.848	33.532	34743.816
24.449	1.025	
11/9/2016 10:45:00 PM	611100.000	20.045
14.558	45.153	40937.520
51136.746	33.564	34772.992
24.427	1.025	
11/9/2016 11:00:00 PM	612000.000	20.033
14.557	45.126	40920.566
51116.426	33.549	34759.172
24.438	1.025	
11/9/2016 11:15:00 PM	612900.000	20.026
14.557	45.110	40912.734
51107.082	33.542	34752.820
24.442	1.025	
11/9/2016 11:30:00 PM	613800.000	20.015
14.557	45.086	40894.539
51083.711	33.525	34736.922
24.453	1.025	
11/9/2016 11:45:00 PM	614700.000	20.008
14.555	45.071	40915.461
51112.117	33.545	34756.242
24.441	1.025	

Report Date: 11/14/2016 8:30:15 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3D LT Test_2016-11-10_13-06-33-027-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/9/2016 6:36:41 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
3/9/2016 6:37:49 PM	Sensor SN: 446752 Cache Timeout: 1000 User Name: KMakar
3/9/2016 6:37:54 PM	Device Taken Offline
3/9/2016 6:39:03 PM	Device Put Online
3/9/2016 6:39:04 PM	Sensor SN: 446752 Cache Timeout: 1750 User Name: KMakar
3/17/2016 5:02:59 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/10/2016 9:00:00 AM Stop Time: 3/17/2016 5:00:00 PM
3/24/2016 1:04:11 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM
3/31/2016 8:47:15 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
4/7/2016 1:07:21 PM	Log Download - Used Battery: 1% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM
4/14/2016 12:53:34 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:45:00 PM
4/21/2016 11:16:11 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM
4/28/2016 3:06:41 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 3:00:00 PM
5/5/2016 10:41:59 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:30:00 AM
5/12/2016 12:05:39 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 12:00:00 PM
5/19/2016 2:33:06 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:30:00 PM
5/26/2016 1:29:34 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:00:00 PM
6/2/2016 2:01:35 PM	Log Download - Used Battery: 4% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:44:45 PM
6/9/2016 10:11:07 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:00:00 AM
6/16/2016 4:19:34 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 5:15:00 PM
6/23/2016 11:55:38 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 12:00:00 PM
7/1/2016 7:41:47 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 7:15:00 PM
7/8/2016 6:42:39 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 4:15:00 PM
7/14/2016 7:36:39 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 8:30:00 PM
7/21/2016 12:16:46 PM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:15:00 PM
7/28/2016 9:23:14 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 10:00:00 AM
8/4/2016 9:12:35 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:45:00 AM
8/11/2016 1:11:02 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 1:59:45 PM
8/18/2016 9:16:49 AM	Log Download - Used Battery: 8% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 8:35:00 PM
8/25/2016 4:13:43 PM	Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:53:24 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:08:26 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM
9/8/2016 11:10:49 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 7:00:38 PM	Log Download - Used Battery: 10% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 8:00:00 PM
9/22/2016 3:10:51 PM	Log Download - Used Battery: 10% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
10/2/2016 7:50:06 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 8:49:58 AM
10/7/2016 6:02:01 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:39:45 AM	Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:00:00 PM
10/20/2016 8:49:33 AM	Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 7:45:00 PM
10/20/2016 8:52:35 AM	Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 9:57:08 AM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:45:00 AM
11/3/2016 8:51:03 AM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 6:15:00 PM
11/10/2016 1:01:12 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:15:00 PM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 737
Sensors: 2
1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time (Seconds)	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: Baro-Adj Calc SN#: 000000	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752			
11/3/2016 12:00:00 AM	7200.000	123.622	19.646	278.470	41677.773	46424.848	30.434	31.569	23.994	1.021	14.798
11/3/2016 12:15:00 AM	8100.000	123.644	19.645	278.519	41708.672	46460.641	30.460	31.593	23.976	1.021	14.795
11/3/2016 12:30:00 AM	9000.000	123.668	19.645	278.575	41707.727	46459.246	30.459	31.592	23.976	1.021	14.792
11/3/2016 12:45:00 AM	9900.000	123.681	19.649	278.603	41705.004	46452.676	30.454	31.588	23.978	1.021	14.796
11/3/2016 1:00:00 AM	10800.000	123.713	19.650	278.676	41688.770	46433.902	30.441	31.575			

23.987	1.021	14.791						
11/3/2016 1:15:00 AM	11700.000	123.724	19.651	278.702	41677.344	46420.059	30.431	31.566
23.994	1.021	14.798						
11/3/2016 1:30:00 AM	12600.000	123.734	19.656	278.723	41690.109	46428.852	30.437	31.572
23.987	1.021	14.794						
11/3/2016 1:45:00 AM	13500.000	123.748	19.653	278.754	41704.465	46448.199	30.451	31.585
23.978	1.021	14.796						
11/3/2016 2:00:00 AM	14400.000	123.759	19.654	278.779	41703.004	46445.715	30.450	31.583
23.979	1.021	14.799						
11/3/2016 2:15:00 AM	15300.000	123.762	19.651	278.787	41718.039	46465.219	30.464	31.596
23.970	1.021	14.802						
11/3/2016 2:30:00 AM	16200.000	123.756	19.654	278.773	41714.234	46458.223	30.459	31.592
23.973	1.021	14.807						
11/3/2016 2:45:00 AM	17100.000	123.768	19.657	278.800	41689.387	46427.617	30.436	31.571
23.987	1.021	14.802						
11/3/2016 3:00:00 AM	18000.000	123.769	19.651	278.802	41717.039	46464.445	30.463	31.596
23.971	1.021	14.798						
11/3/2016 3:15:00 AM	18900.000	123.758	19.654	278.778	41680.141	46420.332	30.431	31.566
23.992	1.021	14.802						
11/3/2016 3:30:00 AM	19800.000	123.756	19.661	278.772	41688.676	46422.184	30.433	31.567
23.987	1.021	14.803						
11/3/2016 3:45:00 AM	20700.000	123.747	19.669	278.751	41703.145	46430.727	30.439	31.573
23.979	1.021	14.800						
11/3/2016 4:00:00 AM	21600.000	123.743	19.663	278.743	41714.871	46449.891	30.453	31.586
23.972	1.021	14.799						
11/3/2016 4:15:00 AM	22500.000	123.734	19.657	278.722	41720.324	46462.160	30.462	31.594
23.969	1.021	14.797						
11/3/2016 4:30:00 AM	23400.000	123.728	19.655	278.710	41694.848	46435.855	30.442	31.576
23.984	1.021	14.795						
11/3/2016 4:45:00 AM	24300.000	123.712	19.657	278.673	41705.039	46445.223	30.449	31.583
23.978	1.021	14.801						
11/3/2016 5:00:00 AM	25200.000	123.707	19.657	278.663	41700.367	46439.598	30.445	31.579
23.981	1.021	14.797						
11/3/2016 5:15:00 AM	26100.000	123.692	19.663	278.628	41727.418	46464.043	30.463	31.596
23.965	1.021	14.802						
11/3/2016 5:30:00 AM	27000.000	123.685	19.662	278.613	41704.891	46440.160	30.446	31.579
23.978	1.021	14.799						
11/3/2016 5:45:00 AM	27900.000	123.682	19.664	278.606	41709.902	46443.238	30.448	31.581
23.975	1.021	14.794						
11/3/2016 6:00:00 AM	28800.000	123.664	19.669	278.565	41710.176	46438.906	30.445	31.578
23.975	1.021	14.806						
11/3/2016 6:15:00 AM	29700.000	123.665	19.668	278.567	41709.344	46438.230	30.445	31.578
23.975	1.021	14.803						
11/3/2016 6:30:00 AM	30600.000	123.667	19.667	278.572	41725.508	46457.605	30.459	31.591
23.966	1.021	14.799						
11/3/2016 6:45:00 AM	31500.000	123.664	19.662	278.564	41724.434	46461.063	30.461	31.594
23.967	1.021	14.804						
11/3/2016 7:00:00 AM	32400.000	123.669	19.652	278.577	41693.789	46437.086	30.443	31.577
23.984	1.021	14.797						
11/3/2016 7:15:00 AM	33300.000	123.681	19.647	278.605	41645.070	46387.645	30.407	31.544
24.012	1.021	14.792						
11/3/2016 7:30:00 AM	34200.000	123.677	19.655	278.593	41705.668	46447.121	30.451	31.584
23.978	1.021	14.799						
11/3/2016 7:45:00 AM	35100.000	123.682	19.668	278.607	41742.449	46475.176	30.472	31.603
23.956	1.021	14.800						
11/3/2016 8:00:00 AM	36000.000	123.692	19.664	278.627	41709.625	46443.449	30.448	31.582
23.975	1.021	14.796						
11/3/2016 8:15:00 AM	36900.000	123.700	19.670	278.647	41711.535	46438.957	30.445	31.578
23.974	1.021	14.804						
11/3/2016 8:30:00 AM	37800.000	123.713	19.669	278.677	41725.418	46455.176	30.457	31.590
23.966	1.021	14.807						
11/3/2016 8:45:00 AM	38700.000	123.729	19.659	278.711	41705.457	46443.199	30.448	31.581
23.978	1.021	14.804						
11/3/2016 9:00:00 AM	39600.000	123.749	19.660	278.756	41694.016	46430.031	30.438	31.572
23.984	1.021	14.806						
11/3/2016 9:15:00 AM	40500.000	123.766	19.667	278.795	41738.293	46472.188	30.469	31.601
23.959	1.021	14.810						
11/3/2016 9:30:00 AM	41400.000	123.780	19.671	278.827	41718.016	46445.043	30.450	31.583
23.970	1.021	14.809						
11/3/2016 9:45:00 AM	42300.000	123.807	19.671	278.887	41691.742	46416.129	30.429	31.563
23.986	1.021	14.807						
11/3/2016 10:00:00 AM	43200.000	123.833	19.657	278.946	41698.586	46437.520	30.444	31.578
23.982	1.021	14.804						
11/3/2016 10:15:00 AM	44100.000	123.866	19.656	279.019	41705.633	46446.840	30.450	31.584
23.978	1.021	14.799						
11/3/2016 10:30:00 AM	45000.000	123.881	19.649	279.054	41693.676	46439.547	30.445	31.579
23.984	1.021	14.803						
11/3/2016 10:45:00 AM	45900.000	123.900	19.658	279.096	41712.141	46451.750	30.454	31.587
23.974	1.021	14.800						
11/3/2016 11:00:00 AM	46800.000	123.923	19.662	279.149	41727.492	46464.633	30.464	31.596
23.965	1.021	14.798						
11/3/2016 11:15:00 AM	47700.000	123.938	19.662	279.181	41718.008	46454.684	30.456	31.589
23.970	1.021	14.799						
11/3/2016 11:30:00 AM	48600.000	123.950	19.662	279.210	41707.777	46442.598	30.448	31.581
23.976	1.021	14.798						
11/3/2016 11:45:00 AM	49500.000	123.978	19.657	279.273	41701.012	46440.656	30.446	31.580
23.980	1.021	14.789						
11/3/2016 12:00:00 PM	50400.000	123.996	19.655	279.313	41681.133	46420.496	30.431	31.566
23.992	1.021	14.790						
11/3/2016 12:15:00 PM	51300.000	123.997	19.655	279.316	41687.402	46427.141	30.436	31.570
23.988	1.021	14.792						
11/3/2016 12:30:00 PM	52200.000	124.008	19.651	279.340	41702.520	46447.586	30.451	31.584
23.979	1.021	14.784						
11/3/2016 12:45:00 PM	53100.000	124.006	19.658	279.336	41707.625	46446.637	30.450	31.584
23.976	1.021	14.786						
11/3/2016 1:00:00 PM	54000.000	124.011	19.656	279.348	41735.656	46480.094	30.475	31.606
23.960	1.021	14.784						
11/3/2016 1:15:00 PM	54900.000	124.012	19.657	279.349	41722.844	46465.051	30.464	31.596
23.968	1.021	14.775						
11/3/2016 1:30:00 PM	55800.000	124.015	19.657	279.355	41717.113	46457.891	30.459	31.591
23.971	1.021	14.775						
11/3/2016 1:45:00 PM	56700.000	123.998	19.657	279.317	41703.527	46442.680	30.447	31.581
23.979	1.021	14.772						
11/3/2016 2:00:00 PM	57600.000	123.998	19.652	279.318	41705.266	46450.473	30.453	31.586
23.978	1.021	14.764						
11/3/2016 2:15:00 PM	58500.000	123.987	19.651	279.293	41708.066	46453.848	30.455	31.589
23.976	1.021	14.761						
11/3/2016 2:30:00 PM	59400.000	123.965	19.655	279.242	41689.234	46429.254	30.438	31.572
23.987	1.021	14.759						
11/3/2016 2:45:00 PM	60300.000	123.939	19.655	279.185	41704.523	46446.027	30.450	31.583
23.978	1.021	14.761						
11/3/2016 3:00:00 PM	61200.000	123.915	19.658	279.132	41702.605	46441.223	30.446	31.580
23.979	1.021	14.762						
11/3/2016 3:15:00 PM	62100.000	123.888	19.668	279.070	41684.426	46410.660	30.425	31.559
23.990	1.021	14.755						
11/3/2016 3:30:00 PM	63000.000	123.859	19.667	279.006	41751.047	46486.121	30.480	31.611
23.951	1.021	14.760						
11/3/2016 3:45:00 PM	63900.000	123.834	19.655	278.947	41716.305	46459.063	30.459	31.592
23.971	1.021	14.756						
11/3/2016 4:00:00 PM	64800.000	123.795	19.668	278.860	41734.496	46466.844	30.466	31.597
23.961	1.021	14.762						
11/3/2016 4:15:00 PM	65700.000	123.760	19.665	278.782	41695.133	46425.676	30.435	31.569
23.984	1.021	14.762						
11/3/2016 4:30:00 PM	66600.000	123.730	19.659	278.714	41686.297	46421.773	30.432	31.567
23.989	1.021	14.759						
11/3/2016 4:45:00 PM	67500.000	123.694	19.659	278.634	41697.656	46434.242	30.441	31.575
23.982	1.021	14.762						
11/3/2016 5:00:00 PM	68400.000	123.662	19.657	278.562	41721.301	46463.332	30.463	31.595
23.969	1.021	14.758						
11/3/2016 5:15:00 PM	69300.000	123.631	19.652	278.490	41704.414	46449.434	30.452	31.586
23.978	1.021	14.759						
11/3/2016 5:30:00 PM	70200.000	123.594	19.656	278.408	41706.602	46447.219	30.451	31.584
23.977	1.021	14.761						

11/3/2016 5:45:00 PM	71100.000	123.553	19.665	278.315	41716.059	46449.578	30.453	31.586
23.972	1.021	14.761						
11/3/2016 6:00:00 PM	72000.000	123.521	19.665	278.244	41693.406	46423.836	30.434	31.568
23.985	1.021	14.758						
11/3/2016 6:15:00 PM	72900.000	123.493	19.665	278.181	41716.660	46449.984	30.453	31.586
23.971	1.021	14.756						
11/3/2016 6:30:00 PM	73800.000	123.473	19.653	278.135	41713.500	46457.922	30.458	31.591
23.973	1.021	14.760						
11/3/2016 6:45:00 PM	74700.000	123.443	19.666	278.067	41735.230	46469.539	30.467	31.599
23.961	1.021	14.757						
11/3/2016 7:00:00 PM	75600.000	123.419	19.657	278.014	41704.191	46444.277	30.449	31.582
23.978	1.021	14.761						
11/3/2016 7:15:00 PM	76500.000	123.401	19.652	277.972	41687.180	46429.387	30.438	31.572
23.988	1.021	14.761						
11/3/2016 7:30:00 PM	77400.000	123.383	19.655	277.932	41684.363	46423.832	30.434	31.568
23.990	1.021	14.759						
11/3/2016 7:45:00 PM	78300.000	123.367	19.656	277.896	41691.328	46430.809	30.439	31.573
23.986	1.021	14.764						
11/3/2016 8:00:00 PM	79200.000	123.359	19.667	277.878	41697.719	46426.746	30.436	31.570
23.982	1.021	14.764						
11/3/2016 8:15:00 PM	80100.000	123.358	19.664	277.877	41707.672	46441.020	30.447	31.580
23.976	1.021	14.757						
11/3/2016 8:30:00 PM	81000.000	123.348	19.655	277.854	41703.125	46444.387	30.449	31.582
23.979	1.021	14.768						
11/3/2016 8:45:00 PM	81900.000	123.349	19.655	277.856	41723.949	46467.406	30.465	31.598
23.967	1.021	14.762						
11/3/2016 9:00:00 PM	82800.000	123.358	19.659	277.875	41700.883	46438.355	30.444	31.578
23.980	1.021	14.762						
11/3/2016 9:15:00 PM	83700.000	123.365	19.662	277.891	41729.250	46467.199	30.466	31.598
23.964	1.021	14.761						
11/3/2016 9:30:00 PM	84600.000	123.378	19.668	277.921	41728.707	46460.137	30.461	31.593
23.964	1.021	14.759						
11/3/2016 9:45:00 PM	85500.000	123.382	19.671	277.929	41690.750	46414.688	30.428	31.562
23.986	1.021	14.764						
11/3/2016 10:00:00 PM	86400.000	123.401	19.663	277.972	41698.422	46431.398	30.439	31.573
23.982	1.021	14.765						
11/3/2016 10:15:00 PM	87300.000	123.422	19.666	278.020	41706.086	46436.750	30.444	31.577
23.977	1.021	14.763						
11/3/2016 10:30:00 PM	88200.000	123.436	19.661	278.051	41743.586	46484.016	30.478	31.609
23.956	1.021	14.770						
11/3/2016 10:45:00 PM	89100.000	123.472	19.654	278.133	41688.512	46428.973	30.437	31.572
23.987	1.021	14.763						
11/3/2016 11:00:00 PM	90000.000	123.488	19.658	278.169	41710.047	46449.418	30.452	31.586
23.975	1.021	14.770						
11/3/2016 11:15:00 PM	90900.000	123.495	19.658	278.186	41708.465	46448.094	30.451	31.585
23.976	1.021	14.769						
11/3/2016 11:30:00 PM	91800.000	123.532	19.663	278.268	41729.957	46466.945	30.465	31.598
23.964	1.021	14.766						
11/3/2016 11:45:00 PM	92700.000	123.554	19.654	278.317	41685.875	46426.117	30.435	31.570
23.989	1.021	14.771						
11/4/2016 12:00:00 AM	93600.000	123.576	19.649	278.366	41720.199	46469.430	30.467	31.599
23.969	1.021	14.771						
11/4/2016 12:15:00 AM	94500.000	123.618	19.653	278.463	41703.594	46446.973	30.450	31.584
23.979	1.021	14.764						
11/4/2016 12:30:00 AM	95400.000	123.648	19.656	278.530	41698.125	46438.039	30.444	31.578
23.982	1.021	14.768						
11/4/2016 12:45:00 AM	96300.000	123.674	19.659	278.587	41717.297	46456.211	30.457	31.590
23.971	1.021	14.765						
11/4/2016 1:00:00 AM	97200.000	123.685	19.654	278.612	41703.172	46445.984	30.450	31.583
23.979	1.021	14.768						
11/4/2016 1:15:00 AM	98100.000	123.714	19.650	278.677	41694.938	46440.348	30.445	31.579
23.984	1.021	14.764						
11/4/2016 1:30:00 AM	99000.000	123.738	19.650	278.733	41707.195	46454.000	30.455	31.589
23.977	1.021	14.760						
11/4/2016 1:45:00 AM	99900.000	123.746	19.654	278.749	41685.160	46425.148	30.435	31.569
23.989	1.021	14.764						
11/4/2016 2:00:00 AM	100800.000	123.765	19.656	278.792	41693.344	46432.289	30.440	31.574
23.985	1.021	14.770						
11/4/2016 2:15:00 AM	101700.000	123.771	19.650	278.807	41685.449	46429.863	30.438	31.572
23.989	1.021	14.769						
11/4/2016 2:30:00 AM	102600.000	123.787	19.647	278.842	41675.258	46421.344	30.431	31.567
23.995	1.021	14.768						
11/4/2016 2:45:00 AM	103500.000	123.795	19.649	278.860	41724.070	46473.656	30.470	31.602
23.967	1.021	14.771						
11/4/2016 3:00:00 AM	104400.000	123.815	19.651	278.904	41678.699	46421.824	30.432	31.567
23.993	1.021	14.766						
11/4/2016 3:15:00 AM	105300.000	123.807	19.650	278.887	41705.688	46451.980	30.454	31.587
23.978	1.021	14.774						
11/4/2016 3:30:00 AM	106200.000	123.810	19.653	278.894	41675.535	46415.895	30.428	31.563
23.995	1.021	14.773						
11/4/2016 3:45:00 AM	107100.000	123.820	19.660	278.917	41727.684	46467.074	30.465	31.598
23.965	1.021	14.769						
11/4/2016 4:00:00 AM	108000.000	123.812	19.667	278.899	41741.945	46475.734	30.472	31.604
23.957	1.021	14.774						
11/4/2016 4:15:00 AM	108900.000	123.819	19.669	278.915	41696.492	46423.398	30.434	31.568
23.983	1.021	14.774						
11/4/2016 4:30:00 AM	109800.000	123.794	19.669	278.857	41710.559	46438.980	30.445	31.579
23.975	1.021	14.769						
11/4/2016 4:45:00 AM	110700.000	123.792	19.660	278.853	41676.109	46409.645	30.423	31.559
23.995	1.021	14.778						
11/4/2016 5:00:00 AM	111600.000	123.798	19.667	278.867	41697.363	46426.781	30.436	31.570
23.982	1.021	14.769						
11/4/2016 5:15:00 AM	112500.000	123.786	19.667	278.840	41721.824	46453.754	30.456	31.589
23.968	1.021	14.772						
11/4/2016 5:30:00 AM	113400.000	123.780	19.663	278.827	41708.234	46442.164	30.447	31.581
23.976	1.021	14.775						
11/4/2016 5:45:00 AM	114300.000	123.761	19.667	278.783	41690.465	46418.934	30.431	31.565
23.986	1.021	14.778						
11/4/2016 6:00:00 AM	115200.000	123.752	19.662	278.763	41722.180	46459.152	30.460	31.592
23.968	1.021	14.778						
11/4/2016 6:15:00 AM	116100.000	123.749	19.671	278.758	41731.934	46461.059	30.461	31.594
23.962	1.021	14.775						
11/4/2016 6:30:00 AM	117000.000	123.745	19.673	278.749	41690.328	46412.496	30.426	31.560
23.986	1.021	14.776						
11/4/2016 6:45:00 AM	117900.000	123.748	19.667	278.753	41723.781	46455.336	30.457	31.590
23.967	1.021	14.774						
11/4/2016 7:00:00 AM	118800.000	123.742	19.670	278.742	41732.191	46461.957	30.462	31.594
23.962	1.021	14.774						
11/4/2016 7:15:00 AM	119700.000	123.769	19.666	278.802	41742.277	46476.875	30.473	31.604
23.957	1.021	14.772						
11/4/2016 7:30:00 AM	120600.000	123.744	19.655	278.746	41699.152	46440.383	30.446	31.579
23.981	1.021	14.769						
11/4/2016 7:45:00 AM	121500.000	123.750	19.651	278.759	41694.781	46439.734	30.445	31.579
23.984	1.021	14.768						
11/4/2016 8:00:00 AM	122400.000	123.760	19.653	278.782	41660.547	46399.457	30.416	31.552
24.004	1.021	14.774						
11/4/2016 8:15:00 AM	123300.000	123.756	19.653	278.773	41709.055	46452.973	30.455	31.588
23.976	1.021	14.778						
11/4/2016 8:30:00 AM	124200.000	123.761	19.653	278.784	41689.391	46431.582	30.439	31.573
23.987	1.021	14.770						
11/4/2016 8:45:00 AM	125100.000	123.772	19.655	278.809	41683.750	46422.891	30.433	31.568
23.990	1.021	14.775						
11/4/2016 9:00:00 AM	126000.000	123.777	19.665	278.820	41717.156	46450.719	30.454	31.586
23.971	1.021	14.771						
11/4/2016 9:15:00 AM	126900.000	123.792	19.670	278.855	41712.855	46440.934	30.447	31.580
23.973	1.021	14.786						
11/4/2016 9:30:00 AM	127800.000	123.817	19.670	278.910	41748.848	46480.500	30.476	31.607
23.953	1.021	14.783						
11/4/2016 9:45:00 AM	128700.000	123.821	19.670	278.918	41727.422	46456.730	30.458	31.591
23.965	1.021	14.775						
11/4/2016 10:00:00 AM	129600.000	123.831	19.673	278.940	41717.297	46442.180	30.448	31.581
23.971	1.021	14.780						
11/4/2016 10:15:00 AM	130500.000	123.843	19.674	278.968	41714.387	46438.336	30.445	31.578

23.973	1.021	14.782						
11/4/2016 10:30:00 AM	131400.000	123.860	19.671	279.006	41731.488	46460.297	30.461	31.593
23.963	1.021	14.782						
11/4/2016 10:45:00 AM	132300.000	123.882	19.666	279.055	41692.332	46421.359	30.432	31.567
23.985	1.021	14.787						
11/4/2016 11:00:00 AM	133200.000	123.901	19.661	279.100	41732.227	46471.277	30.469	31.600
23.962	1.021	14.785						
11/4/2016 11:15:00 AM	134100.000	123.913	19.660	279.126	41719.684	46458.012	30.459	31.591
23.970	1.021	14.786						
11/4/2016 11:30:00 AM	135000.000	123.933	19.659	279.172	41701.039	46438.621	30.445	31.578
23.980	1.021	14.785						
11/4/2016 11:45:00 AM	135900.000	123.949	19.657	279.208	41699.875	46439.387	30.445	31.579
23.981	1.021	14.785						
11/4/2016 12:00:00 PM	136800.000	123.957	19.660	279.226	41706.609	46443.973	30.449	31.582
23.977	1.021	14.790						
11/4/2016 12:15:00 PM	137700.000	123.979	19.675	279.274	41715.086	46437.992	30.445	31.578
23.972	1.021	14.785						
11/4/2016 12:30:00 PM	138600.000	123.985	19.666	279.288	41710.109	46441.840	30.447	31.580
23.975	1.021	14.782						
11/4/2016 12:45:00 PM	139500.000	124.000	19.672	279.323	41712.039	46438.141	30.445	31.578
23.974	1.021	14.779						
11/4/2016 1:00:00 PM	140400.000	124.003	19.676	279.329	41738.535	46462.898	30.463	31.595
23.959	1.021	14.773						
11/4/2016 1:15:00 PM	141300.000	124.014	19.665	279.353	41718.488	46451.508	30.454	31.587
23.970	1.021	14.775						
11/4/2016 1:30:00 PM	142200.000	124.011	19.657	279.346	41694.051	46432.902	30.440	31.574
23.984	1.021	14.779						
11/4/2016 1:45:00 PM	143100.000	124.004	19.659	279.331	41687.465	46423.074	30.433	31.568
23.988	1.021	14.775						
11/4/2016 2:00:00 PM	144000.000	124.005	19.658	279.333	41698.410	46436.461	30.443	31.577
23.982	1.021	14.778						
11/4/2016 2:15:00 PM	144900.000	123.994	19.661	279.309	41697.117	46432.441	30.440	31.574
23.982	1.021	14.778						
11/4/2016 2:30:00 PM	145800.000	123.996	19.658	279.312	41727.305	46468.125	30.466	31.598
23.965	1.021	14.778						
11/4/2016 2:45:00 PM	146700.000	123.998	19.662	279.318	41707.215	46442.309	30.447	31.581
23.977	1.021	14.774						
11/4/2016 3:00:00 PM	147600.000	123.963	19.658	279.238	41708.461	46447.836	30.451	31.585
23.976	1.021	14.778						
11/4/2016 3:15:00 PM	148500.000	123.946	19.666	279.201	41716.887	46449.559	30.453	31.586
23.971	1.021	14.776						
11/4/2016 3:30:00 PM	149400.000	123.921	19.667	279.144	41707.445	46437.840	30.444	31.578
23.977	1.021	14.778						
11/4/2016 3:45:00 PM	150300.000	123.908	19.667	279.114	41695.684	46424.746	30.435	31.569
23.983	1.021	14.775						
11/4/2016 4:00:00 PM	151200.000	123.879	19.662	279.049	41728.129	46465.688	30.464	31.597
23.965	1.021	14.777						
11/4/2016 4:15:00 PM	152100.000	123.848	19.666	278.980	41714.660	46446.387	30.451	31.584
23.972	1.021	14.780						
11/4/2016 4:30:00 PM	153000.000	123.819	19.666	278.914	41725.000	46458.070	30.459	31.591
23.966	1.021	14.779						
11/4/2016 4:45:00 PM	153900.000	123.796	19.664	278.864	41709.430	46442.543	30.448	31.581
23.975	1.021	14.776						
11/4/2016 5:00:00 PM	154800.000	123.751	19.669	278.761	41727.676	46457.781	30.459	31.591
23.965	1.021	14.778						
11/4/2016 5:15:00 PM	155700.000	123.732	19.657	278.718	41693.223	46431.723	30.439	31.574
23.985	1.021	14.780						
11/4/2016 5:30:00 PM	156600.000	123.679	19.657	278.600	41712.945	46453.250	30.455	31.588
23.973	1.021	14.780						
11/4/2016 5:45:00 PM	157500.000	123.655	19.663	278.544	41686.523	46418.242	30.430	31.564
23.989	1.021	14.774						
11/4/2016 6:00:00 PM	158400.000	123.624	19.663	278.475	41733.016	46469.840	30.468	31.599
23.962	1.021	14.777						
11/4/2016 6:15:00 PM	159300.000	123.595	19.670	278.409	41706.180	46432.898	30.441	31.574
23.977	1.021	14.774						
11/4/2016 6:30:00 PM	160200.000	123.562	19.664	278.336	41698.500	46430.375	30.439	31.573
23.982	1.021	14.775						
11/4/2016 6:45:00 PM	161100.000	123.530	19.661	278.262	41697.785	46433.188	30.441	31.575
23.982	1.021	14.778						
11/4/2016 7:00:00 PM	162000.000	123.515	19.660	278.231	41684.434	46418.840	30.430	31.565
23.990	1.021	14.775						
11/4/2016 7:15:00 PM	162900.000	123.476	19.665	278.143	41695.637	46426.758	30.436	31.570
23.983	1.021	14.776						
11/4/2016 7:30:00 PM	163800.000	123.455	19.659	278.095	41716.441	46455.434	30.457	31.590
23.971	1.021	14.778						
11/4/2016 7:45:00 PM	164700.000	123.434	19.666	278.048	41730.676	46464.391	30.464	31.596
23.963	1.021	14.776						
11/4/2016 8:00:00 PM	165600.000	123.415	19.666	278.004	41712.922	46444.625	30.449	31.582
23.973	1.021	14.781						
11/4/2016 8:15:00 PM	166500.000	123.401	19.659	277.972	41701.734	46439.559	30.445	31.579
23.980	1.021	14.773						
11/4/2016 8:30:00 PM	167400.000	123.385	19.660	277.937	41664.492	46396.707	30.414	31.550
24.001	1.021	14.776						
11/4/2016 8:45:00 PM	168300.000	123.373	19.667	277.911	41713.648	46444.309	30.449	31.582
23.973	1.021	14.782						
11/4/2016 9:00:00 PM	169200.000	123.364	19.668	277.890	41700.000	46428.176	30.437	31.571
23.981	1.021	14.781						
11/4/2016 9:15:00 PM	170100.000	123.360	19.666	277.881	41725.422	46458.707	30.460	31.592
23.966	1.021	14.780						
11/4/2016 9:30:00 PM	171000.000	123.357	19.666	277.873	41698.859	46428.883	30.438	31.572
23.981	1.021	14.786						
11/4/2016 9:45:00 PM	171900.000	123.364	19.665	277.889	41720.379	46453.953	30.456	31.589
23.969	1.021	14.782						
11/4/2016 10:00:00 PM	172800.000	123.364	19.662	277.889	41684.066	46416.195	30.428	31.563
23.990	1.021	14.784						
11/4/2016 10:15:00 PM	173700.000	123.384	19.665	277.935	41735.090	46470.332	30.468	31.600
23.961	1.021	14.780						
11/4/2016 10:30:00 PM	174600.000	123.387	19.654	277.942	41682.500	46422.879	30.433	31.568
23.991	1.021	14.787						
11/4/2016 10:45:00 PM	175500.000	123.404	19.653	277.979	41705.742	46449.105	30.452	31.585
23.978	1.021	14.792						
11/4/2016 11:00:00 PM	176400.000	123.420	19.656	278.016	41705.699	46446.047	30.450	31.583
23.978	1.021	14.792						
11/4/2016 11:15:00 PM	177300.000	123.440	19.662	278.061	41685.219	46417.395	30.429	31.564
23.989	1.021	14.795						
11/4/2016 11:30:00 PM	178200.000	123.457	19.663	278.098	41700.930	46434.188	30.442	31.575
23.980	1.021	14.791						
11/4/2016 11:45:00 PM	179100.000	123.475	19.666	278.139	41717.586	46449.645	30.453	31.586
23.971	1.021	14.794						
11/5/2016 12:00:00 AM	180000.000	123.494	19.671	278.183	41702.844	46428.152	30.437	31.571
23.979	1.021	14.795						
11/5/2016 12:15:00 AM	180900.000	123.511	19.671	278.220	41696.922	46422.250	30.433	31.567
23.983	1.021	14.795						
11/5/2016 12:30:00 AM	181800.000	123.537	19.662	278.279	41720.031	46456.070	30.457	31.590
23.969	1.021	14.796						
11/5/2016 12:45:00 AM	182700.000	123.562	19.662	278.335	41720.105	46456.496	30.458	31.590
23.969	1.021	14.793						
11/5/2016 1:00:00 AM	183600.000	123.603	19.658	278.428	41695.352	46432.809	30.440	31.574
23.983	1.021	14.781						
11/5/2016 1:15:00 AM	184500.000	123.624	19.662	278.475	41693.113	46426.523	30.436	31.570
23.985	1.021	14.784						
11/5/2016 1:30:00 AM	185400.000	123.633	19.669	278.495	41735.543	46467.055	30.466	31.598
23.960	1.021	14.793						
11/5/2016 1:45:00 AM	186300.000	123.665	19.669	278.567	41719.848	46449.750	30.453	31.586
23.969	1.021	14.788						
11/5/2016 2:00:00 AM	187200.000	123.691	19.669	278.626	41706.480	46434.441	30.442	31.575
23.977	1.021	14.785						
11/5/2016 2:15:00 AM	188100.000	123.705	19.667	278.658	41692.859	46420.996	30.432	31.566
23.985	1.021	14.786						
11/5/2016 2:30:00 AM	189000.000	123.738	19.658	278.733	41714.379	46454.598	30.456	31.589
23.973	1.021	14.781						
11/5/2016 2:45:00 AM	189900.000	123.745	19.659	278.748	41691.527	46427.332	30.436	31.571
23.986	1.021	14.783						

11/5/2016 3:00:00 AM	190800.000	123.773	19.656	278.811	41671.094	46407.938	30.422	31.557
23.997	1.021	14.781						
11/5/2016 3:15:00 AM	191700.000	123.776	19.656	278.819	41706.543	46447.500	30.451	31.584
23.977	1.021	14.785						
11/5/2016 3:30:00 AM	192600.000	123.797	19.658	278.864	41677.633	46412.809	30.426	31.561
23.994	1.021	14.783						
11/5/2016 3:45:00 AM	193500.000	123.798	19.661	278.868	41713.504	46450.609	30.453	31.586
23.973	1.021	14.788						
11/5/2016 4:00:00 AM	194400.000	123.802	19.659	278.875	41677.898	46412.340	30.425	31.560
23.994	1.021	14.789						
11/5/2016 4:15:00 AM	195300.000	123.813	19.652	278.900	41709.938	46455.496	30.457	31.590
23.975	1.021	14.785						
11/5/2016 4:30:00 AM	196200.000	123.816	19.656	278.909	41690.684	46430.273	30.438	31.573
23.986	1.021	14.778						
11/5/2016 4:45:00 AM	197100.000	123.824	19.668	278.925	41722.332	46453.039	30.456	31.588
23.968	1.021	14.774						
11/5/2016 5:00:00 AM	198000.000	123.814	19.656	278.904	41675.188	46412.578	30.425	31.561
23.995	1.021	14.773						
11/5/2016 5:15:00 AM	198900.000	123.815	19.653	278.905	41696.129	46438.660	30.444	31.578
23.983	1.021	14.769						
11/5/2016 5:30:00 AM	199800.000	123.812	19.660	278.899	41694.074	46429.238	30.438	31.572
23.984	1.021	14.770						
11/5/2016 5:45:00 AM	200700.000	123.809	19.670	278.892	41724.059	46453.141	30.456	31.588
23.967	1.021	14.769						
11/5/2016 6:00:00 AM	201600.000	123.807	19.668	278.887	41708.258	46437.449	30.444	31.577
23.976	1.021	14.767						
11/5/2016 6:15:00 AM	202500.000	123.804	19.668	278.881	41681.059	46406.992	30.422	31.557
23.992	1.021	14.771						
11/5/2016 6:30:00 AM	203400.000	123.797	19.662	278.864	41707.266	46442.109	30.447	31.581
23.977	1.021	14.773						
11/5/2016 6:45:00 AM	204300.000	123.787	19.661	278.842	41724.570	46462.414	30.462	31.594
23.967	1.021	14.772						
11/5/2016 7:00:00 AM	205200.000	123.795	19.663	278.861	41709.988	46444.371	30.449	31.582
23.975	1.021	14.771						
11/5/2016 7:15:00 AM	206100.000	123.795	19.666	278.861	41693.605	46423.465	30.434	31.568
23.984	1.021	14.774						
11/5/2016 7:30:00 AM	207000.000	123.785	19.660	278.838	41691.531	46427.082	30.436	31.570
23.986	1.021	14.774						
11/5/2016 7:45:00 AM	207900.000	123.795	19.655	278.861	41682.984	46422.559	30.433	31.567
23.991	1.021	14.770						
11/5/2016 8:00:00 AM	208800.000	123.797	19.651	278.865	41704.047	46449.633	30.452	31.586
23.978	1.021	14.773						
11/5/2016 8:15:00 AM	209700.000	123.781	19.653	278.829	41718.266	46463.836	30.463	31.595
23.970	1.021	14.775						
11/5/2016 8:30:00 AM	210600.000	123.778	19.655	278.823	41681.059	46419.813	30.431	31.565
23.992	1.021	14.771						
11/5/2016 8:45:00 AM	211500.000	123.780	19.655	278.826	41707.344	46449.773	30.453	31.586
23.977	1.021	14.774						
11/5/2016 9:00:00 AM	212400.000	123.813	19.657	278.902	41699.289	46438.215	30.444	31.578
23.981	1.021	14.769						
11/5/2016 9:15:00 AM	213300.000	123.795	19.659	278.861	41718.863	46457.859	30.459	31.591
23.970	1.021	14.767						
11/5/2016 9:30:00 AM	214200.000	123.802	19.661	278.876	41698.375	46433.160	30.441	31.575
23.982	1.021	14.769						
11/5/2016 9:45:00 AM	215100.000	123.804	19.650	278.881	41717.090	46465.023	30.463	31.596
23.971	1.021	14.775						
11/5/2016 10:00:00 AM	216000.000	123.807	19.655	278.888	41691.383	46431.996	30.440	31.574
23.986	1.021	14.786						
11/5/2016 10:15:00 AM	216900.000	123.822	19.652	278.922	41688.031	46431.277	30.439	31.573
23.988	1.021	14.774						
11/5/2016 10:30:00 AM	217800.000	123.845	19.655	278.973	41707.074	46449.051	30.452	31.585
23.977	1.021	14.774						
11/5/2016 10:45:00 AM	218700.000	123.847	19.660	278.976	41705.965	46443.336	30.448	31.581
23.977	1.021	14.781						
11/5/2016 11:00:00 AM	219600.000	123.857	19.659	279.001	41703.465	46441.230	30.446	31.580
23.979	1.021	14.779						
11/5/2016 11:15:00 AM	220500.000	123.873	19.665	279.035	41720.266	46454.180	30.456	31.589
23.969	1.021	14.785						
11/5/2016 11:30:00 AM	221400.000	123.875	19.662	279.041	41707.656	46442.379	30.447	31.581
23.976	1.021	14.786						
11/5/2016 11:45:00 AM	222300.000	123.903	19.661	279.103	41665.344	46396.801	30.414	31.550
24.001	1.021	14.780						
11/5/2016 12:00:00 PM	223200.000	123.904	19.662	279.107	41732.641	46470.109	30.468	31.600
23.962	1.021	14.786						
11/5/2016 12:15:00 PM	224100.000	123.923	19.663	279.148	41704.660	46438.703	30.445	31.578
23.978	1.021	14.785						
11/5/2016 12:30:00 PM	225000.000	123.926	19.665	279.155	41686.848	46416.789	30.429	31.563
23.988	1.021	14.784						
11/5/2016 12:45:00 PM	225900.000	123.943	19.660	279.194	41695.922	46431.367	30.439	31.573
23.983	1.021	14.780						
11/5/2016 1:00:00 PM	226800.000	123.962	19.663	279.236	41705.680	46439.574	30.445	31.579
23.978	1.021	14.778						
11/5/2016 1:15:00 PM	227700.000	123.967	19.672	279.247	41713.625	46439.809	30.446	31.579
23.973	1.021	14.780						
11/5/2016 1:30:00 PM	228600.000	123.975	19.673	279.266	41713.348	46438.301	30.445	31.578
23.973	1.021	14.781						
11/5/2016 1:45:00 PM	229500.000	123.967	19.676	279.248	41738.422	46463.293	30.463	31.595
23.959	1.021	14.780						
11/5/2016 2:00:00 PM	230400.000	123.986	19.674	279.291	41699.715	46421.914	30.433	31.567
23.981	1.021	14.778						
11/5/2016 2:15:00 PM	231300.000	123.979	19.674	279.276	41717.313	46441.504	30.447	31.580
23.971	1.021	14.780						
11/5/2016 2:30:00 PM	232200.000	123.984	19.669	279.287	41715.344	46444.387	30.449	31.582
23.972	1.021	14.784						
11/5/2016 2:45:00 PM	233100.000	123.984	19.662	279.286	41712.500	46448.113	30.452	31.585
23.974	1.021	14.773						
11/5/2016 3:00:00 PM	234000.000	123.983	19.665	279.284	41677.547	46406.699	30.421	31.557
23.994	1.021	14.773						
11/5/2016 3:15:00 PM	234900.000	123.968	19.660	279.250	41723.438	46462.613	30.462	31.595
23.967	1.021	14.779						
11/5/2016 3:30:00 PM	235800.000	123.963	19.658	279.238	41730.586	46472.730	30.469	31.601
23.963	1.021	14.778						
11/5/2016 3:45:00 PM	236700.000	123.950	19.671	279.210	41715.375	46442.875	30.448	31.581
23.972	1.021	14.772						
11/5/2016 4:00:00 PM	237600.000	123.935	19.665	279.176	41710.422	46442.527	30.448	31.581
23.975	1.021	14.775						
11/5/2016 4:15:00 PM	238500.000	123.912	19.662	279.124	41727.043	46464.566	30.464	31.596
23.965	1.021	14.773						
11/5/2016 4:30:00 PM	239400.000	123.883	19.666	279.059	41739.738	46474.219	30.471	31.602
23.958	1.021	14.779						
11/5/2016 4:45:00 PM	240300.000	123.865	19.676	279.018	41700.359	46421.004	30.432	31.566
23.981	1.021	14.777						
11/5/2016 5:00:00 PM	241200.000	123.847	19.673	278.978	41727.258	46453.953	30.456	31.589
23.965	1.021	14.774						
11/5/2016 5:15:00 PM	242100.000	123.850	19.669	278.985	41712.035	46441.055	30.447	31.580
23.974	1.021	14.769						
11/5/2016 5:30:00 PM	243000.000	123.798	19.667	278.867	41720.594	46452.480	30.455	31.588
23.969	1.021	14.765						
11/5/2016 5:45:00 PM	243900.000	123.778	19.665	278.822	41694.613	46424.832	30.435	31.569
23.984	1.021	14.767						
11/5/2016 6:00:00 PM	244800.000	123.734	19.669	278.724	41688.363	46414.012	30.427	31.562
23.988	1.021	14.767						
11/5/2016 6:15:00 PM	245700.000	123.712	19.673	278.673	41721.207	46447.484	30.452	31.584
23.969	1.021	14.760						
11/5/2016 6:30:00 PM	246600.000	123.682	19.670	278.606	41758.027	46490.719	30.483	31.614
23.947	1.021	14.759						
11/5/2016 6:45:00 PM	247500.000	123.656	19.664	278.546	41709.961	46443.301	30.448	31.581
23.975	1.021	14.757						
11/5/2016 7:00:00 PM	248400.000	123.620	19.664	278.467	41709.488	46442.859	30.448	31.581
23.975	1.021	14.767						
11/5/2016 7:15:00 PM	249300.000	123.589	19.670	278.396	41713.215	46441.168	30.447	31.580
23.973	1.021	14.763						
11/5/2016 7:30:00 PM	250200.000	123.566	19.678	278.344	41721.813	46442.383	30.448	31.581

23.968	1.021	14.757						
11/5/2016 7:45:00 PM	251100.000	123.536	19.676	278.278	41714.645	46436.824	30.444	31.577
23.972	1.021	14.763						
11/5/2016 8:00:00 PM	252000.000	123.509	19.672	278.215	41703.219	46428.141	30.437	31.571
23.979	1.021	14.759						
11/5/2016 8:15:00 PM	252900.000	123.483	19.671	278.157	41718.781	46446.328	30.451	31.584
23.970	1.021	14.766						
11/5/2016 8:30:00 PM	253800.000	123.466	19.663	278.120	41724.004	46459.723	30.460	31.593
23.967	1.021	14.764						
11/5/2016 8:45:00 PM	254700.000	123.456	19.657	278.096	41719.398	46460.699	30.461	31.593
23.970	1.021	14.755						
11/5/2016 9:00:00 PM	255600.000	123.423	19.661	278.021	41699.406	46434.480	30.442	31.575
23.981	1.021	14.764						
11/5/2016 9:15:00 PM	256500.000	123.423	19.661	278.022	41725.781	46463.852	30.463	31.595
23.966	1.021	14.759						
11/5/2016 9:30:00 PM	257400.000	123.416	19.658	278.007	41729.395	46470.453	30.468	31.600
23.964	1.021	14.759						
11/5/2016 9:45:00 PM	258300.000	123.403	19.666	277.976	41708.430	46439.539	30.446	31.579
23.976	1.021	14.761						
11/5/2016 10:00:00 PM	259200.000	123.394	19.665	277.958	41722.473	46456.723	30.458	31.591
23.968	1.021	14.767						
11/5/2016 10:15:00 PM	260100.000	123.385	19.669	277.937	41680.203	46405.441	30.421	31.556
23.992	1.021	14.766						
11/5/2016 10:30:00 PM	261000.000	123.388	19.676	277.943	41716.848	46438.930	30.446	31.578
23.971	1.021	14.769						
11/5/2016 10:45:00 PM	261900.000	123.384	19.679	277.934	41721.461	46441.133	30.447	31.580
23.968	1.021	14.770						
11/5/2016 11:00:00 PM	262800.000	123.392	19.680	277.952	41724.797	46444.508	30.450	31.582
23.967	1.021	14.774						
11/5/2016 11:15:00 PM	263700.000	123.399	19.668	277.967	41693.164	46421.074	30.432	31.566
23.985	1.021	14.776						
11/5/2016 11:30:00 PM	264600.000	123.416	19.673	278.007	41748.109	46477.086	30.473	31.604
23.953	1.021	14.772						
11/5/2016 11:45:00 PM	265500.000	123.429	19.677	278.036	41743.832	46467.934	30.467	31.598
23.956	1.021	14.768						
11/6/2016 12:00:00 AM	266400.000	123.438	19.678	278.056	41713.688	46433.602	30.442	31.575
23.973	1.021	14.769						
11/6/2016 12:15:00 AM	267300.000	123.465	19.666	278.117	41716.578	46448.523	30.452	31.585
23.971	1.021	14.767						
11/6/2016 12:30:00 AM	268200.000	123.496	19.668	278.187	41704.398	46433.332	30.441	31.575
23.978	1.021	14.761						
11/6/2016 12:45:00 AM	269100.000	123.515	19.660	278.230	41694.465	46429.926	30.438	31.572
23.984	1.021	14.773						
11/6/2016 1:00:00 AM	270000.000	123.539	19.654	278.283	41722.016	46466.805	30.465	31.597
23.968	1.021	14.772						
11/6/2016 1:15:00 AM	270900.000	123.544	19.655	278.295	41717.539	46460.613	30.460	31.593
23.971	1.021	14.772						
11/6/2016 1:30:00 AM	271800.000	123.580	19.655	278.376	41700.859	46442.469	30.447	31.581
23.980	1.021	14.769						
11/6/2016 1:45:00 AM	272700.000	123.611	19.655	278.447	41707.117	46448.738	30.452	31.585
23.977	1.021	14.771						
11/6/2016 2:00:00 AM	273600.000	123.632	19.655	278.494	41699.152	46439.961	30.445	31.579
23.981	1.021	14.773						
11/6/2016 2:15:00 AM	274500.000	123.644	19.655	278.520	41702.520	46444.398	30.449	31.582
23.979	1.021	14.775						
11/6/2016 2:30:00 AM	275400.000	123.668	19.656	278.574	41710.016	46451.457	30.454	31.587
23.975	1.021	14.775						
11/6/2016 2:45:00 AM	276300.000	123.710	19.655	278.668	41710.051	46452.785	30.455	31.588
23.975	1.021	14.768						
11/6/2016 2:00:00 AM	277200.000	123.721	19.652	278.693	41714.379	46460.625	30.460	31.593
23.973	1.021	14.775						
11/6/2016 2:15:00 AM	278100.000	123.750	19.657	278.760	41689.238	46427.023	30.436	31.570
23.987	1.021	14.771						
11/6/2016 2:30:00 AM	279000.000	123.762	19.663	278.786	41688.008	46420.234	30.431	31.566
23.988	1.021	14.773						
11/6/2016 2:45:00 AM	279900.000	123.790	19.669	278.848	41702.359	46430.109	30.439	31.572
23.979	1.021	14.776						
11/6/2016 3:00:00 AM	280800.000	123.785	19.666	278.837	41718.426	46450.918	30.454	31.587
23.970	1.021	14.773						
11/6/2016 3:15:00 AM	281700.000	123.804	19.660	278.880	41712.641	46449.820	30.453	31.586
23.974	1.021	14.774						
11/6/2016 3:30:00 AM	282600.000	123.816	19.661	278.908	41701.457	46436.766	30.443	31.577
23.980	1.021	14.769						
11/6/2016 3:45:00 AM	283500.000	123.830	19.657	278.940	41705.188	46444.965	30.449	31.583
23.978	1.021	14.773						
11/6/2016 4:00:00 AM	284400.000	123.838	19.665	278.956	41722.977	46456.414	30.458	31.590
23.968	1.021	14.767						
11/6/2016 4:15:00 AM	285300.000	123.861	19.667	279.009	41721.996	46453.520	30.456	31.588
23.968	1.021	14.757						
11/6/2016 4:30:00 AM	286200.000	123.853	19.663	278.991	41709.617	46444.043	30.449	31.582
23.975	1.021	14.763						
11/6/2016 4:45:00 AM	287100.000	123.864	19.661	279.016	41720.477	46457.770	30.459	31.591
23.969	1.021	14.763						
11/6/2016 5:00:00 AM	288000.000	123.844	19.663	278.971	41686.176	46417.938	30.430	31.564
23.989	1.021	14.770						
11/6/2016 5:15:00 AM	288900.000	123.841	19.666	278.965	41694.191	46423.430	30.434	31.568
23.984	1.021	14.771						
11/6/2016 5:30:00 AM	289800.000	123.839	19.669	278.959	41735.191	46466.660	30.465	31.597
23.961	1.021	14.768						
11/6/2016 5:45:00 AM	290700.000	123.852	19.671	278.989	41681.555	46404.707	30.420	31.555
23.991	1.021	14.765						
11/6/2016 6:00:00 AM	291600.000	123.842	19.674	278.966	41708.836	46431.984	30.440	31.574
23.976	1.021	14.764						
11/6/2016 6:15:00 AM	292500.000	123.838	19.675	278.957	41738.906	46464.691	30.464	31.596
23.958	1.021	14.777						
11/6/2016 6:30:00 AM	293400.000	123.827	19.671	278.933	41731.324	46460.035	30.461	31.593
23.963	1.021	14.773						
11/6/2016 6:45:00 AM	294300.000	123.845	19.660	278.973	41716.016	46454.266	30.456	31.589
23.972	1.021	14.769						
11/6/2016 7:00:00 AM	295200.000	123.834	19.662	278.948	41719.805	46456.684	30.458	31.591
23.969	1.021	14.771						
11/6/2016 7:15:00 AM	296100.000	123.818	19.661	278.912	41713.859	46450.746	30.454	31.587
23.973	1.021	14.777						
11/6/2016 7:30:00 AM	297000.000	123.802	19.660	278.876	41709.066	46445.930	30.450	31.583
23.976	1.021	14.779						
11/6/2016 7:45:00 AM	297900.000	123.813	19.654	278.900	41709.449	46452.461	30.454	31.588
23.975	1.021	14.772						
11/6/2016 8:00:00 AM	298800.000	123.806	19.658	278.886	41695.055	46433.160	30.441	31.575
23.984	1.021	14.783						
11/6/2016 8:15:00 AM	299700.000	123.802	19.655	278.876	41690.539	46430.453	30.438	31.573
23.986	1.021	14.778						
11/6/2016 8:30:00 AM	300600.000	123.791	19.650	278.851	41721.570	46470.523	30.467	31.600
23.968	1.021	14.782						
11/6/2016 8:45:00 AM	301500.000	123.784	19.652	278.837	41693.215	46436.348	30.443	31.577
23.985	1.021	14.784						
11/6/2016 9:00:00 AM	302400.000	123.792	19.651	278.854	41700.395	46445.566	30.449	31.583
23.981	1.021	14.790						
11/6/2016 9:15:00 AM	303300.000	123.804	19.652	278.880	41710.262	46456.039	30.457	31.590
23.975	1.021	14.785						
11/6/2016 9:30:00 AM	304200.000	123.788	19.652	278.844	41666.070	46406.117	30.421	31.556
24.000	1.021	14.793						
11/6/2016 9:45:00 AM	305100.000	123.794	19.653	278.859	41704.945	46448.219	30.451	31.585
23.978	1.021	14.785						
11/6/2016 10:00:00 AM	306000.000	123.801	19.661	278.873	41724.992	46462.625	30.462	31.595
23.966	1.021	14.783						
11/6/2016 10:15:00 AM	306900.000	123.807	19.654	278.887	41685.109	46425.867	30.435	31.570
23.989	1.021	14.786						
11/6/2016 10:30:00 AM	307800.000	123.823	19.652	278.923	41693.395	46436.309	30.443	31.577
23.985	1.021	14.785						
11/6/2016 10:45:00 AM	308700.000	123.820	19.653	278.918	41680.082	46421.215	30.432	31.566
23.992	1.021	14.791						
11/6/2016 11:00:00 AM	309600.000	123.819	19.653	278.914	41687.914	46429.250	30.437	31.572
23.988	1.021	14.795						

11/6/2016 11:15:00 AM	310500.000	123.852	19.655	278.989	41692.828	46433.184	30.440	31.575
23.985	1.021	14.788						
11/6/2016 11:30:00 AM	311400.000	123.858	19.654	279.002	41686.176	46426.891	30.436	31.570
23.989	1.021	14.789						
11/6/2016 11:45:00 AM	312300.000	123.867	19.655	279.023	41716.652	46459.453	30.460	31.592
23.971	1.021	14.784						
11/6/2016 12:00:00 PM	313200.000	123.877	19.662	279.044	41716.016	46451.770	30.454	31.587
23.972	1.021	14.783						
11/6/2016 12:15:00 PM	314100.000	123.894	19.661	279.084	41720.566	46457.871	30.459	31.591
23.969	1.021	14.778						
11/6/2016 12:30:00 PM	315000.000	123.894	19.661	279.083	41725.723	46464.297	30.463	31.596
23.966	1.021	14.787						
11/6/2016 12:45:00 PM	315900.000	123.911	19.664	279.122	41707.926	46440.695	30.446	31.580
23.976	1.021	14.783						
11/6/2016 1:00:00 PM	316800.000	123.922	19.663	279.146	41718.105	46453.832	30.456	31.589
23.970	1.021	14.782						
11/6/2016 1:15:00 PM	317700.000	123.931	19.657	279.168	41707.117	46447.281	30.451	31.584
23.977	1.021	14.785						
11/6/2016 1:30:00 PM	318600.000	123.942	19.658	279.192	41719.844	46459.898	30.460	31.593
23.969	1.021	14.781						
11/6/2016 1:45:00 PM	319500.000	123.954	19.663	279.218	41708.324	46442.785	30.448	31.581
23.976	1.021	14.777						
11/6/2016 2:00:00 PM	320400.000	123.954	19.661	279.219	41694.910	46429.645	30.438	31.572
23.984	1.021	14.775						
11/6/2016 2:15:00 PM	321300.000	123.945	19.673	279.198	41719.027	46444.625	30.450	31.582
23.970	1.021	14.781						
11/6/2016 2:30:00 PM	322200.000	123.952	19.672	279.214	41737.000	46465.930	30.465	31.597
23.960	1.021	14.778						
11/6/2016 2:45:00 PM	323100.000	123.944	19.660	279.196	41715.512	46453.523	30.456	31.588
23.972	1.021	14.782						
11/6/2016 3:00:00 PM	324000.000	123.942	19.658	279.192	41706.969	46445.563	30.450	31.583
23.977	1.021	14.778						
11/6/2016 3:15:00 PM	324900.000	123.943	19.668	279.193	41710.258	46439.855	30.446	31.579
23.975	1.021	14.779						
11/6/2016 3:30:00 PM	325800.000	123.923	19.669	279.149	41710.035	46438.570	30.445	31.578
23.975	1.021	14.778						
11/6/2016 3:45:00 PM	326700.000	123.912	19.662	279.124	41717.254	46453.746	30.456	31.589
23.971	1.021	14.782						
11/6/2016 4:00:00 PM	327600.000	123.905	19.657	279.107	41695.438	46434.191	30.441	31.575
23.983	1.021	14.785						
11/6/2016 4:15:00 PM	328500.000	123.885	19.658	279.063	41722.043	46462.695	30.462	31.595
23.968	1.021	14.784						
11/6/2016 4:30:00 PM	329400.000	123.873	19.661	279.037	41708.785	46445.098	30.449	31.583
23.976	1.021	14.780						
11/6/2016 4:45:00 PM	330300.000	123.842	19.662	278.965	41711.270	46447.004	30.451	31.584
23.974	1.021	14.785						
11/6/2016 5:00:00 PM	331200.000	123.823	19.659	278.922	41724.746	46464.324	30.463	31.596
23.967	1.021	14.785						
11/6/2016 5:15:00 PM	332100.000	123.795	19.660	278.859	41725.211	46463.984	30.463	31.596
23.966	1.021	14.789						
11/6/2016 5:30:00 PM	333000.000	123.774	19.658	278.813	41713.582	46453.016	30.455	31.588
23.973	1.021	14.786						
11/6/2016 5:45:00 PM	333900.000	123.741	19.661	278.738	41704.434	46439.730	30.445	31.579
23.978	1.021	14.796						
11/6/2016 6:00:00 PM	334800.000	123.707	19.667	278.663	41728.234	46461.070	30.461	31.594
23.965	1.021	14.796						
11/6/2016 6:15:00 PM	335700.000	123.685	19.667	278.612	41727.156	46459.094	30.460	31.592
23.965	1.021	14.787						
11/6/2016 6:30:00 PM	336600.000	123.656	19.666	278.548	41725.992	46458.836	30.460	31.592
23.966	1.021	14.790						
11/6/2016 6:45:00 PM	337500.000	123.617	19.662	278.460	41737.207	46475.195	30.471	31.603
23.959	1.021	14.797						
11/6/2016 7:00:00 PM	338400.000	123.591	19.664	278.400	41705.945	46438.832	30.445	31.578
23.977	1.021	14.796						
11/6/2016 7:15:00 PM	339300.000	123.567	19.661	278.348	41734.754	46474.270	30.471	31.603
23.961	1.021	14.798						
11/6/2016 7:30:00 PM	340200.000	123.540	19.655	278.286	41711.500	46453.977	30.456	31.589
23.974	1.021	14.796						
11/6/2016 7:45:00 PM	341100.000	123.508	19.655	278.214	41725.328	46469.801	30.467	31.599
23.966	1.021	14.803						
11/6/2016 8:00:00 PM	342000.000	123.486	19.655	278.164	41698.707	46439.551	30.445	31.579
23.982	1.021	14.794						
11/6/2016 8:15:00 PM	342900.000	123.469	19.668	278.125	41712.707	46442.922	30.448	31.581
23.974	1.021	14.791						
11/6/2016 8:30:00 PM	343800.000	123.442	19.666	278.065	41700.375	46430.910	30.439	31.573
23.981	1.021	14.793						
11/6/2016 8:45:00 PM	344700.000	123.424	19.659	278.025	41702.008	46439.270	30.445	31.579
23.980	1.021	14.794						
11/6/2016 9:00:00 PM	345600.000	123.410	19.660	277.993	41700.711	46437.305	30.444	31.577
23.980	1.021	14.792						
11/6/2016 9:15:00 PM	346500.000	123.388	19.663	277.942	41721.816	46457.543	30.459	31.591
23.968	1.021	14.792						
11/6/2016 9:30:00 PM	347400.000	123.399	19.670	277.969	41708.836	46436.195	30.443	31.577
23.976	1.021	14.785						
11/6/2016 9:45:00 PM	348300.000	123.382	19.674	277.930	41701.988	46424.535	30.435	31.569
23.980	1.021	14.782						
11/6/2016 10:00:00 PM	349200.000	123.376	19.667	277.917	41727.754	46460.188	30.461	31.593
23.965	1.021	14.783						
11/6/2016 10:15:00 PM	350100.000	123.380	19.660	277.925	41690.789	46425.746	30.435	31.570
23.986	1.021	14.788						
11/6/2016 10:30:00 PM	351000.000	123.366	19.660	277.894	41735.426	46476.145	30.472	31.604
23.960	1.021	14.794						
11/6/2016 10:45:00 PM	351900.000	123.384	19.661	277.935	41721.699	46459.734	30.460	31.593
23.968	1.021	14.787						
11/6/2016 11:00:00 PM	352800.000	123.380	19.664	277.926	41713.285	46446.664	30.451	31.584
23.973	1.021	14.791						
11/6/2016 11:15:00 PM	353700.000	123.396	19.674	277.961	41713.059	46436.602	30.444	31.577
23.973	1.021	14.789						
11/6/2016 11:30:00 PM	354600.000	123.407	19.671	277.986	41707.246	46433.664	30.441	31.575
23.977	1.021	14.791						
11/6/2016 11:45:00 PM	355500.000	123.424	19.672	278.025	41723.813	46451.066	30.454	31.587
23.967	1.021	14.789						
11/7/2016 12:00:00 AM	356400.000	123.445	19.674	278.072	41725.258	46450.348	30.454	31.586
23.966	1.021	14.789						
11/7/2016 12:15:00 AM	357300.000	123.469	19.666	278.126	41722.914	46455.313	30.457	31.590
23.968	1.021	14.785						
11/7/2016 12:30:00 AM	358200.000	123.491	19.667	278.174	41726.309	46458.578	30.460	31.592
23.966	1.021	14.783						
11/7/2016 12:45:00 AM	359100.000	123.513	19.665	278.224	41709.063	46441.789	30.447	31.580
23.976	1.021	14.790						
11/7/2016 1:00:00 AM	360000.000	123.532	19.669	278.268	41695.477	46422.105	30.433	31.567
23.983	1.021	14.790						
11/7/2016 1:15:00 AM	360900.000	123.561	19.664	278.334	41706.379	46439.742	30.446	31.579
23.977	1.021	14.787						
11/7/2016 1:30:00 AM	361800.000	123.577	19.663	278.369	41729.082	46465.375	30.464	31.596
23.964	1.021	14.793						
11/7/2016 1:45:00 AM	362700.000	123.604	19.666	278.429	41751.652	46487.664	30.481	31.612
23.951	1.021	14.788						
11/7/2016 2:00:00 AM	363600.000	123.637	19.663	278.503	41696.117	46429.348	30.438	31.572
23.983	1.021	14.787						
11/7/2016 2:15:00 AM	364500.000	123.663	19.671	278.564	41724.070	46452.039	30.455	31.587
23.967	1.021	14.786						
11/7/2016 2:30:00 AM	365400.000	123.689	19.665	278.620	41696.344	46427.191	30.436	31.570
23.983	1.021	14.788						
11/7/2016 2:45:00 AM	366300.000	123.727	19.666	278.708	41710.910	46442.816	30.448	31.581
23.975	1.021	14.781						
11/7/2016 3:00:00 AM	367200.000	123.740	19.660	278.736	41740.789	46481.164	30.476	31.607
23.957	1.021	14.787						
11/7/2016 3:15:00 AM	368100.000	123.758	19.658	278.777	41699.375	46437.289	30.444	31.577
23.981	1.021	14.790						
11/7/2016 3:30:00 AM	369000.000	123.790	19.658	278.848	41715.148	46455.102	30.457	31.589
23.972	1.021	14.783						
11/7/2016 3:45:00 AM	369900.000	123.805	19.663	278.882	41713.984	46449.086	30.452	31.585

23.973	1.021	14.788						
11/7/2016 4:00:00 AM	370800.000	123.816	19.662	278.908	41707.246	46442.004	30.447	31.581
23.977	1.021	14.788						
11/7/2016 4:15:00 AM	371700.000	123.830	19.664	278.940	41717.949	46452.121	30.455	31.587
23.970	1.021	14.787						
11/7/2016 4:30:00 AM	372600.000	123.830	19.672	278.940	41695.387	46419.504	30.431	31.565
23.983	1.021	14.795						
11/7/2016 4:45:00 AM	373500.000	123.853	19.665	278.991	41720.379	46454.125	30.456	31.589
23.969	1.021	14.789						
11/7/2016 5:00:00 AM	374400.000	123.871	19.659	279.032	41715.063	46454.148	30.456	31.589
23.972	1.021	14.790						
11/7/2016 5:15:00 AM	375300.000	123.866	19.665	279.020	41712.926	46445.488	30.450	31.583
23.973	1.021	14.792						
11/7/2016 5:30:00 AM	376200.000	123.867	19.664	279.023	41704.957	46438.074	30.444	31.578
23.978	1.021	14.795						
11/7/2016 5:45:00 AM	377100.000	123.871	19.666	279.031	41726.359	46459.934	30.460	31.593
23.966	1.021	14.791						
11/7/2016 6:00:00 AM	378000.000	123.865	19.661	279.018	41691.934	46426.672	30.436	31.570
23.985	1.021	14.795						
11/7/2016 6:15:00 AM	378900.000	123.865	19.664	279.017	41747.609	46485.055	30.479	31.610
23.953	1.021	14.794						
11/7/2016 6:30:00 AM	379800.000	123.868	19.670	279.024	41680.992	46405.293	30.421	31.556
23.992	1.021	14.787						
11/7/2016 6:45:00 AM	380700.000	123.859	19.674	279.004	41730.961	46456.617	30.458	31.591
23.963	1.021	14.788						
11/7/2016 7:00:00 AM	381600.000	123.848	19.679	278.980	41707.523	46425.801	30.436	31.570
23.976	1.021	14.799						
11/7/2016 7:15:00 AM	382500.000	123.847	19.673	278.978	41760.445	46490.734	30.483	31.614
23.946	1.021	14.794						
11/7/2016 7:30:00 AM	383400.000	123.829	19.677	278.936	41717.273	46438.625	30.445	31.578
23.971	1.021	14.802						
11/7/2016 7:45:00 AM	384300.000	123.828	19.666	278.934	41728.781	46462.281	30.462	31.594
23.964	1.021	14.802						
11/7/2016 8:00:00 AM	385200.000	123.814	19.662	278.904	41714.434	46450.266	30.453	31.586
23.973	1.021	14.801						
11/7/2016 8:15:00 AM	386100.000	123.802	19.664	278.876	41722.594	46457.031	30.458	31.591
23.968	1.021	14.806						
11/7/2016 8:30:00 AM	387000.000	123.792	19.671	278.853	41686.566	46410.121	30.424	31.559
23.989	1.021	14.802						
11/7/2016 8:45:00 AM	387900.000	123.788	19.663	278.845	41714.211	46448.977	30.452	31.585
23.973	1.021	14.807						
11/7/2016 9:00:00 AM	388800.000	123.779	19.664	278.825	41687.457	46417.988	30.430	31.564
23.988	1.021	14.800						
11/7/2016 9:15:00 AM	389700.000	123.776	19.676	278.819	41731.840	46455.617	30.458	31.590
23.963	1.021	14.807						
11/7/2016 9:30:00 AM	390600.000	123.760	19.677	278.782	41717.559	46439.027	30.446	31.579
23.971	1.021	14.812						
11/7/2016 9:45:00 AM	391500.000	123.775	19.674	278.816	41728.465	46454.438	30.457	31.589
23.964	1.021	14.793						
11/7/2016 10:00:00 AM	392400.000	123.758	19.675	278.778	41722.402	46445.977	30.451	31.583
23.968	1.021	14.800						
11/7/2016 10:15:00 AM	393300.000	123.776	19.669	278.818	41720.625	46450.539	30.454	31.586
23.969	1.021	14.798						
11/7/2016 10:30:00 AM	394200.000	123.765	19.662	278.792	41709.000	46444.043	30.449	31.582
23.976	1.021	14.798						
11/7/2016 10:45:00 AM	395100.000	123.770	19.661	278.805	41685.488	46419.230	30.430	31.565
23.989	1.021	14.794						
11/7/2016 11:00:00 AM	396000.000	123.774	19.657	278.813	41704.535	46444.484	30.449	31.582
23.978	1.021	14.795						
11/7/2016 11:15:00 AM	396900.000	123.780	19.653	278.827	41711.734	46455.867	30.457	31.590
23.974	1.021	14.791						
11/7/2016 11:30:00 AM	397800.000	123.786	19.655	278.840	41691.172	46431.590	30.439	31.573
23.986	1.021	14.785						
11/7/2016 11:45:00 AM	398700.000	123.786	19.656	278.841	41711.363	46453.223	30.455	31.588
23.974	1.021	14.792						
11/7/2016 12:00:00 PM	399600.000	123.794	19.664	278.857	41730.805	46466.074	30.465	31.597
23.963	1.021	14.787						
11/7/2016 12:15:00 PM	400500.000	123.806	19.671	278.885	41725.258	46453.965	30.456	31.589
23.966	1.021	14.775						
11/7/2016 12:30:00 PM	401400.000	123.820	19.669	278.917	41731.867	46462.539	30.463	31.595
23.963	1.021	14.768						
11/7/2016 12:45:00 PM	402300.000	123.832	19.673	278.943	41740.746	46468.805	30.467	31.599
23.957	1.021	14.772						
11/7/2016 1:00:00 PM	403200.000	123.841	19.664	278.964	41703.719	46435.914	30.443	31.576
23.979	1.021	14.771						
11/7/2016 1:15:00 PM	404100.000	123.856	19.668	278.999	41703.191	46431.809	30.440	31.574
23.979	1.021	14.769						
11/7/2016 1:30:00 PM	405000.000	123.858	19.668	279.003	41717.859	46448.141	30.452	31.585
23.971	1.021	14.773						
11/7/2016 1:45:00 PM	405900.000	123.885	19.655	279.063	41700.250	46441.789	30.447	31.580
23.981	1.021	14.770						
11/7/2016 2:00:00 PM	406800.000	123.899	19.655	279.095	41705.051	46446.953	30.450	31.584
23.978	1.021	14.765						
11/7/2016 2:15:00 PM	407700.000	123.908	19.657	279.116	41685.715	46423.098	30.433	31.568
23.989	1.021	14.768						
11/7/2016 2:30:00 PM	408600.000	123.913	19.659	279.125	41716.594	46455.852	30.457	31.590
23.971	1.021	14.770						
11/7/2016 2:45:00 PM	409500.000	123.922	19.653	279.147	41681.148	46421.805	30.432	31.567
23.992	1.021	14.772						
11/7/2016 3:00:00 PM	410400.000	123.934	19.653	279.173	41715.941	46461.156	30.461	31.594
23.972	1.021	14.772						
11/7/2016 3:15:00 PM	411300.000	123.930	19.660	279.165	41719.957	46458.738	30.459	31.592
23.969	1.021	14.775						
11/7/2016 3:30:00 PM	412200.000	123.933	19.660	279.172	41705.398	46441.848	30.447	31.580
23.978	1.021	14.777						
11/7/2016 3:45:00 PM	413100.000	123.931	19.656	279.167	41735.969	46479.758	30.475	31.606
23.960	1.021	14.777						
11/7/2016 4:00:00 PM	414000.000	123.928	19.661	279.160	41714.707	46452.031	30.454	31.587
23.972	1.021	14.779						
11/7/2016 4:15:00 PM	414900.000	123.931	19.664	279.166	41697.332	46428.902	30.438	31.572
23.982	1.021	14.780						
11/7/2016 4:30:00 PM	415800.000	123.950	19.665	279.209	41709.617	46442.242	30.447	31.581
23.975	1.021	14.777						
11/7/2016 4:45:00 PM	416700.000	123.906	19.665	279.111	41720.418	46454.168	30.456	31.589
23.969	1.021	14.783						
11/7/2016 5:00:00 PM	417600.000	123.886	19.672	279.065	41737.125	46466.070	30.465	31.597
23.959	1.021	14.786						
11/7/2016 5:15:00 PM	418500.000	123.881	19.668	279.054	41707.387	46436.223	30.443	31.577
23.977	1.021	14.777						
11/7/2016 5:30:00 PM	419400.000	123.853	19.670	278.991	41718.156	46446.230	30.451	31.583
23.970	1.021	14.786						
11/7/2016 5:45:00 PM	420300.000	123.841	19.659	278.965	41721.891	46461.230	30.461	31.594
23.968	1.021	14.783						
11/7/2016 6:00:00 PM	421200.000	123.815	19.656	278.905	41721.570	46463.813	30.463	31.595
23.968	1.021	14.790						
11/7/2016 6:15:00 PM	422100.000	123.793	19.658	278.856	41667.211	46401.203	30.417	31.553
24.000	1.021	14.787						
11/7/2016 6:30:00 PM	423000.000	123.774	19.671	278.813	41704.289	46429.672	30.439	31.572
23.978	1.021	14.780						
11/7/2016 6:45:00 PM	423900.000	123.739	19.667	278.735	41698.012	46427.336	30.437	31.571
23.982	1.021	14.789						
11/7/2016 7:00:00 PM	424800.000	123.709	19.660	278.668	41711.020	46448.965	30.452	31.585
23.974	1.021	14.792						
11/7/2016 7:15:00 PM	425700.000	123.684	19.657	278.610	41721.746	46463.406	30.463	31.595
23.968	1.021	14.787						
11/7/2016 7:30:00 PM	426600.000	123.649	19.661	278.531	41728.316	46466.848	30.465	31.597
23.965	1.021	14.790						
11/7/2016 7:45:00 PM	427500.000	123.618	19.674	278.461	41703.813	46426.820	30.437	31.570
23.979	1.021	14.788						
11/7/2016 8:00:00 PM	428400.000	123.591	19.663	278.400	41729.090	46465.723	30.465	31.597
23.964	1.021	14.787						
11/7/2016 8:15:00 PM	429300.000	123.566	19.675	278.343	41723.957	46448.047	30.452	31.585
23.967	1.021	14.788						

11/7/2016 8:30:00 PM	430200.000	123.542	19.667	278.289	41718.719	46450.559	30.454	31.586
23.970	1.021	14.784						
11/7/2016 8:45:00 PM	431100.000	123.515	19.662	278.229	41690.242	46423.242	30.433	31.568
23.986	1.021	14.784						
11/7/2016 9:00:00 PM	432000.000	123.496	19.659	278.187	41725.156	46465.387	30.464	31.596
23.966	1.021	14.783						
11/7/2016 9:15:00 PM	432900.000	123.482	19.657	278.154	41692.547	46430.797	30.439	31.573
23.985	1.021	14.779						
11/7/2016 9:30:00 PM	433800.000	123.452	19.654	278.089	41732.609	46478.867	30.474	31.606
23.962	1.021	14.783						
11/7/2016 9:45:00 PM	434700.000	123.439	19.653	278.059	41718.172	46463.465	30.462	31.595
23.970	1.021	14.780						
11/7/2016 10:00:00 PM	435600.000	123.428	19.654	278.033	41691.055	46431.805	30.439	31.574
23.986	1.021	14.779						
11/7/2016 10:15:00 PM	436500.000	123.416	19.655	278.007	41702.102	46443.074	30.448	31.581
23.980	1.021	14.784						
11/7/2016 10:30:00 PM	437400.000	123.403	19.656	277.977	41688.250	46427.383	30.436	31.571
23.988	1.021	14.784						
11/7/2016 10:45:00 PM	438300.000	123.389	19.665	277.947	41715.352	46448.188	30.452	31.585
23.972	1.021	14.785						
11/7/2016 11:00:00 PM	439200.000	123.390	19.659	277.949	41702.297	46439.766	30.445	31.579
23.979	1.021	14.780						
11/7/2016 11:15:00 PM	440100.000	123.380	19.660	277.926	41722.797	46462.082	30.462	31.594
23.968	1.021	14.786						
11/7/2016 11:30:00 PM	441000.000	123.392	19.670	277.953	41734.332	46464.844	30.464	31.596
23.961	1.021	14.779						
11/7/2016 11:45:00 PM	441900.000	123.393	19.671	277.955	41696.211	46420.859	30.432	31.566
23.983	1.021	14.783						
11/8/2016 12:00:00 AM	442800.000	123.406	19.673	277.984	41702.496	46425.793	30.436	31.570
23.979	1.021	14.776						
11/8/2016 12:15:00 AM	443700.000	123.418	19.674	278.012	41707.012	46430.125	30.439	31.572
23.977	1.021	14.776						
11/8/2016 12:30:00 AM	444600.000	123.442	19.673	278.066	41684.406	46405.566	30.421	31.556
23.990	1.021	14.773						
11/8/2016 12:45:00 AM	445500.000	123.456	19.673	278.097	41684.492	46406.094	30.421	31.556
23.990	1.021	14.779						
11/8/2016 1:00:00 AM	446400.000	123.479	19.676	278.149	41732.367	46456.121	30.458	31.590
23.962	1.021	14.776						
11/8/2016 1:15:00 AM	447300.000	123.501	19.673	278.199	41738.527	46466.590	30.466	31.597
23.959	1.021	14.777						
11/8/2016 1:30:00 AM	448200.000	123.525	19.665	278.253	41748.574	46485.617	30.479	31.610
23.953	1.021	14.781						
11/8/2016 1:45:00 AM	449100.000	123.558	19.660	278.327	41700.285	46436.930	30.443	31.577
23.981	1.021	14.778						
11/8/2016 2:00:00 AM	450000.000	123.580	19.669	278.375	41740.262	46472.223	30.470	31.601
23.958	1.021	14.778						
11/8/2016 2:15:00 AM	450900.000	123.619	19.670	278.465	41710.961	46438.906	30.445	31.578
23.975	1.021	14.777						
11/8/2016 2:30:00 AM	451800.000	123.637	19.669	278.505	41715.445	46444.934	30.450	31.583
23.972	1.021	14.773						
11/8/2016 2:45:00 AM	452700.000	123.673	19.668	278.585	41739.527	46472.785	30.470	31.601
23.958	1.021	14.774						
11/8/2016 3:00:00 AM	453600.000	123.705	19.668	278.658	41703.090	46431.438	30.440	31.573
23.979	1.021	14.772						
11/8/2016 3:15:00 AM	454500.000	123.731	19.670	278.717	41704.434	46431.391	30.440	31.573
23.978	1.021	14.775						
11/8/2016 3:30:00 AM	455400.000	123.756	19.668	278.772	41730.418	46462.121	30.462	31.594
23.963	1.021	14.773						
11/8/2016 3:45:00 AM	456300.000	123.787	19.669	278.842	41731.887	46463.078	30.463	31.595
23.962	1.021	14.772						
11/8/2016 4:00:00 AM	457200.000	123.812	19.660	278.898	41699.488	46435.941	30.443	31.576
23.981	1.021	14.774						
11/8/2016 4:15:00 AM	458100.000	123.831	19.651	278.942	41690.184	46433.754	30.441	31.575
23.986	1.021	14.772						
11/8/2016 4:30:00 AM	459000.000	123.852	19.654	278.989	41696.785	46438.359	30.444	31.578
23.983	1.021	14.775						
11/8/2016 4:45:00 AM	459900.000	123.878	19.654	279.048	41673.031	46411.902	30.425	31.560
23.996	1.021	14.769						
11/8/2016 5:00:00 AM	460800.000	123.895	19.652	279.087	41732.141	46479.973	30.474	31.606
23.962	1.021	14.773						
11/8/2016 5:15:00 AM	461700.000	123.902	19.654	279.102	41702.828	46445.262	30.449	31.583
23.979	1.021	14.775						
11/8/2016 5:30:00 AM	462600.000	123.912	19.660	279.124	41722.820	46461.660	30.461	31.594
23.968	1.021	14.778						
11/8/2016 5:45:00 AM	463500.000	123.921	19.659	279.145	41671.883	46405.813	30.421	31.556
23.997	1.021	14.779						
11/8/2016 6:00:00 AM	464400.000	123.921	19.666	279.144	41709.414	46441.066	30.447	31.580
23.975	1.021	14.782						
11/8/2016 6:15:00 AM	465300.000	123.928	19.671	279.159	41689.453	46413.938	30.427	31.561
23.987	1.021	14.778						
11/8/2016 6:30:00 AM	466200.000	123.927	19.674	279.157	41731.316	46457.012	30.459	31.591
23.963	1.021	14.777						
11/8/2016 6:45:00 AM	467100.000	123.919	19.669	279.140	41702.414	46429.566	30.438	31.572
23.979	1.021	14.783						
11/8/2016 7:00:00 AM	468000.000	123.905	19.660	279.108	41729.449	46469.309	30.467	31.599
23.964	1.021	14.791						
11/8/2016 7:15:00 AM	468900.000	123.905	19.662	279.109	41687.449	46419.879	30.431	31.566
23.988	1.021	14.788						
11/8/2016 7:30:00 AM	469800.000	123.902	19.655	279.101	41698.848	46439.887	30.445	31.579
23.981	1.021	14.788						
11/8/2016 7:45:00 AM	470700.000	123.889	19.656	279.073	41688.527	46427.789	30.436	31.571
23.987	1.021	14.791						
11/8/2016 8:00:00 AM	471600.000	123.876	19.655	279.044	41680.867	46419.426	30.430	31.565
23.992	1.021	14.800						
11/8/2016 8:15:00 AM	472500.000	123.856	19.651	278.998	41695.352	46439.859	30.445	31.579
23.983	1.021	14.800						
11/8/2016 8:30:00 AM	473400.000	123.835	19.669	278.950	41715.859	46444.801	30.450	31.582
23.972	1.021	14.806						
11/8/2016 8:45:00 AM	474300.000	123.830	19.670	278.939	41723.559	46452.766	30.455	31.588
23.967	1.021	14.800						
11/8/2016 9:00:00 AM	475200.000	123.801	19.659	278.875	41685.020	46420.691	30.431	31.566
23.989	1.021	14.807						
11/8/2016 9:15:00 AM	476100.000	123.796	19.656	278.863	41697.047	46436.500	30.443	31.577
23.983	1.021	14.807						
11/8/2016 9:30:00 AM	477000.000	123.775	19.660	278.815	41698.359	46434.785	30.442	31.576
23.982	1.021	14.806						
11/8/2016 9:45:00 AM	477900.000	123.766	19.661	278.795	41739.469	46479.430	30.474	31.606
23.958	1.021	14.802						
11/8/2016 10:00:00 AM	478800.000	123.761	19.653	278.785	41681.785	46423.023	30.433	31.568
23.991	1.021	14.800						
11/8/2016 10:15:00 AM	479700.000	123.744	19.652	278.746	41718.184	46464.340	30.463	31.596
23.970	1.021	14.800						
11/8/2016 10:30:00 AM	480600.000	123.732	19.647	278.718	41699.012	46447.637	30.451	31.584
23.981	1.021	14.801						
11/8/2016 10:45:00 AM	481500.000	123.729	19.648	278.713	41689.602	46436.801	30.443	31.577
23.987	1.021	14.796						
11/8/2016 11:00:00 AM	482400.000	123.715	19.654	278.680	41691.531	46433.117	30.440	31.575
23.986	1.021	14.797						
11/8/2016 11:15:00 AM	483300.000	123.712	19.661	278.673	41709.895	46446.332	30.450	31.584
23.975	1.021	14.790						
11/8/2016 11:30:00 AM	484200.000	123.711	19.658	278.670	41710.668	46449.598	30.453	31.586
23.975	1.021	14.788						
11/8/2016 11:45:00 AM	485100.000	123.714	19.657	278.677	41701.184	46440.250	30.446	31.579
23.980	1.021	14.789						
11/8/2016 12:00:00 PM	486000.000	123.715	19.663	278.679	41722.977	46458.578	30.459	31.592
23.968	1.021	14.781						
11/8/2016 12:15:00 PM	486900.000	123.716	19.660	278.682	41704.605	46440.871	30.446	31.580
23.978	1.021	14.784						
11/8/2016 12:30:00 PM	487800.000	123.723	19.660	278.697	41683.207	46417.473	30.429	31.564
23.990	1.021	14.780						
11/8/2016 12:45:00 PM	488700.000	123.725	19.669	278.703	41705.234	46432.793	30.441	31.574
23.978	1.021	14.781						
11/8/2016 1:00:00 PM	489600.000	123.725	19.671	278.703	41727.645	46455.672	30.458	31.590

23.965	1.021	14.780						
11/8/2016 1:15:00 PM	490500.000	123.743	19.668	278.742	41734.434	46466.594	30.465	31.597
23.961	1.021	14.773						
11/8/2016 1:30:00 PM	491400.000	123.749	19.666	278.757	41693.523	46423.547	30.434	31.568
23.985	1.021	14.776						
11/8/2016 1:45:00 PM	492300.000	123.763	19.669	278.788	41721.313	46451.125	30.454	31.587
23.969	1.021	14.771						
11/8/2016 2:00:00 PM	493200.000	123.778	19.663	278.823	41713.078	46447.379	30.451	31.584
23.973	1.021	14.775						
11/8/2016 2:15:00 PM	494100.000	123.803	19.656	278.878	41718.746	46460.832	30.461	31.593
23.970	1.021	14.769						
11/8/2016 2:30:00 PM	495000.000	123.812	19.653	278.898	41689.602	46431.473	30.439	31.573
23.987	1.021	14.769						
11/8/2016 2:45:00 PM	495900.000	123.813	19.651	278.902	41721.723	46468.977	30.466	31.599
23.968	1.021	14.779						
11/8/2016 3:00:00 PM	496800.000	123.835	19.653	278.951	41680.055	46421.098	30.431	31.566
23.992	1.021	14.776						
11/8/2016 3:15:00 PM	497700.000	123.859	19.652	279.004	41695.633	46439.746	30.445	31.579
23.983	1.021	14.766						
11/8/2016 3:30:00 PM	498600.000	123.875	19.648	279.041	41687.680	46434.246	30.441	31.575
23.988	1.021	14.767						
11/8/2016 3:45:00 PM	499500.000	123.878	19.651	279.048	41716.754	46463.871	30.463	31.595
23.971	1.021	14.774						
11/8/2016 4:00:00 PM	500400.000	123.892	19.656	279.080	41672.102	46408.719	30.423	31.558
23.997	1.021	14.767						
11/8/2016 4:15:00 PM	501300.000	123.904	19.656	279.105	41708.629	46449.996	30.453	31.586
23.976	1.021	14.768						
11/8/2016 4:30:00 PM	502200.000	123.902	19.659	279.102	41717.746	46456.613	30.458	31.590
23.971	1.021	14.771						
11/8/2016 4:45:00 PM	503100.000	123.903	19.661	279.103	41693.605	46428.531	30.437	31.571
23.984	1.021	14.777						
11/8/2016 5:00:00 PM	504000.000	123.914	19.655	279.128	41700.207	46440.965	30.446	31.580
23.981	1.021	14.771						
11/8/2016 5:15:00 PM	504900.000	123.906	19.653	279.110	41685.809	46427.504	30.436	31.571
23.989	1.021	14.772						
11/8/2016 5:30:00 PM	505800.000	123.908	19.661	279.114	41689.738	46423.625	30.434	31.568
23.987	1.021	14.769						
11/8/2016 5:45:00 PM	506700.000	123.895	19.667	279.087	41723.441	46455.480	30.457	31.590
23.967	1.021	14.775						
11/8/2016 6:00:00 PM	507600.000	123.883	19.660	279.059	41708.902	46445.824	30.450	31.583
23.976	1.021	14.777						
11/8/2016 6:15:00 PM	508500.000	123.870	19.665	279.030	41741.090	46476.582	30.473	31.604
23.957	1.021	14.772						
11/8/2016 6:30:00 PM	509400.000	123.861	19.673	279.009	41722.742	46449.191	30.453	31.585
23.968	1.021	14.777						
11/8/2016 6:45:00 PM	510300.000	123.840	19.660	278.962	41691.055	46426.734	30.436	31.570
23.986	1.021	14.781						
11/8/2016 7:00:00 PM	511200.000	123.814	19.659	278.904	41684.777	46420.512	30.431	31.566
23.990	1.021	14.781						
11/8/2016 7:15:00 PM	512100.000	123.794	19.657	278.858	41704.578	46443.934	30.448	31.582
23.978	1.021	14.781						
11/8/2016 7:30:00 PM	513000.000	123.771	19.653	278.807	41712.082	46456.254	30.457	31.590
23.974	1.021	14.784						
11/8/2016 7:45:00 PM	513900.000	123.742	19.656	278.742	41685.934	46424.203	30.434	31.568
23.989	1.021	14.786						
11/8/2016 8:00:00 PM	514800.000	123.728	19.653	278.710	41663.273	46402.660	30.418	31.554
24.002	1.021	14.786						
11/8/2016 8:15:00 PM	515700.000	123.647	19.652	278.526	41708.555	46454.043	30.456	31.589
23.976	1.021	14.789						
11/8/2016 8:30:00 PM	516600.000	123.684	19.652	278.611	41718.371	46464.367	30.463	31.596
23.970	1.021	14.785						
11/8/2016 8:45:00 PM	517500.000	123.617	19.654	278.459	41684.285	46424.266	30.434	31.569
23.990	1.021	14.794						
11/8/2016 9:00:00 PM	518400.000	123.601	19.661	278.424	41706.738	46443.156	30.448	31.581
23.977	1.021	14.789						
11/8/2016 9:15:00 PM	519300.000	123.578	19.658	278.371	41706.629	46445.273	30.449	31.583
23.977	1.021	14.785						
11/8/2016 9:30:00 PM	520200.000	123.537	19.662	278.279	41696.117	46430.129	30.438	31.572
23.983	1.021	14.792						
11/8/2016 9:45:00 PM	521100.000	123.506	19.659	278.208	41694.574	46431.586	30.439	31.573
23.984	1.021	14.794						
11/8/2016 10:00:00 PM	522000.000	123.474	19.660	278.137	41727.789	46467.641	30.466	31.598
23.965	1.021	14.797						
11/8/2016 10:15:00 PM	522900.000	123.460	19.659	278.105	41676.039	46410.781	30.424	31.559
23.995	1.021	14.796						
11/8/2016 10:30:00 PM	523800.000	123.430	19.666	278.037	41740.313	46475.469	30.472	31.603
23.958	1.021	14.796						
11/8/2016 10:45:00 PM	524700.000	123.419	19.662	278.012	41704.973	46439.473	30.445	31.579
23.978	1.021	14.805						
11/8/2016 11:00:00 PM	525600.000	123.411	19.663	277.994	41745.703	46484.043	30.478	31.609
23.955	1.021	14.799						
11/8/2016 11:15:00 PM	526500.000	123.389	19.664	277.945	41704.289	46436.820	30.443	31.577
23.978	1.021	14.795						
11/8/2016 11:30:00 PM	527400.000	123.400	19.666	277.971	41718.605	46450.867	30.454	31.587
23.970	1.021	14.791						
11/8/2016 11:45:00 PM	528300.000	123.388	19.663	277.944	41716.016	46451.168	30.454	31.587
23.972	1.021	14.795						
11/9/2016 12:00:00 AM	529200.000	123.373	19.670	277.911	41715.738	46444.059	30.449	31.582
23.972	1.021	14.784						
11/9/2016 12:15:00 AM	530100.000	123.365	19.673	277.891	41733.660	46460.652	30.461	31.593
23.961	1.021	14.786						
11/9/2016 12:30:00 AM	531000.000	123.375	19.675	277.915	41709.406	46432.113	30.441	31.574
23.975	1.021	14.789						
11/9/2016 12:45:00 AM	531900.000	123.386	19.674	277.940	41707.398	46430.895	30.440	31.573
23.977	1.021	14.786						
11/9/2016 1:00:00 AM	532800.000	123.396	19.676	277.961	41729.980	46453.895	30.456	31.589
23.964	1.021	14.781						
11/9/2016 1:15:00 AM	533700.000	123.409	19.672	277.991	41729.555	46457.121	30.459	31.591
23.964	1.021	14.782						
11/9/2016 1:30:00 AM	534600.000	123.441	19.678	278.064	41699.750	46418.520	30.431	31.565
23.981	1.021	14.779						
11/9/2016 1:45:00 AM	535500.000	123.465	19.674	278.117	41691.582	46413.469	30.427	31.561
23.986	1.021	14.783						
11/9/2016 2:00:00 AM	536400.000	123.466	19.671	278.120	41729.070	46458.121	30.459	31.592
23.964	1.021	14.782						
11/9/2016 2:15:00 AM	537300.000	123.526	19.664	278.253	41714.367	46448.473	30.452	31.585
23.973	1.021	14.783						
11/9/2016 2:30:00 AM	538200.000	123.520	19.669	278.242	41730.277	46461.445	30.462	31.594
23.963	1.021	14.781						
11/9/2016 2:45:00 AM	539100.000	123.562	19.672	278.335	41740.723	46469.977	30.468	31.600
23.957	1.021	14.781						
11/9/2016 3:00:00 AM	540000.000	123.589	19.673	278.397	41699.484	46423.207	30.434	31.568
23.981	1.021	14.781						
11/9/2016 3:15:00 AM	540900.000	123.606	19.668	278.435	41709.473	46438.723	30.445	31.578
23.975	1.021	14.774						
11/9/2016 3:30:00 AM	541800.000	123.649	19.665	278.531	41715.719	46448.680	30.452	31.585
23.972	1.021	14.774						
11/9/2016 3:45:00 AM	542700.000	123.699	19.662	278.643	41702.941	46437.469	30.444	31.577
23.979	1.021	14.771						
11/9/2016 4:00:00 AM	543600.000	123.708	19.671	278.665	41712.824	46439.520	30.446	31.579
23.973	1.021	14.772						
11/9/2016 4:15:00 AM	544500.000	123.744	19.669	278.745	41689.527	46415.918	30.428	31.563
23.987	1.021	14.770						
11/9/2016 4:30:00 AM	545400.000	123.770	19.666	278.803	41695.895	46425.582	30.435	31.569
23.983	1.021	14.766						
11/9/2016 4:45:00 AM	546300.000	123.819	19.656	278.914	41722.715	46465.945	30.464	31.597
23.968	1.021	14.767						
11/9/2016 5:00:00 AM	547200.000	123.844	19.654	278.970	41708.125	46451.078	30.453	31.587
23.976	1.021	14.771						
11/9/2016 5:15:00 AM	548100.000	123.869	19.653	279.027	41709.012	46453.266	30.455	31.588
23.976	1.021	14.776						
11/9/2016 5:30:00 AM	549000.000	123.895	19.656	279.086	41706.719	46447.789	30.451	31.584
23.977	1.021	14.764						

11/9/2016 5:45:00 AM	549900.000	123.896	19.663	279.089	41717.012	46452.273	30.455	31.588
23.971	1.021	14.772						
11/9/2016 6:00:00 AM	550800.000	123.928	19.665	279.160	41702.730	46434.301	30.442	31.575
23.979	1.021	14.764						
11/9/2016 6:15:00 AM	551700.000	123.912	19.658	279.124	41723.891	46464.324	30.463	31.596
23.967	1.021	14.772						
11/9/2016 6:30:00 AM	552600.000	123.920	19.657	279.143	41722.797	46464.742	30.464	31.596
23.968	1.021	14.771						
11/9/2016 6:45:00 AM	553500.000	123.919	19.660	279.140	41708.352	46445.910	30.450	31.583
23.976	1.021	14.775						
11/9/2016 7:00:00 AM	554400.000	123.955	19.664	279.221	41710.234	46443.168	30.448	31.581
23.975	1.021	14.770						
11/9/2016 7:15:00 AM	555300.000	123.914	19.657	279.128	41704.332	46444.180	30.449	31.582
23.978	1.021	14.781						
11/9/2016 7:30:00 AM	556200.000	123.909	19.661	279.117	41687.820	46421.309	30.432	31.566
23.988	1.021	14.775						
11/9/2016 7:45:00 AM	557100.000	123.912	19.665	279.125	41708.613	46440.852	30.446	31.580
23.976	1.021	14.781						
11/9/2016 8:00:00 AM	558000.000	123.892	19.661	279.079	41700.000	46434.969	30.442	31.576
23.981	1.021	14.776						
11/9/2016 8:15:00 AM	558900.000	123.869	19.656	279.028	41702.582	46442.922	30.448	31.581
23.979	1.021	14.781						
11/9/2016 8:30:00 AM	559800.000	123.840	19.654	278.963	41714.590	46458.188	30.459	31.592
23.972	1.021	14.784						
11/9/2016 8:45:00 AM	560700.000	123.838	19.657	278.957	41708.781	46449.309	30.452	31.586
23.976	1.021	14.777						
11/9/2016 9:00:00 AM	561600.000	123.821	19.659	278.919	41729.449	46470.168	30.468	31.600
23.964	1.021	14.769						
11/9/2016 9:15:00 AM	562500.000	123.794	19.658	278.858	41720.180	46460.621	30.461	31.593
23.969	1.021	14.773						
11/9/2016 9:30:00 AM	563400.000	123.786	19.663	278.840	41708.477	46442.344	30.447	31.581
23.976	1.021	14.772						
11/9/2016 9:45:00 AM	564300.000	123.744	19.666	278.746	41716.309	46448.742	30.452	31.585
23.971	1.021	14.770						
11/9/2016 10:00:00 AM	565200.000	123.729	19.660	278.713	41738.168	46479.113	30.474	31.606
23.959	1.021	14.765						
11/9/2016 10:15:00 AM	566100.000	123.705	19.656	278.658	41708.891	46449.691	30.453	31.586
23.976	1.021	14.766						
11/9/2016 10:30:00 AM	567000.000	123.680	19.661	278.601	41719.805	46456.926	30.458	31.591
23.969	1.021	14.767						
11/9/2016 10:45:00 AM	567900.000	123.673	19.658	278.586	41709.316	46448.176	30.452	31.585
23.975	1.021	14.768						
11/9/2016 11:00:00 AM	568800.000	123.650	19.662	278.535	41680.902	46413.363	30.426	31.561
23.992	1.021	14.760						
11/9/2016 11:15:00 AM	569700.000	123.622	19.662	278.471	41692.344	46425.750	30.435	31.570
23.985	1.021	14.753						
11/9/2016 11:30:00 AM	570600.000	123.618	19.657	278.462	41702.305	46441.664	30.447	31.580
23.979	1.021	14.754						
11/9/2016 11:45:00 AM	571500.000	123.600	19.663	278.422	41697.445	46430.570	30.439	31.573
23.982	1.021	14.754						
11/9/2016 12:00:00 PM	572400.000	123.581	19.676	278.378	41721.941	46445.285	30.450	31.583
23.968	1.021	14.748						
11/9/2016 12:15:00 PM	573300.000	123.584	19.677	278.386	41700.898	46420.059	30.432	31.566
23.980	1.021	14.738						
11/9/2016 12:30:00 PM	574200.000	123.599	19.672	278.419	41743.527	46473.016	30.470	31.602
23.956	1.021	14.734						
11/9/2016 12:45:00 PM	575100.000	123.590	19.656	278.399	41660.613	46395.836	30.413	31.549
24.003	1.021	14.740						
11/9/2016 1:00:00 PM	576000.000	123.593	19.657	278.406	41706.844	46446.629	30.450	31.584
23.977	1.021	14.741						
11/9/2016 1:15:00 PM	576900.000	123.583	19.659	278.383	41746.629	46488.695	30.481	31.612
23.954	1.021	14.738						
11/9/2016 1:30:00 PM	577800.000	123.586	19.663	278.389	41731.867	46468.734	30.467	31.599
23.963	1.021	14.737						
11/9/2016 1:45:00 PM	578700.000	123.609	19.665	278.440	41692.371	46422.336	30.433	31.567
23.985	1.021	14.738						
11/9/2016 2:00:00 PM	579600.000	123.605	19.673	278.432	41719.211	46445.086	30.450	31.583
23.970	1.021	14.729						
11/9/2016 2:15:00 PM	580500.000	123.615	19.672	278.456	41719.859	46446.410	30.451	31.584
23.969	1.021	14.730						
11/9/2016 2:30:00 PM	581400.000	123.653	19.670	278.540	41737.578	46468.457	30.467	31.599
23.959	1.021	14.734						
11/9/2016 2:45:00 PM	582300.000	123.659	19.673	278.554	41707.246	46431.594	30.440	31.573
23.977	1.021	14.734						
11/9/2016 3:00:00 PM	583200.000	123.696	19.666	278.637	41717.773	46449.941	30.453	31.586
23.971	1.021	14.734						
11/9/2016 3:15:00 PM	584100.000	123.690	19.665	278.624	41704.816	46436.797	30.443	31.577
23.978	1.021	14.737						
11/9/2016 3:30:00 PM	585000.000	123.725	19.657	278.702	41754.660	46499.969	30.489	31.620
23.949	1.021	14.729						
11/9/2016 3:45:00 PM	585900.000	123.731	19.657	278.717	41709.910	46450.043	30.453	31.586
23.975	1.021	14.731						
11/9/2016 4:00:00 PM	586800.000	123.750	19.665	278.759	41731.066	46465.602	30.465	31.597
23.963	1.021	14.734						
11/9/2016 4:15:00 PM	587700.000	123.785	19.674	278.838	41702.453	46424.879	30.435	31.569
23.979	1.021	14.728						
11/9/2016 4:30:00 PM	588600.000	123.797	19.666	278.865	41697.527	46427.047	30.436	31.570
23.982	1.021	14.728						
11/9/2016 4:45:00 PM	589500.000	123.809	19.659	278.892	41715.434	46454.816	30.456	31.589
23.972	1.021	14.721						
11/9/2016 5:00:00 PM	590400.000	123.830	19.656	278.939	41706.508	46447.293	30.451	31.584
23.977	1.021	14.731						
11/9/2016 5:15:00 PM	591300.000	123.837	19.658	278.954	41696.402	46434.406	30.441	31.575
23.983	1.021	14.729						
11/9/2016 5:30:00 PM	592200.000	123.838	19.656	278.956	41692.770	46432.078	30.440	31.574
23.985	1.021	14.735						
11/9/2016 5:45:00 PM	593100.000	123.856	19.664	278.997	41725.426	46460.867	30.461	31.593
23.966	1.021	14.728						
11/9/2016 6:00:00 PM	594000.000	123.847	19.667	278.977	41693.609	46422.602	30.433	31.567
23.984	1.021	14.738						
11/9/2016 6:15:00 PM	594900.000	123.868	19.670	279.025	41711.914	46439.969	30.446	31.579
23.974	1.021	14.731						
11/9/2016 6:30:00 PM	595800.000	123.852	19.669	278.988	41725.977	46456.148	30.458	31.590
23.966	1.021	14.739						
11/9/2016 6:45:00 PM	596700.000	123.846	19.669	278.975	41699.781	46427.063	30.437	31.570
23.981	1.021	14.732						
11/9/2016 7:00:00 PM	597600.000	123.837	19.671	278.955	41730.316	46459.074	30.460	31.592
23.963	1.021	14.736						
11/9/2016 7:15:00 PM	598500.000	123.829	19.675	278.938	41733.418	46458.918	30.460	31.592
23.962	1.021	14.736						
11/9/2016 7:30:00 PM	599400.000	123.835	19.673	278.949	41737.750	46465.207	30.465	31.596
23.959	1.021	14.733						
11/9/2016 7:45:00 PM	600300.000	123.800	19.668	278.872	41724.117	46455.289	30.457	31.590
23.967	1.021	14.737						
11/9/2016 8:00:00 PM	601200.000	123.773	19.671	278.812	41721.539	46449.824	30.453	31.586
23.968	1.021	14.737						
11/9/2016 8:15:00 PM	602100.000	123.751	19.669	278.761	41708.539	46436.383	30.443	31.577
23.976	1.021	14.740						
11/9/2016 8:30:00 PM	603000.000	123.735	19.658	278.725	41692.621	46430.105	30.438	31.572
23.985	1.021	14.736						
11/9/2016 8:45:00 PM	603900.000	123.705	19.653	278.658	41707.289	46451.344	30.454	31.587
23.977	1.021	14.741						
11/9/2016 9:00:00 PM	604800.000	123.669	19.649	278.576	41684.801	46430.090	30.438	31.572
23.990	1.021	14.743						
11/9/2016 9:15:00 PM	605700.000	123.630	19.654	278.488	41671.660	46410.203	30.424	31.559
23.997	1.021	14.745						
11/9/2016 9:30:00 PM	606600.000	123.604	19.655	278.430	41701.020	46442.219	30.447	31.581
23.980	1.021	14.744						
11/9/2016 9:45:00 PM	607500.000	123.603	19.656	278.427	41716.109	46458.152	30.459	31.592
23.972	1.021	14.740						
11/9/2016 10:00:00 PM	608400.000	123.554	19.654	278.317	41702.938	46445.121	30.449	31.583
23.979	1.021	14.743						
11/9/2016 10:15:00 PM	609300.000	123.512	19.656	278.222	41706.242	46446.652	30.450	31.584

23.977	1.021	14.746						
11/9/2016 10:30:00 PM	610200.000	123.485	19.663	278.163	41734.133	46471.160	30.469	31.600
23.961	1.021	14.742						
11/9/2016 10:45:00 PM	611100.000	123.457	19.669	278.100	41722.297	46452.402	30.455	31.588
23.968	1.021	14.740						
11/9/2016 11:00:00 PM	612000.000	123.439	19.655	278.058	41708.980	46450.734	30.453	31.587
23.976	1.021	14.742						
11/9/2016 11:15:00 PM	612900.000	123.414	19.658	278.002	41727.734	46468.957	30.467	31.599
23.965	1.021	14.738						
11/9/2016 11:30:00 PM	613800.000	123.391	19.666	277.951	41715.090	46447.293	30.451	31.584
23.972	1.021	14.739						
11/9/2016 11:45:00 PM	614700.000	123.399	19.663	277.969	41714.785	46449.539	30.453	31.586
23.972	1.021	14.741						

Report Date: 11/14/2016 8:30:20 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3M Pre Test_2016-11-10_13-08-30-065.wsl
Create Date: 11/10/2016 1:08:20 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

Log Data:
Record Count: 736
Sensors: 1
1 - 395601: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/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#: 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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11/3/2016 12:00:00 AM	7200.000	64.927	17.067	146.253	34288.422	40411.258	25.978	27.480	29.164	1.019
11/3/2016 12:15:00 AM	8100.000	64.931	17.067	146.263	34282.109	40403.906	25.972	27.475	29.170	1.019
11/3/2016 12:30:00 AM	9000.000	64.932	17.067	146.265	34280.879	40402.367	25.971	27.474	29.171	1.019
11/3/2016 12:45:00 AM	9900.000	64.934	17.067	146.269	34275.918	40396.453	25.967	27.470	29.175	1.019
11/3/2016 1:00:00 AM	10800.000	64.938	17.066	146.279	34292.227	40416.547	25.981	27.483	29.161	1.019
11/3/2016 1:15:00 AM	11700.000	64.940	17.068	146.283	34298.852	40423.391	25.986	27.488	29.155	1.019
11/3/2016 1:30:00 AM	12600.000	64.944	17.067	146.294	34287.449	40410.273	25.977	27.479	29.165	1.019
11/3/2016 1:45:00 AM	13500.000	64.942	17.067	146.287	34283.711	40405.703	25.974	27.476	29.168	1.019
11/3/2016 2:00:00 AM	14400.000	64.944	17.067	146.292	34284.023	40406.074	25.974	27.476	29.168	1.019
11/3/2016 2:15:00 AM	15300.000	64.947	17.067	146.300	34269.344	40388.703	25.962	27.464	29.181	1.019
11/3/2016 2:30:00 AM	16200.000	64.949	17.067	146.304	34294.664	40418.703	25.983	27.485	29.159	1.019
11/3/2016 2:45:00 AM	17100.000	64.949	17.067	146.304	34288.133	40411.160	25.978	27.480	29.165	1.019
11/3/2016 3:00:00 AM	18000.000	64.949	17.068	146.305	34273.785	40393.770	25.965	27.468	29.177	1.019

11/3/2016 3:15:00 AM 18900.000 64.955 17.067
146.318 34291.605 40415.410
25.981 27.482 29.162
1.019
11/3/2016 3:30:00 AM 19800.000 64.957 17.068
146.322 34307.148 40433.090
25.993 27.495 29.148
1.019
11/3/2016 3:45:00 AM 20700.000 64.967 17.067
146.345 34281.395 40403.219
25.972 27.474 29.170
1.019
11/3/2016 4:00:00 AM 21600.000 64.950 17.067
146.306 34280.148 40401.598
25.971 27.473 29.171
1.019
11/3/2016 4:15:00 AM 22500.000 64.956 17.067
146.320 34254.523 40371.305
25.949 27.452 29.193
1.019
11/3/2016 4:30:00 AM 23400.000 64.952 17.067
146.310 34289.281 40412.590
25.979 27.481 29.164
1.019
11/3/2016 4:45:00 AM 24300.000 64.952 17.067
146.310 34305.551 40431.535
25.992 27.493 29.150
1.019
11/3/2016 5:00:00 AM 25200.000 64.950 17.068
146.307 34280.492 40401.754
25.971 27.473 29.171
1.019
11/3/2016 5:15:00 AM 26100.000 64.950 17.068
146.306 34294.188 40417.500
25.982 27.484 29.159
1.019
11/3/2016 5:30:00 AM 27000.000 64.951 17.068
146.308 34277.465 40398.184
25.968 27.471 29.174
1.019
11/3/2016 5:45:00 AM 27900.000 64.950 17.067
146.307 34284.453 40406.512
25.974 27.476 29.168
1.019
11/3/2016 6:00:00 AM 28800.000 64.946 17.067
146.296 34290.391 40413.668
25.979 27.481 29.163
1.019
11/3/2016 6:15:00 AM 29700.000 64.944 17.067
146.292 34273.785 40394.168
25.966 27.468 29.177
1.019
11/3/2016 6:30:00 AM 30600.000 64.947 17.067
146.300 34293.863 40418.074
25.983 27.484 29.160
1.019
11/3/2016 6:45:00 AM 31500.000 64.944 17.068

146.292 34298.758 40423.277
25.986 27.488 29.156
1.019
11/3/2016 7:00:00 AM 32400.000 64.945 17.068
146.294 34292.754 40416.203
25.981 27.483 29.161
1.019
11/3/2016 7:15:00 AM 33300.000 64.944 17.068
146.292 34279.543 40400.559
25.970 27.472 29.172
1.019
11/3/2016 7:30:00 AM 34200.000 64.946 17.067
146.298 34277.785 40398.813
25.969 27.471 29.173
1.019
11/3/2016 7:45:00 AM 35100.000 64.948 17.067
146.301 34274.555 40395.316
25.966 27.469 29.176
1.019
11/3/2016 8:00:00 AM 36000.000 64.949 17.067
146.305 34291.492 40415.195
25.980 27.482 29.162
1.019
11/3/2016 8:15:00 AM 36900.000 64.948 17.067
146.301 34290.582 40414.047
25.980 27.482 29.163
1.019
11/3/2016 8:30:00 AM 37800.000 64.952 17.067
146.310 34286.734 40409.512
25.976 27.478 29.166
1.019
11/3/2016 8:45:00 AM 38700.000 64.956 17.067
146.320 34267.328 40386.559
25.960 27.463 29.182
1.019
11/3/2016 9:00:00 AM 39600.000 64.959 17.067
146.327 34278.203 40399.145
25.969 27.471 29.173
1.019
11/3/2016 9:15:00 AM 40500.000 64.961 17.067
146.332 34286.617 40409.293
25.976 27.478 29.166
1.019
11/3/2016 9:30:00 AM 41400.000 64.961 17.067
146.331 34263.156 40382.195
25.957 27.460 29.186
1.019
11/3/2016 9:45:00 AM 42300.000 64.965 17.067
146.341 34277.055 40398.105
25.968 27.471 29.174
1.019
11/3/2016 10:00:00 AM 43200.000 64.967
17.067 146.345 34278.496
40399.961 25.970 27.472
29.173 1.019
11/3/2016 10:15:00 AM 44100.000 64.969
17.066 146.349 34288.914

40412.645 25.979 27.481
29.164 1.019
11/3/2016 10:30:00 AM 45000.000 64.974
17.067 146.360 34276.238
40396.898 25.967 27.470
29.175 1.019
11/3/2016 10:45:00 AM 45900.000 64.973
17.067 146.358 34305.344
40431.199 25.992 27.493
29.150 1.019
11/3/2016 11:00:00 AM 46800.000 64.976
17.067 146.364 34310.113
40436.754 25.996 27.497
29.146 1.019
11/3/2016 11:15:00 AM 47700.000 64.977
17.068 146.367 34273.336
40393.082 25.965 27.467
29.177 1.019
11/3/2016 11:30:00 AM 48600.000 64.980
17.068 146.374 34292.766
40415.980 25.981 27.483
29.161 1.019
11/3/2016 11:45:00 AM 49500.000 64.984
17.067 146.383 34310.035
40436.973 25.996 27.497
29.146 1.019
11/3/2016 12:00:00 PM 50400.000 64.986
17.068 146.386 34284.563
40405.996 25.974 27.476
29.168 1.019
11/3/2016 12:15:00 PM 51300.000 64.982
17.067 146.379 34290.383
40413.500 25.979 27.481
29.163 1.019
11/3/2016 12:30:00 PM 52200.000 64.989
17.068 146.394 34286.965
40409.305 25.976 27.478
29.166 1.019
11/3/2016 12:45:00 PM 53100.000 64.987
17.067 146.389 34311.020
40437.820 25.997 27.498
29.145 1.019
11/3/2016 1:00:00 PM 54000.000 64.987 17.068
146.389 34294.254 40417.578
25.982 27.484 29.159
1.019
11/3/2016 1:15:00 PM 54900.000 64.994 17.068
146.404 34281.883 40403.078
25.972 27.474 29.170
1.019
11/3/2016 1:30:00 PM 55800.000 64.991 17.068
146.399 34279.586 40400.129
25.970 27.472 29.172
1.019
11/3/2016 1:45:00 PM 56700.000 64.989 17.068
146.393 34299.828 40423.824
25.987 27.488 29.155

1.019
11/3/2016 2:00:00 PM 57600.000 64.994 17.068
146.404 34287.344 40409.434
25.976 27.478 29.165
1.019
11/3/2016 2:15:00 PM 58500.000 64.988 17.068
146.393 34296.637 40420.543
25.984 27.486 29.157
1.019
11/3/2016 2:30:00 PM 59400.000 64.991 17.069
146.398 34303.828 40428.055
25.990 27.491 29.151
1.019
11/3/2016 2:45:00 PM 60300.000 64.984 17.069
146.384 34318.820 40445.965
26.002 27.503 29.139
1.019
11/3/2016 3:00:00 PM 61200.000 64.989 17.068
146.393 34312.914 40439.652
25.998 27.499 29.144
1.019
11/3/2016 3:15:00 PM 62100.000 64.980 17.069
146.373 34312.582 40438.211
25.997 27.498 29.144
1.019
11/3/2016 3:30:00 PM 63000.000 64.979 17.068
146.372 34315.512 40442.309
26.000 27.501 29.141
1.019
11/3/2016 3:45:00 PM 63900.000 64.974 17.068
146.361 34297.809 40421.445
25.985 27.487 29.156
1.019
11/3/2016 4:00:00 PM 64800.000 64.970 17.068
146.352 34333.145 40463.410
26.015 27.515 29.126
1.019
11/3/2016 4:15:00 PM 65700.000 64.965 17.068
146.341 34304.680 40429.461
25.991 27.492 29.151
1.019
11/3/2016 4:30:00 PM 66600.000 64.963 17.068
146.334 34317.121 40444.445
26.001 27.502 29.140
1.019
11/3/2016 4:45:00 PM 67500.000 64.961 17.068
146.331 34303.809 40428.434
25.990 27.491 29.151
1.019
11/3/2016 5:00:00 PM 68400.000 64.953 17.068
146.313 34351.566 40484.719
26.030 27.530 29.111
1.019
11/3/2016 5:15:00 PM 69300.000 64.950 17.069
146.307 34322.328 40449.695
26.005 27.506 29.136
1.019

11/3/2016 5:30:00 PM 70200.000 64.947 17.069
146.300 34318.004 40445.086
26.002 27.503 29.139
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11/3/2016 5:45:00 PM 71100.000 64.939 17.069
146.282 34313.898 40440.082
25.998 27.499 29.143
1.019
11/3/2016 6:00:00 PM 72000.000 64.936 17.068
146.274 34307.078 40432.453
25.993 27.494 29.149
1.019
11/3/2016 6:15:00 PM 72900.000 64.932 17.069
146.267 34324.262 40452.461
26.007 27.508 29.134
1.019
11/3/2016 6:30:00 PM 73800.000 64.926 17.069
146.253 34314.875 40441.074
25.999 27.500 29.142
1.019
11/3/2016 6:45:00 PM 74700.000 64.920 17.068
146.239 34327.430 40456.836
26.010 27.511 29.131
1.019
11/3/2016 7:00:00 PM 75600.000 64.917 17.069
146.233 34307.730 40432.980
25.993 27.494 29.148
1.019
11/3/2016 7:15:00 PM 76500.000 64.917 17.068
146.232 34306.805 40431.965
25.993 27.494 29.149
1.019
11/3/2016 7:30:00 PM 77400.000 64.912 17.069
146.221 34326.773 40455.340
26.009 27.510 29.132
1.019
11/3/2016 7:45:00 PM 78300.000 64.913 17.069
146.223 34293.930 40416.715
25.982 27.483 29.160
1.019
11/3/2016 8:00:00 PM 79200.000 64.904 17.068
146.204 34314.871 40442.035
26.000 27.501 29.142
1.019
11/3/2016 8:15:00 PM 80100.000 64.924 17.069
146.247 34326.234 40454.785
26.009 27.509 29.132
1.019
11/3/2016 8:30:00 PM 81000.000 64.911 17.069
146.218 34319.113 40446.313
26.003 27.503 29.138
1.019
11/3/2016 8:45:00 PM 81900.000 64.903 17.069
146.201 34333.738 40463.629
26.015 27.515 29.126
1.019
11/3/2016 9:00:00 PM 82800.000 64.904 17.069

146.202 34309.953 40435.516
25.995 27.496 29.146
1.019
11/3/2016 9:15:00 PM 83700.000 64.900 17.069
146.194 34314.039 40440.086
25.998 27.499 29.143
1.019
11/3/2016 9:30:00 PM 84600.000 64.903 17.069
146.200 34297.047 40420.223
25.984 27.486 29.157
1.019
11/3/2016 9:45:00 PM 85500.000 64.908 17.069
146.210 34314.898 40441.426
25.999 27.500 29.142
1.019
11/3/2016 10:00:00 PM 86400.000 64.908
17.068 146.210 34298.688
40422.719 25.986 27.487
29.156 1.019
11/3/2016 10:15:00 PM 87300.000 64.901
17.069 146.196 34344.727
40476.582 26.024 27.524
29.117 1.019
11/3/2016 10:30:00 PM 88200.000 64.909
17.068 146.214 34311.844
40437.984 25.997 27.498
29.144 1.019
11/3/2016 10:45:00 PM 89100.000 64.909
17.069 146.213 34326.539
40455.145 26.009 27.509
29.132 1.019
11/3/2016 11:00:00 PM 90000.000 64.916
17.069 146.230 34309.676
40435.273 25.995 27.496
29.146 1.019
11/3/2016 11:15:00 PM 90900.000 64.913
17.068 146.223 34290.184
40412.375 25.979 27.480
29.163 1.019
11/3/2016 11:30:00 PM 91800.000 64.916
17.069 146.230 34315.457
40441.758 25.999 27.500
29.141 1.019
11/3/2016 11:45:00 PM 92700.000 64.919
17.069 146.237 34321.820
40449.348 26.005 27.506
29.136 1.019
11/4/2016 12:00:00 AM 93600.000 64.919
17.069 146.237 34318.801
40445.633 26.002 27.503
29.139 1.019
11/4/2016 12:15:00 AM 94500.000 64.931
17.069 146.263 34315.887
40442.023 26.000 27.501
29.141 1.019
11/4/2016 12:30:00 AM 95400.000 64.935
17.069 146.273 34314.105

40440.328 25.998 27.499
29.143 1.019
11/4/2016 12:45:00 AM 96300.000 64.945
17.069 146.296 34324.121
40452.059 26.007 27.507
29.134 1.019
11/4/2016 1:00:00 AM 97200.000 64.943 17.068
146.290 34334.063 40464.090
26.015 27.516 29.126
1.019
11/4/2016 1:15:00 AM 98100.000 64.955 17.069
146.317 34309.637 40434.898
25.995 27.496 29.146
1.019
11/4/2016 1:30:00 AM 99000.000 64.945 17.069
146.294 34314.129 40439.875
25.998 27.499 29.143
1.019
11/4/2016 1:45:00 AM 99900.000 64.946 17.069
146.298 34331.750 40460.719
26.013 27.513 29.128
1.019
11/4/2016 2:00:00 AM 100800.000 64.960
17.069 146.329 34330.766
40459.961 26.012 27.513
29.128 1.019
11/4/2016 2:15:00 AM 101700.000 64.956
17.069 146.320 34349.813
40482.180 26.028 27.528
29.112 1.019
11/4/2016 2:30:00 AM 102600.000 64.955
17.069 146.317 34331.230
40460.512 26.013 27.513
29.128 1.019
11/4/2016 2:45:00 AM 103500.000 64.964
17.069 146.338 34325.652
40453.379 26.008 27.508
29.133 1.019
11/4/2016 3:00:00 AM 104400.000 64.977
17.069 146.366 34351.035
40483.207 26.029 27.529
29.111 1.019
11/4/2016 3:15:00 AM 105300.000 64.967
17.070 146.345 34344.875
40475.469 26.024 27.523
29.116 1.019
11/4/2016 3:30:00 AM 106200.000 64.963
17.070 146.336 34322.320
40449.055 26.005 27.505
29.136 1.019
11/4/2016 3:45:00 AM 107100.000 64.972
17.070 146.356 34343.813
40474.461 26.023 27.523
29.117 1.019
11/4/2016 4:00:00 AM 108000.000 64.975
17.070 146.362 34360.051
40493.520 26.036 27.536

29.104 1.019
11/4/2016 4:15:00 AM 108900.000 64.983
17.070 146.381 34364.691
40498.824 26.040 27.539
29.100 1.019
11/4/2016 4:30:00 AM 109800.000 64.974
17.070 146.360 34335.520
40464.367 26.016 27.516
29.124 1.019
11/4/2016 4:45:00 AM 110700.000 64.980
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29.075 1.019
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29.083 1.019
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29.078 1.019
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29.087 1.019
11/5/2016 9:45:00 PM 258300.000 65.017
17.072 146.456 34388.441
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29.080 1.019
11/5/2016 10:00:00 PM 259200.000 65.017
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29.074 1.019
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29.085 1.019
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29.036 1.019
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29.030 1.019
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29.027 1.019
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29.050	1.019	
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29.041	1.019	
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17.073	146.570	34442.988

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29.039 1.019
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29.057 1.019
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29.055 1.019
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17.072 146.567 34418.715
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29.054 1.019
11/7/2016 12:15:00 AM 357300.000 65.068
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17.073 146.602 34430.871
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11/8/2016 9:15:00 PM 519300.000 65.129
17.069 146.709 34328.766
40457.688 26.011 27.511
29.130 1.019
11/8/2016 9:30:00 PM 520200.000 65.123
17.069 146.695 34353.156
40486.121 26.031 27.531
29.109 1.019
11/8/2016 9:45:00 PM 521100.000 65.112
17.069 146.671 34337.121
40467.223 26.018 27.518
29.123 1.019
11/8/2016 10:00:00 PM 522000.000 65.105
17.069 146.654 34339.465
40469.895 26.020 27.520
29.121 1.019
11/8/2016 10:15:00 PM 522900.000 65.108
17.069 146.662 34350.156
40482.586 26.029 27.528
29.112 1.019
11/8/2016 10:30:00 PM 523800.000 65.103
17.069 146.651 34346.805
40478.633 26.026 27.525
29.115 1.019
11/8/2016 10:45:00 PM 524700.000 65.106
17.070 146.657 34337.559
40466.848 26.017 27.517
29.123 1.019
11/8/2016 11:00:00 PM 525600.000 65.102
17.069 146.648 34333.586
40463.125 26.015 27.515
29.126 1.019
11/8/2016 11:15:00 PM 526500.000 65.099
17.069 146.642 34365.922
40501.164 26.042 27.541
29.099 1.019
11/8/2016 11:30:00 PM 527400.000 65.099
17.069 146.642 34344.934
40476.258 26.024 27.524
29.116 1.019
11/8/2016 11:45:00 PM 528300.000 65.096
17.069 146.635 34343.707
40474.734 26.023 27.523
29.117 1.019
11/9/2016 12:00:00 AM 529200.000 65.087
17.069 146.616 34359.867
40493.855 26.037 27.536
29.104 1.019
11/9/2016 12:15:00 AM 530100.000 65.092
17.069 146.626 34358.148
40491.676 26.035 27.534
29.105 1.019
11/9/2016 12:30:00 AM 531000.000 65.101
17.069 146.647 34366.082
40501.352 26.042 27.541
29.098 1.019

11/9/2016 12:45:00 AM 531900.000 65.096
17.070 146.636 34349.527
40481.035 26.027 27.527
29.112 1.019
11/9/2016 1:00:00 AM 532800.000 65.102
17.070 146.649 34336.059
40465.324 26.016 27.516
29.124 1.019
11/9/2016 1:15:00 AM 533700.000 65.098
17.069 146.639 34354.008
40486.797 26.032 27.531
29.109 1.019
11/9/2016 1:30:00 AM 534600.000 65.103
17.069 146.651 34355.137
40488.125 26.033 27.532
29.108 1.019
11/9/2016 1:45:00 AM 535500.000 65.104
17.069 146.654 34369.824
40505.277 26.045 27.544
29.095 1.019
11/9/2016 2:00:00 AM 536400.000 65.101
17.070 146.646 34347.066
40478.371 26.026 27.525
29.115 1.019
11/9/2016 2:15:00 AM 537300.000 65.101
17.069 146.646 34385.031
40523.199 26.057 27.556
29.082 1.019
11/9/2016 2:30:00 AM 538200.000 65.112
17.070 146.670 34340.250
40470.340 26.020 27.520
29.120 1.019
11/9/2016 2:45:00 AM 539100.000 65.128
17.070 146.707 34379.578
40516.293 26.053 27.551
29.087 1.019
11/9/2016 3:00:00 AM 540000.000 65.112
17.070 146.672 34360.914
40494.059 26.037 27.536
29.103 1.019
11/9/2016 3:15:00 AM 540900.000 65.124
17.070 146.697 34335.922
40465.082 26.016 27.516
29.124 1.019
11/9/2016 3:30:00 AM 541800.000 65.128
17.070 146.707 34357.566
40490.113 26.034 27.533
29.106 1.019
11/9/2016 3:45:00 AM 542700.000 65.146
17.070 146.748 34374.383
40510.086 26.048 27.547
29.091 1.019
11/9/2016 4:00:00 AM 543600.000 65.142
17.070 146.740 34357.301
40489.711 26.034 27.533
29.106 1.019
11/9/2016 4:15:00 AM 544500.000 65.142

17.071 146.738 34365.684
40499.430 26.041 27.540
29.099 1.019
11/9/2016 4:30:00 AM 545400.000 65.152
17.070 146.762 34372.320
40507.410 26.046 27.545
29.093 1.019
11/9/2016 4:45:00 AM 546300.000 65.168
17.071 146.797 34384.406
40521.340 26.056 27.555
29.083 1.019
11/9/2016 5:00:00 AM 547200.000 65.173
17.071 146.808 34379.707
40515.645 26.052 27.551
29.087 1.019
11/9/2016 5:15:00 AM 548100.000 65.172
17.071 146.806 34371.695
40506.043 26.045 27.544
29.094 1.019
11/9/2016 5:30:00 AM 549000.000 65.176
17.071 146.816 34372.367
40506.590 26.046 27.544
29.093 1.019
11/9/2016 5:45:00 AM 549900.000 65.177
17.071 146.817 34374.555
40509.090 26.048 27.546
29.091 1.019
11/9/2016 6:00:00 AM 550800.000 65.194
17.072 146.856 34392.238
40529.762 26.062 27.560
29.076 1.019
11/9/2016 6:15:00 AM 551700.000 65.188
17.072 146.842 34386.922
40522.863 26.057 27.556
29.081 1.019
11/9/2016 6:30:00 AM 552600.000 65.188
17.072 146.842 34395.008
40532.629 26.064 27.562
29.074 1.019
11/9/2016 6:45:00 AM 553500.000 65.198
17.072 146.866 34417.672
40559.340 26.083 27.580
29.055 1.019
11/9/2016 7:00:00 AM 554400.000 65.198
17.072 146.866 34411.629
40552.219 26.078 27.576
29.060 1.019
11/9/2016 7:15:00 AM 555300.000 65.203
17.073 146.875 34411.438
40551.344 26.078 27.575
29.060 1.019
11/9/2016 7:30:00 AM 556200.000 65.203
17.073 146.875 34411.730
40551.691 26.078 27.575
29.060 1.019
11/9/2016 7:45:00 AM 557100.000 65.205
17.073 146.881 34422.375

40564.324 26.087 27.584
29.051 1.019
11/9/2016 8:00:00 AM 558000.000 65.206
17.072 146.884 34418.148
40559.574 26.084 27.581
29.054 1.019
11/9/2016 8:15:00 AM 558900.000 65.206
17.073 146.884 34412.582
40552.785 26.079 27.576
29.059 1.019
11/9/2016 8:30:00 AM 559800.000 65.208
17.073 146.888 34423.359
40565.484 26.088 27.585
29.050 1.019
11/9/2016 8:45:00 AM 560700.000 65.213
17.073 146.898 34406.941
40545.809 26.074 27.571
29.064 1.019
11/9/2016 9:00:00 AM 561600.000 65.204
17.073 146.878 34439.754
40584.316 26.101 27.597
29.036 1.019
11/9/2016 9:15:00 AM 562500.000 65.205
17.073 146.881 34441.777
40586.699 26.103 27.599
29.035 1.019
11/9/2016 9:30:00 AM 563400.000 65.210
17.073 146.892 34434.707
40578.613 26.097 27.593
29.040 1.019
11/9/2016 9:45:00 AM 564300.000 65.212
17.073 146.896 34421.285
40562.797 26.086 27.583
29.052 1.019
11/9/2016 10:00:00 AM 565200.000 65.211
17.073 146.894 34429.023
40571.914 26.092 27.589
29.045 1.019
11/9/2016 10:15:00 AM 566100.000 65.200
17.073 146.868 34443.457
40588.520 26.104 27.600
29.033 1.019
11/9/2016 10:30:00 AM 567000.000 65.197
17.073 146.862 34418.422
40559.574 26.084 27.581
29.054 1.019
11/9/2016 10:45:00 AM 567900.000 65.221
17.073 146.917 34435.117
40579.098 26.097 27.594
29.040 1.019
11/9/2016 11:00:00 AM 568800.000 65.189
17.074 146.845 34420.477
40561.203 26.085 27.582
29.052 1.019
11/9/2016 11:15:00 AM 569700.000 65.196
17.073 146.860 34425.785
40568.176 26.090 27.586

29.048 1.019
11/9/2016 11:30:00 AM 570600.000 65.188
17.074 146.842 34423.320
40564.469 26.087 27.584
29.050 1.019
11/9/2016 11:45:00 AM 571500.000 65.186
17.073 146.839 34430.258
40572.965 26.093 27.590
29.044 1.019
11/9/2016 12:00:00 PM 572400.000 65.185
17.073 146.836 34447.207
40593.098 26.107 27.603
29.030 1.019
11/9/2016 12:15:00 PM 573300.000 65.188
17.073 146.842 34412.246
40552.223 26.078 27.576
29.059 1.019
11/9/2016 12:30:00 PM 574200.000 65.191
17.073 146.849 34442.746
40587.840 26.104 27.600
29.034 1.019
11/9/2016 12:45:00 PM 575100.000 65.183
17.073 146.832 34442.691
40587.777 26.104 27.600
29.034 1.019
11/9/2016 1:00:00 PM 576000.000 65.186
17.073 146.839 34443.023
40588.168 26.104 27.600
29.033 1.019
11/9/2016 1:15:00 PM 576900.000 65.188
17.073 146.842 34433.102
40576.797 26.096 27.592
29.042 1.019
11/9/2016 1:30:00 PM 577800.000 65.186
17.073 146.839 34424.758
40566.574 26.089 27.585
29.049 1.019
11/9/2016 1:45:00 PM 578700.000 65.190
17.073 146.847 34434.430
40577.813 26.097 27.593
29.041 1.019
11/9/2016 2:00:00 PM 579600.000 65.188
17.073 146.842 34442.488
40587.379 26.103 27.599
29.034 1.019
11/9/2016 2:15:00 PM 580500.000 65.186
17.073 146.839 34444.594
40589.789 26.105 27.601
29.032 1.019
11/9/2016 2:30:00 PM 581400.000 65.200
17.074 146.868 34433.344
40576.363 26.096 27.592
29.042 1.019
11/9/2016 2:45:00 PM 582300.000 65.194
17.073 146.856 34422.816
40564.285 26.087 27.584
29.050 1.019

11/9/2016 3:00:00 PM 583200.000 65.201
17.074 146.871 34445.828
40590.520 26.106 27.602
29.031 1.019
11/9/2016 3:15:00 PM 584100.000 65.201
17.073 146.871 34451.918
40598.734 26.111 27.607
29.026 1.019
11/9/2016 3:30:00 PM 585000.000 65.197
17.074 146.863 34453.820
40599.770 26.112 27.608
29.024 1.019
11/9/2016 3:45:00 PM 585900.000 65.200
17.073 146.870 34427.691
40570.188 26.091 27.588
29.046 1.019
11/9/2016 4:00:00 PM 586800.000 65.205
17.074 146.880 34462.551
40610.301 26.120 27.615
29.017 1.019
11/9/2016 4:15:00 PM 587700.000 65.212
17.074 146.895 34459.961
40607.324 26.118 27.613
29.019 1.019
11/9/2016 4:30:00 PM 588600.000 65.217
17.074 146.908 34443.551
40587.910 26.104 27.600
29.033 1.019
11/9/2016 4:45:00 PM 589500.000 65.233
17.075 146.944 34440.852
40584.242 26.101 27.597
29.035 1.019
11/9/2016 5:00:00 PM 590400.000 65.222
17.074 146.919 34455.008
40601.410 26.113 27.609
29.023 1.019
11/9/2016 5:15:00 PM 591300.000 65.232
17.075 146.941 34470.957
40619.719 26.126 27.621
29.010 1.019
11/9/2016 5:30:00 PM 592200.000 65.230
17.074 146.936 34458.016
40604.637 26.116 27.611
29.021 1.019
11/9/2016 5:45:00 PM 593100.000 65.232
17.074 146.941 34464.941
40613.441 26.122 27.617
29.015 1.019
11/9/2016 6:00:00 PM 594000.000 65.232
17.075 146.941 34454.754
40600.145 26.113 27.608
29.024 1.019
11/9/2016 6:15:00 PM 594900.000 65.235
17.074 146.949 34469.684
40618.547 26.126 27.621
29.011 1.019
11/9/2016 6:30:00 PM 595800.000 65.237

17.075	146.953	34463.684
40610.988	26.120	27.615
29.016	1.019	
11/9/2016 6:45:00 PM	596700.000	65.238
17.075	146.954	34445.176
40589.422	26.105	27.601
29.032	1.019	
11/9/2016 7:00:00 PM	597600.000	65.236
17.075	146.951	34466.980
40614.801	26.123	27.618
29.013	1.019	
11/9/2016 7:15:00 PM	598500.000	65.242
17.075	146.964	34464.781
40612.363	26.121	27.616
29.015	1.019	
11/9/2016 7:30:00 PM	599400.000	65.243
17.075	146.966	34466.832
40614.859	26.123	27.618
29.013	1.019	
11/9/2016 7:45:00 PM	600300.000	65.235
17.075	146.948	34456.250
40601.984	26.114	27.609
29.022	1.019	
11/9/2016 8:00:00 PM	601200.000	65.232
17.075	146.941	34470.266
40618.902	26.126	27.621
29.011	1.019	
11/9/2016 8:15:00 PM	602100.000	65.230
17.074	146.938	34466.910
40615.363	26.123	27.618
29.013	1.019	
11/9/2016 8:30:00 PM	603000.000	65.228
17.075	146.933	34448.805
40593.539	26.108	27.604
29.029	1.019	
11/9/2016 8:45:00 PM	603900.000	65.229
17.074	146.934	34457.844
40604.434	26.116	27.611
29.021	1.019	
11/9/2016 9:00:00 PM	604800.000	65.220
17.074	146.915	34459.660
40606.973	26.117	27.613
29.019	1.019	
11/9/2016 9:15:00 PM	605700.000	65.226
17.075	146.929	34477.234
40627.199	26.132	27.626
29.005	1.019	
11/9/2016 9:30:00 PM	606600.000	65.220
17.075	146.914	34449.316
40594.301	26.108	27.604
29.028	1.019	
11/9/2016 9:45:00 PM	607500.000	65.223
17.075	146.920	34449.523
40594.461	26.108	27.604
29.028	1.019	
11/9/2016 10:00:00 PM	608400.000	65.204
17.074	146.878	34449.461

40595.121 26.109 27.605
29.028 1.019
11/9/2016 10:15:00 PM 609300.000 65.213
17.074 146.899 34431.047
40573.422 26.093 27.590
29.044 1.019
11/9/2016 10:30:00 PM 610200.000 65.206
17.074 146.884 34432.512
40575.063 26.095 27.591
29.042 1.019
11/9/2016 10:45:00 PM 611100.000 65.199
17.074 146.867 34435.109
40577.805 26.097 27.593
29.040 1.019
11/9/2016 11:00:00 PM 612000.000 65.197
17.073 146.862 34429.668
40572.516 26.093 27.589
29.045 1.019
11/9/2016 11:15:00 PM 612900.000 65.192
17.073 146.851 34456.348
40603.711 26.115 27.611
29.022 1.019
11/9/2016 11:30:00 PM 613800.000 65.188
17.073 146.842 34453.551
40600.574 26.113 27.608
29.025 1.019
11/9/2016 11:45:00 PM 614700.000 65.186
17.073 146.837 34440.574
40585.680 26.102 27.598
29.036 1.019

Report Date: 11/14/2016 8:30:25 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3S Pre Test_2016-11-10_13-10-02-752.wsl
Create Date: 11/10/2016 1:09:50 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: 736
Sensors: 1
1 - 396211: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/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			
	Elapsed Time	SN#: 396211	SN#: 396211
SN#: 396211		SN#: 396211	SN#: 396211
SN#: 396211		SN#: 396211	SN#: 396211
SN#: 396211			
Date and Time	Seconds	Pressure (PSI)	Temperature (C)
Depth (ft)		Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)
Salinity (PSU)		Total Dissolved Solids (ppt)	Resistivity (ohm-cm)
Water Density (g/cm3)			
11/3/2016 12:00:00 AM	7200.000	18.809	17.073
42.368		34194.699	40295.719
25.896		27.401	29.244
1.019			
11/3/2016 12:15:00 AM	8100.000	18.804	17.072
42.357		34215.215	40320.449
25.913		27.418	29.227
1.019			
11/3/2016 12:30:00 AM	9000.000	18.809	17.073
42.368		34224.344	40331.043
25.921		27.425	29.219
1.019			
11/3/2016 12:45:00 AM	9900.000	18.805	17.074
42.359		34195.406	40295.836
25.896		27.401	29.244
1.019			
11/3/2016 1:00:00 AM	10800.000	18.806	17.074
42.362		34216.422	40320.758
25.914		27.418	29.226
1.019			
11/3/2016 1:15:00 AM	11700.000	18.802	17.074
42.353		34167.852	40263.207
25.873		27.379	29.267
1.019			
11/3/2016 1:30:00 AM	12600.000	18.804	17.074
42.358		34220.527	40325.352
25.917		27.421	29.222

1.019
11/3/2016 1:45:00 AM 13500.000 18.803 17.074
42.355 34186.258 40284.824
25.888 27.394 29.252
1.019
11/3/2016 2:00:00 AM 14400.000 18.799 17.073
42.346 34220.781 40326.207
25.917 27.422 29.222
1.019
11/3/2016 2:15:00 AM 15300.000 18.804 17.074
42.359 34183.617 40281.711
25.886 27.392 29.254
1.019
11/3/2016 2:30:00 AM 16200.000 18.802 17.074
42.354 34187.406 40286.641
25.889 27.395 29.251
1.019
11/3/2016 2:45:00 AM 17100.000 18.802 17.073
42.354 34195.563 40297.055
25.897 27.402 29.244
1.019
11/3/2016 3:00:00 AM 18000.000 18.800 17.071
42.350 34194.867 40297.336
25.897 27.402 29.244
1.019
11/3/2016 3:15:00 AM 18900.000 18.802 17.071
42.354 34204.305 40308.797
25.905 27.410 29.236
1.019
11/3/2016 3:30:00 AM 19800.000 18.804 17.071
42.359 34199.270 40303.176
25.901 27.406 29.240
1.019
11/3/2016 3:45:00 AM 20700.000 18.800 17.070
42.350 34197.082 40301.074
25.899 27.405 29.242
1.019
11/3/2016 4:00:00 AM 21600.000 18.803 17.069
42.356 34193.023 40297.004
25.897 27.402 29.246
1.019
11/3/2016 4:15:00 AM 22500.000 18.799 17.069
42.348 34216.578 40325.563
25.917 27.421 29.226
1.019
11/3/2016 4:30:00 AM 23400.000 18.800 17.067
42.350 34189.066 40294.336
25.895 27.400 29.249
1.019
11/3/2016 4:45:00 AM 24300.000 18.798 17.067
42.345 34239.633 40354.004
25.937 27.441 29.206
1.019
11/3/2016 5:00:00 AM 25200.000 18.795 17.067
42.338 34218.438 40329.191
25.919 27.424 29.224
1.019

11/3/2016 5:15:00 AM	26100.000	18.801	17.063
42.350	34205.875	40317.883	
25.911	27.416	29.235	
1.019			
11/3/2016 5:30:00 AM	27000.000	18.801	17.063
42.351	34225.988	40341.434	
25.928	27.432	29.218	
1.019			
11/3/2016 5:45:00 AM	27900.000	18.804	17.062
42.357	34193.520	40304.199	
25.901	27.407	29.245	
1.019			
11/3/2016 6:00:00 AM	28800.000	18.798	17.064
42.344	34227.273	40342.473	
25.929	27.433	29.216	
1.019			
11/3/2016 6:15:00 AM	29700.000	18.801	17.061
42.351	34208.824	40322.871	
25.915	27.420	29.232	
1.019			
11/3/2016 6:30:00 AM	30600.000	18.798	17.061
42.343	34225.859	40343.516	
25.929	27.434	29.218	
1.019			
11/3/2016 6:45:00 AM	31500.000	18.794	17.059
42.334	34229.047	40348.625	
25.933	27.437	29.215	
1.019			
11/3/2016 7:00:00 AM	32400.000	18.794	17.061
42.336	34233.926	40352.699	
25.936	27.440	29.211	
1.019			
11/3/2016 7:15:00 AM	33300.000	18.796	17.059
42.340	34212.918	40330.008	
25.920	27.424	29.229	
1.019			
11/3/2016 7:30:00 AM	34200.000	18.796	17.061
42.340	34235.430	40354.875	
25.937	27.441	29.210	
1.019			
11/3/2016 7:45:00 AM	35100.000	18.794	17.059
42.335	34234.535	40355.004	
25.937	27.441	29.210	
1.019			
11/3/2016 8:00:00 AM	36000.000	18.799	17.058
42.347	34219.113	40338.184	
25.925	27.430	29.223	
1.019			
11/3/2016 8:15:00 AM	36900.000	18.793	17.058
42.333	34227.879	40348.516	
25.933	27.437	29.216	
1.019			
11/3/2016 8:30:00 AM	37800.000	18.797	17.057
42.341	34270.668	40399.680	
25.969	27.472	29.179	
1.019			
11/3/2016 8:45:00 AM	38700.000	18.797	17.056

42.341 34236.891 40360.660
25.941 27.445 29.208
1.019
11/3/2016 9:00:00 AM 39600.000 18.794 17.057
42.335 34245.156 40369.449
25.947 27.451 29.201
1.019
11/3/2016 9:15:00 AM 40500.000 18.791 17.060
42.329 34270.605 40396.656
25.967 27.470 29.180
1.019
11/3/2016 9:30:00 AM 41400.000 18.789 17.058
42.324 34242.656 40366.270
25.945 27.449 29.203
1.019
11/3/2016 9:45:00 AM 42300.000 18.788 17.056
42.321 34260.898 40388.727
25.961 27.464 29.188
1.019
11/3/2016 10:00:00 AM 43200.000 18.792
17.058 42.330 34278.012
40407.371 25.975 27.477
29.173 1.019
11/3/2016 10:15:00 AM 44100.000 18.795
17.057 42.337 34263.688
40391.527 25.963 27.466
29.185 1.019
11/3/2016 10:30:00 AM 45000.000 18.793
17.057 42.333 34265.758
40394.133 25.965 27.468
29.184 1.019
11/3/2016 10:45:00 AM 45900.000 18.788
17.056 42.321 34277.949
40409.379 25.976 27.478
29.173 1.019
11/3/2016 11:00:00 AM 46800.000 18.790
17.055 42.327 34253.445
40381.375 25.956 27.459
29.194 1.019
11/3/2016 11:15:00 AM 47700.000 18.789
17.055 42.323 34266.641
40397.090 25.967 27.470
29.183 1.019
11/3/2016 11:30:00 AM 48600.000 18.787
17.058 42.319 34290.793
40422.766 25.985 27.487
29.162 1.019
11/3/2016 11:45:00 AM 49500.000 18.789
17.056 42.325 34283.027
40415.047 25.980 27.482
29.169 1.019
11/3/2016 12:00:00 PM 50400.000 18.789
17.056 42.324 34277.832
40409.242 25.976 27.478
29.173 1.019
11/3/2016 12:15:00 PM 51300.000 18.787
17.059 42.320 34284.125

40414.113 25.979 27.482
29.168 1.019
11/3/2016 12:30:00 PM 52200.000 18.789
17.055 42.325 34286.531
40420.055 25.983 27.486
29.166 1.019
11/3/2016 12:45:00 PM 53100.000 18.787
17.057 42.320 34265.520
40393.289 25.964 27.467
29.184 1.019
11/3/2016 1:00:00 PM 54000.000 18.787 17.058
42.320 34260.641 40386.895
25.960 27.463 29.188
1.019
11/3/2016 1:15:00 PM 54900.000 18.788 17.057
42.322 34271.367 40400.746
25.970 27.473 29.179
1.019
11/3/2016 1:30:00 PM 55800.000 18.784 17.056
42.312 34306.820 40443.098
26.000 27.501 29.149
1.019
11/3/2016 1:45:00 PM 56700.000 18.790 17.057
42.326 34246.535 40371.473
25.949 27.453 29.200
1.019
11/3/2016 2:00:00 PM 57600.000 18.787 17.056
42.320 34289.406 40422.652
25.985 27.487 29.164
1.019
11/3/2016 2:15:00 PM 58500.000 18.789 17.056
42.325 34298.176 40432.738
25.992 27.494 29.156
1.019
11/3/2016 2:30:00 PM 59400.000 18.784 17.056
42.312 34307.898 40444.199
26.001 27.502 29.148
1.019
11/3/2016 2:45:00 PM 60300.000 18.790 17.055
42.326 34307.348 40444.434
26.001 27.502 29.148
1.019
11/3/2016 3:00:00 PM 61200.000 18.785 17.053
42.315 34288.184 40423.605
25.986 27.488 29.165
1.019
11/3/2016 3:15:00 PM 62100.000 18.784 17.053
42.313 34292.180 40428.879
25.990 27.492 29.161
1.019
11/3/2016 3:30:00 PM 63000.000 18.784 17.054
42.313 34267.840 40399.461
25.969 27.472 29.182
1.019
11/3/2016 3:45:00 PM 63900.000 18.785 17.056
42.316 34292.641 40426.867
25.988 27.490 29.161

1.019
11/3/2016 4:00:00 PM 64800.000 18.785 17.057
42.314 34278.645 40409.156
25.976 27.478 29.173
1.019
11/3/2016 4:15:00 PM 65700.000 18.789 17.054
42.324 34314.867 40454.340
26.008 27.509 29.142
1.019
11/3/2016 4:30:00 PM 66600.000 18.785 17.056
42.316 34335.957 40477.766
26.025 27.525 29.124
1.019
11/3/2016 4:45:00 PM 67500.000 18.787 17.053
42.319 34296.254 40433.273
25.993 27.495 29.158
1.019
11/3/2016 5:00:00 PM 68400.000 18.785 17.055
42.315 34326.129 40466.734
26.017 27.517 29.132
1.019
11/3/2016 5:15:00 PM 69300.000 18.784 17.052
42.312 34297.395 40436.063
25.995 27.497 29.157
1.019
11/3/2016 5:30:00 PM 70200.000 18.784 17.054
42.313 34322.711 40463.992
26.015 27.516 29.135
1.019
11/3/2016 5:45:00 PM 71100.000 18.787 17.054
42.320 34308.004 40446.652
26.002 27.504 29.148
1.019
11/3/2016 6:00:00 PM 72000.000 18.788 17.057
42.321 34300.836 40435.723
25.995 27.496 29.154
1.019
11/3/2016 6:15:00 PM 72900.000 18.787 17.056
42.320 34298.555 40433.590
25.993 27.495 29.156
1.019
11/3/2016 6:30:00 PM 73800.000 18.786 17.056
42.318 34294.398 40428.688
25.990 27.492 29.159
1.019
11/3/2016 6:45:00 PM 74700.000 18.785 17.058
42.315 34297.148 40430.508
25.991 27.493 29.157
1.019
11/3/2016 7:00:00 PM 75600.000 18.787 17.058
42.319 34319.020 40455.637
26.009 27.510 29.138
1.019
11/3/2016 7:15:00 PM 76500.000 18.782 17.059
42.309 34313.484 40448.227
26.004 27.505 29.143
1.019

11/3/2016 7:30:00 PM 77400.000 18.786 17.060
42.317 34319.520 40454.957
26.008 27.509 29.138
1.019
11/3/2016 7:45:00 PM 78300.000 18.789 17.059
42.324 34330.578 40468.219
26.018 27.518 29.129
1.019
11/3/2016 8:00:00 PM 79200.000 18.785 17.061
42.314 34332.844 40469.055
26.019 27.519 29.127
1.019
11/3/2016 8:15:00 PM 80100.000 18.785 17.067
42.316 34324.129 40453.918
26.008 27.509 29.134
1.019
11/3/2016 8:30:00 PM 81000.000 18.787 17.068
42.319 34305.715 40431.492
25.992 27.493 29.150
1.019
11/3/2016 8:45:00 PM 81900.000 18.786 17.068
42.318 34327.160 40455.953
26.010 27.510 29.131
1.019
11/3/2016 9:00:00 PM 82800.000 18.791 17.069
42.329 34315.316 40441.605
25.999 27.500 29.142
1.019
11/3/2016 9:15:00 PM 83700.000 18.790 17.071
42.326 34346.973 40476.758
26.025 27.524 29.115
1.019
11/3/2016 9:30:00 PM 84600.000 18.787 17.071
42.320 34325.688 40452.234
26.007 27.508 29.133
1.019
11/3/2016 9:45:00 PM 85500.000 18.786 17.071
42.317 34340.887 40469.414
26.019 27.519 29.120
1.019
11/3/2016 10:00:00 PM 86400.000 18.785
17.072 42.314 34303.660
40425.395 25.988 27.489
29.151 1.019
11/3/2016 10:15:00 PM 87300.000 18.790
17.072 42.326 34314.488
40438.152 25.997 27.498
29.142 1.019
11/3/2016 10:30:00 PM 88200.000 18.791
17.072 42.327 34313.590
40436.867 25.996 27.497
29.143 1.019
11/3/2016 10:45:00 PM 89100.000 18.792
17.073 42.331 34317.055
40440.223 25.999 27.499
29.140 1.019
11/3/2016 11:00:00 PM 90000.000 18.791

17.072 42.329 34285.309
40403.453 25.972 27.474
29.167 1.019
11/3/2016 11:15:00 PM 90900.000 18.789
17.072 42.325 34301.867
40422.730 25.986 27.487
29.153 1.019
11/3/2016 11:30:00 PM 91800.000 18.785
17.072 42.316 34270.133
40385.242 25.959 27.462
29.180 1.019
11/3/2016 11:45:00 PM 92700.000 18.792
17.072 42.331 34287.535
40406.000 25.974 27.476
29.165 1.019
11/4/2016 12:00:00 AM 93600.000 18.791
17.072 42.329 34284.328
40402.613 25.972 27.474
29.168 1.019
11/4/2016 12:15:00 AM 94500.000 18.790
17.072 42.326 34235.469
40344.234 25.930 27.434
29.209 1.019
11/4/2016 12:30:00 AM 95400.000 18.794
17.073 42.336 34283.863
40400.793 25.971 27.473
29.168 1.019
11/4/2016 12:45:00 AM 96300.000 18.797
17.072 42.342 34296.469
40416.840 25.982 27.483
29.158 1.019
11/4/2016 1:00:00 AM 97200.000 18.793 17.072
42.332 34285.316 40403.695
25.973 27.475 29.167
1.019
11/4/2016 1:15:00 AM 98100.000 18.791 17.071
42.329 34282.938 40401.535
25.971 27.473 29.169
1.019
11/4/2016 1:30:00 AM 99000.000 18.797 17.073
42.341 34246.707 40357.395
25.940 27.443 29.200
1.019
11/4/2016 1:45:00 AM 99900.000 18.792 17.073
42.331 34285.543 40402.691
25.972 27.474 29.167
1.019
11/4/2016 2:00:00 AM 100800.000 18.796
17.072 42.341 34222.813
40329.641 25.920 27.424
29.220 1.019
11/4/2016 2:15:00 AM 101700.000 18.794
17.071 42.335 34234.375
40343.828 25.930 27.434
29.210 1.019
11/4/2016 2:30:00 AM 102600.000 18.791
17.072 42.329 34256.289

40369.488 25.948 27.451
29.192 1.019
11/4/2016 2:45:00 AM 103500.000 18.798
17.071 42.343 34271.578
40387.828 25.961 27.464
29.179 1.019
11/4/2016 3:00:00 AM 104400.000 18.794
17.071 42.334 34234.609
40344.102 25.930 27.434
29.210 1.019
11/4/2016 3:15:00 AM 105300.000 18.794
17.070 42.334 34242.340
40354.410 25.937 27.441
29.204 1.019
11/4/2016 3:30:00 AM 106200.000 18.794
17.072 42.336 34275.004
40391.230 25.964 27.466
29.176 1.019
11/4/2016 3:45:00 AM 107100.000 18.795
17.071 42.337 34235.461
40345.586 25.931 27.435
29.209 1.019
11/4/2016 4:00:00 AM 108000.000 18.795
17.069 42.338 34303.520
40427.227 25.989 27.491
29.152 1.019
11/4/2016 4:15:00 AM 108900.000 18.802
17.070 42.354 34254.191
40368.773 25.948 27.451
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11/5/2016 6:45:00 PM	247500.000	18.881
17.050	42.531	34465.691
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29.014	1.019	
11/5/2016 7:00:00 PM	248400.000	18.880
17.048	42.528	34451.836
40621.754	26.127	27.623
29.026	1.019	
11/5/2016 7:15:00 PM	249300.000	18.882
17.049	42.534	34451.680
40620.367	26.126	27.622
29.026	1.019	
11/5/2016 7:30:00 PM	250200.000	18.880
17.049	42.529	34495.184
40671.898	26.162	27.657
28.990	1.019	
11/5/2016 7:45:00 PM	251100.000	18.883
17.047	42.536	34485.469
40662.055	26.155	27.650
28.998	1.019	
11/5/2016 8:00:00 PM	252000.000	18.884
17.047	42.537	34449.480
40620.016	26.125	27.622
29.028	1.019	
11/5/2016 8:15:00 PM	252900.000	18.882
17.047	42.534	34474.316
40649.148	26.146	27.641
29.007	1.019	
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17.048	42.531	34486.996
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28.996	1.019	
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40661.316	26.155	27.650
28.996	1.019	
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17.050	42.531	34459.715
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29.019	1.019	
11/5/2016 9:15:00 PM	256500.000	18.885
17.050	42.540	34499.617

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28.986 1.019
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17.050 42.538 34465.590
40635.801 26.137 27.632
29.014 1.019
11/5/2016 9:45:00 PM 258300.000 18.880
17.052 42.530 34470.148
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29.011 1.019
11/5/2016 10:00:00 PM 259200.000 18.886
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29.004 1.019
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17.058 42.534 34467.555
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29.013 1.019
11/5/2016 10:30:00 PM 261000.000 18.885
17.064 42.541 34461.305
40618.551 26.125 27.621
29.018 1.019
11/5/2016 10:45:00 PM 261900.000 18.885
17.066 42.540 34495.770
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28.989 1.019
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17.066 42.543 34460.320
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29.019 1.019
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28.999 1.019
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28.998 1.019
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29.032 1.019
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29.052 1.019
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17.069 42.547 34453.633
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29.025 1.019
11/6/2016 12:30:00 AM 268200.000 18.890
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29.024 1.019
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29.043 1.019
11/6/2016 1:15:00 AM 270900.000 18.893
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29.043 1.019
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29.119 1.019
11/6/2016 5:30:00 AM 289800.000 18.903
17.071 42.580 34331.449
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29.128 1.019
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29.118 1.019
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29.119 1.019
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17.054 42.606 34390.949
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17.054 42.616 34419.023
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17.053 42.621 34471.703
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17.053 42.621 34440.004
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17.051 42.616 34483.086
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29.000 1.019
11/6/2016 6:00:00 PM 334800.000 18.920
17.053 42.619 34467.152
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29.013 1.019
11/6/2016 6:15:00 PM 335700.000 18.922
17.050 42.624 34461.625
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29.018 1.019
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17.052 42.629 34471.371
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17.051 42.635 34501.770
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17.050 42.632 34512.586
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17.050 42.641 34443.594
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29.033 1.019
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17.050 42.640 34513.738
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17.046 42.643 34477.996
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28.982 1.019
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17.050 42.648 34478.844
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29.003 1.019
11/6/2016 10:45:00 PM 351900.000 18.932
17.049 42.647 34496.516
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28.988 1.019
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17.050 42.646 34499.652
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17.050 42.648 34471.852
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29.009 1.019
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29.003 1.019
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28.956 1.019
11/7/2016 12:15:00 AM 357300.000 18.939
17.066 42.661 34497.699
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28.987 1.019
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17.068 42.654 34497.996

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17.068 42.662 34519.348
40682.953 26.171 27.664
28.969 1.019
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28.978 1.019
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17.069 42.661 34480.922
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29.002 1.019
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17.069 42.667 34469.703
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29.011 1.019
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17.069 42.666 34474.762
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29.007 1.019
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28.988 1.019
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29.005 1.019
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17.069 42.675 34441.496
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29.035 1.019
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11/7/2016 3:15:00 AM 368100.000 18.946
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28.999 1.019
11/7/2016 3:30:00 AM 369000.000 18.946
17.067 42.678 34425.484
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29.048 1.019
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17.066 42.678 34460.867
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29.018 1.019
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17.067 42.675 34424.738
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29.049 1.019
11/7/2016 4:15:00 AM 371700.000 18.946
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17.066 42.688 34432.336
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29.042 1.019
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17.067 42.686 34451.207
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29.027 1.019
11/7/2016 5:00:00 AM 374400.000 18.951
17.065 42.690 34445.230
40597.832 26.110 27.607
29.032 1.019
11/7/2016 5:15:00 AM 375300.000 18.948
17.066 42.683 34478.957
40636.703 26.138 27.633
29.003 1.019
11/7/2016 5:30:00 AM 376200.000 18.952
17.066 42.691 34439.879
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29.036 1.019
11/7/2016 5:45:00 AM 377100.000 18.952
17.067 42.692 34448.559
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29.029 1.019
11/7/2016 6:00:00 AM 378000.000 18.953
17.066 42.693 34454.473
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29.024 1.019
11/7/2016 6:15:00 AM 378900.000 18.952
17.066 42.691 34469.168
40625.340 26.130 27.625
29.011 1.019
11/7/2016 6:30:00 AM 379800.000 18.954
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29.054 1.019
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17.066 42.697 34474.996
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29.007 1.019
11/7/2016 7:00:00 AM 381600.000 18.956
17.067 42.701 34428.406
40576.414 26.095 27.592
29.046 1.019
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17.067 42.700 34456.598
40609.953 26.119 27.615
29.022 1.019
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29.015 1.019

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11/8/2016 9:30:00 PM 520200.000 18.997
17.084 42.792 34250.691
40351.738 25.936 27.439
29.196 1.019
11/8/2016 9:45:00 PM 521100.000 18.995
17.083 42.789 34244.297
40344.926 25.931 27.435
29.202 1.019
11/8/2016 10:00:00 PM 522000.000 18.990
17.083 42.777 34297.945
40408.289 25.976 27.478
29.156 1.019
11/8/2016 10:15:00 PM 522900.000 18.995
17.084 42.788 34268.395
40372.359 25.951 27.453
29.181 1.019
11/8/2016 10:30:00 PM 523800.000 18.998
17.084 42.795 34257.375
40359.688 25.942 27.445
29.191 1.019
11/8/2016 10:45:00 PM 524700.000 18.995
17.083 42.788 34254.879
40357.156 25.940 27.443
29.193 1.019
11/8/2016 11:00:00 PM 525600.000 19.000
17.083 42.800 34268.504
40373.359 25.951 27.454

29.181 1.019
11/8/2016 11:15:00 PM 526500.000 18.999
17.085 42.796 34270.344
40373.547 25.952 27.454
29.180 1.019
11/8/2016 11:30:00 PM 527400.000 18.996
17.085 42.791 34276.516
40381.609 25.957 27.459
29.174 1.019
11/8/2016 11:45:00 PM 528300.000 18.997
17.086 42.792 34274.500
40377.723 25.955 27.457
29.176 1.019
11/9/2016 12:00:00 AM 529200.000 19.000
17.085 42.800 34262.141
40364.117 25.945 27.448
29.187 1.019
11/9/2016 12:15:00 AM 530100.000 19.001
17.085 42.801 34273.730
40378.078 25.955 27.457
29.177 1.019
11/9/2016 12:30:00 AM 531000.000 19.001
17.086 42.803 34265.379
40367.531 25.947 27.450
29.184 1.019
11/9/2016 12:45:00 AM 531900.000 19.002
17.087 42.804 34297.848
40404.422 25.974 27.475
29.156 1.019
11/9/2016 1:00:00 AM 532800.000 18.996
17.087 42.790 34286.902
40391.449 25.965 27.466
29.166 1.019
11/9/2016 1:15:00 AM 533700.000 18.999
17.088 42.797 34285.688
40389.453 25.963 27.465
29.167 1.019
11/9/2016 1:30:00 AM 534600.000 19.000
17.087 42.799 34287.688
40392.137 25.965 27.467
29.165 1.019
11/9/2016 1:45:00 AM 535500.000 18.999
17.088 42.798 34283.441
40386.496 25.961 27.463
29.169 1.019
11/9/2016 2:00:00 AM 536400.000 19.001
17.088 42.802 34262.133
40361.230 25.943 27.446
29.187 1.019
11/9/2016 2:15:00 AM 537300.000 19.002
17.087 42.804 34256.457
40355.816 25.939 27.442
29.192 1.019
11/9/2016 2:30:00 AM 538200.000 18.998
17.087 42.795 34254.848
40354.000 25.938 27.441
29.193 1.019

11/9/2016 2:45:00 AM 539100.000 19.007
17.086 42.815 34245.902
40343.781 25.931 27.434
29.201 1.019
11/9/2016 3:00:00 AM 540000.000 18.999
17.086 42.798 34286.113
40391.152 25.964 27.466
29.166 1.019
11/9/2016 3:15:00 AM 540900.000 19.002
17.087 42.804 34236.328
40332.023 25.922 27.426
29.209 1.019
11/9/2016 3:30:00 AM 541800.000 19.001
17.085 42.801 34246.422
40345.363 25.932 27.435
29.200 1.019
11/9/2016 3:45:00 AM 542700.000 19.007
17.088 42.815 34250.945
40348.371 25.934 27.437
29.196 1.019
11/9/2016 4:00:00 AM 543600.000 19.003
17.087 42.807 34261.227
40361.602 25.943 27.446
29.188 1.019
11/9/2016 4:15:00 AM 544500.000 19.002
17.086 42.804 34253.070
40352.629 25.937 27.440
29.194 1.019
11/9/2016 4:30:00 AM 545400.000 19.006
17.085 42.812 34264.805
40367.410 25.947 27.450
29.184 1.019
11/9/2016 4:45:00 AM 546300.000 19.003
17.084 42.807 34256.398
40358.535 25.941 27.444
29.192 1.019
11/9/2016 5:00:00 AM 547200.000 19.003
17.085 42.807 34246.898
40346.313 25.932 27.435
29.200 1.019
11/9/2016 5:15:00 AM 548100.000 19.008
17.084 42.816 34250.945
40351.641 25.936 27.439
29.196 1.019
11/9/2016 5:30:00 AM 549000.000 19.006
17.084 42.813 34254.191
40356.020 25.939 27.442
29.194 1.019
11/9/2016 5:45:00 AM 549900.000 19.006
17.083 42.813 34280.918
40388.465 25.962 27.464
29.171 1.019
11/9/2016 6:00:00 AM 550800.000 19.006
17.084 42.812 34259.754
40362.414 25.944 27.446
29.189 1.019
11/9/2016 6:15:00 AM 551700.000 19.005

17.081 42.810 34271.379
40379.141 25.955 27.458
29.179 1.019
11/9/2016 6:30:00 AM 552600.000 19.007
17.081 42.815 34277.922
40386.926 25.961 27.463
29.173 1.019
11/9/2016 6:45:00 AM 553500.000 19.007
17.079 42.815 34247.648
40352.539 25.936 27.440
29.199 1.019
11/9/2016 7:00:00 AM 554400.000 19.007
17.079 42.815 34277.125
40387.656 25.961 27.464
29.174 1.019
11/9/2016 7:15:00 AM 555300.000 19.009
17.078 42.820 34270.832
40381.055 25.957 27.459
29.179 1.019
11/9/2016 7:30:00 AM 556200.000 19.008
17.076 42.818 34248.141
40355.738 25.939 27.442
29.199 1.019
11/9/2016 7:45:00 AM 557100.000 19.009
17.074 42.819 34264.031
40376.543 25.953 27.456
29.185 1.019
11/9/2016 8:00:00 AM 558000.000 19.006
17.071 42.813 34261.648
40375.969 25.953 27.456
29.187 1.019
11/9/2016 8:15:00 AM 558900.000 19.009
17.072 42.821 34285.555
40403.742 25.973 27.475
29.167 1.019
11/9/2016 8:30:00 AM 559800.000 19.012
17.073 42.826 34287.180
40404.293 25.973 27.475
29.165 1.019
11/9/2016 8:45:00 AM 560700.000 19.009
17.072 42.819 34262.105
40376.195 25.953 27.456
29.187 1.019
11/9/2016 9:00:00 AM 561600.000 19.015
17.074 42.834 34307.789
40428.035 25.990 27.491
29.148 1.019
11/9/2016 9:15:00 AM 562500.000 19.012
17.072 42.826 34250.461
40361.902 25.943 27.446
29.197 1.019
11/9/2016 9:30:00 AM 563400.000 19.014
17.070 42.831 34317.809
40443.191 26.001 27.501
29.139 1.019
11/9/2016 9:45:00 AM 564300.000 19.016
17.073 42.835 34271.402

40386.426 25.960 27.463
29.179 1.019
11/9/2016 10:00:00 AM 565200.000 19.012
17.070 42.825 34322.863
40449.469 26.005 27.506
29.135 1.019
11/9/2016 10:15:00 AM 566100.000 19.014
17.071 42.831 34332.004
40459.035 26.012 27.512
29.127 1.019
11/9/2016 10:30:00 AM 567000.000 19.015
17.069 42.834 34306.906
40431.617 25.992 27.494
29.149 1.019
11/9/2016 10:45:00 AM 567900.000 19.014
17.070 42.831 34310.527
40434.680 25.995 27.496
29.146 1.019
11/9/2016 11:00:00 AM 568800.000 19.013
17.069 42.829 34323.348
40450.758 26.006 27.507
29.135 1.019
11/9/2016 11:15:00 AM 569700.000 19.015
17.069 42.833 34318.379
40444.813 26.002 27.502
29.139 1.019
11/9/2016 11:30:00 AM 570600.000 19.016
17.069 42.834 34320.813
40448.242 26.004 27.505
29.137 1.019
11/9/2016 11:45:00 AM 571500.000 19.014
17.068 42.831 34354.387
40488.766 26.033 27.532
29.108 1.019
11/9/2016 12:00:00 PM 572400.000 19.015
17.068 42.834 34329.238
40459.215 26.012 27.512
29.130 1.019
11/9/2016 12:15:00 PM 573300.000 19.018
17.068 42.840 34326.645
40455.348 26.009 27.510
29.132 1.019
11/9/2016 12:30:00 PM 574200.000 19.016
17.069 42.834 34320.152
40446.742 26.003 27.504
29.137 1.019
11/9/2016 12:45:00 PM 575100.000 19.017
17.067 42.838 34331.980
40462.520 26.014 27.515
29.127 1.019
11/9/2016 1:00:00 PM 576000.000 19.017
17.067 42.838 34364.000
40500.820 26.041 27.541
29.100 1.019
11/9/2016 1:15:00 PM 576900.000 19.025
17.068 42.856 34362.777
40498.023 26.040 27.539

29.101 1.019
11/9/2016 1:30:00 PM 577800.000 19.020
17.066 42.845 34358.730
40495.492 26.038 27.537
29.105 1.019
11/9/2016 1:45:00 PM 578700.000 19.020
17.066 42.844 34368.797
40507.441 26.046 27.545
29.096 1.019
11/9/2016 2:00:00 PM 579600.000 19.018
17.066 42.840 34351.719
40487.547 26.032 27.532
29.111 1.019
11/9/2016 2:15:00 PM 580500.000 19.022
17.065 42.849 34351.848
40488.340 26.032 27.532
29.111 1.019
11/9/2016 2:30:00 PM 581400.000 19.027
17.063 42.859 34365.617
40506.488 26.045 27.544
29.099 1.019
11/9/2016 2:45:00 PM 582300.000 19.019
17.063 42.842 34357.668
40496.641 26.038 27.538
29.106 1.019
11/9/2016 3:00:00 PM 583200.000 19.019
17.065 42.843 34352.297
40489.020 26.033 27.533
29.110 1.019
11/9/2016 3:15:00 PM 584100.000 19.022
17.060 42.849 34369.969
40513.699 26.050 27.549
29.095 1.019
11/9/2016 3:30:00 PM 585000.000 19.020
17.062 42.845 34380.656
40524.938 26.058 27.557
29.086 1.019
11/9/2016 3:45:00 PM 585900.000 19.025
17.062 42.855 34378.516
40522.734 26.057 27.555
29.088 1.019
11/9/2016 4:00:00 PM 586800.000 19.022
17.062 42.850 34386.664
40531.859 26.063 27.562
29.081 1.019
11/9/2016 4:15:00 PM 587700.000 19.027
17.062 42.861 34373.453
40516.289 26.052 27.551
29.092 1.019
11/9/2016 4:30:00 PM 588600.000 19.030
17.062 42.866 34388.453
40534.289 26.065 27.563
29.080 1.019
11/9/2016 4:45:00 PM 589500.000 19.026
17.062 42.858 34423.016
40575.188 26.094 27.591
29.050 1.019

11/9/2016 5:00:00 PM 590400.000 19.028
17.061 42.863 34388.578
40535.160 26.066 27.564
29.079 1.019
11/9/2016 5:15:00 PM 591300.000 19.033
17.059 42.873 34397.445
40547.039 26.074 27.572
29.072 1.019
11/9/2016 5:30:00 PM 592200.000 19.027
17.062 42.861 34391.809
40537.832 26.068 27.566
29.077 1.019
11/9/2016 5:45:00 PM 593100.000 19.030
17.061 42.868 34367.211
40509.883 26.048 27.547
29.098 1.019
11/9/2016 6:00:00 PM 594000.000 19.032
17.059 42.871 34420.527
40575.059 26.094 27.591
29.052 1.019
11/9/2016 6:15:00 PM 594900.000 19.036
17.060 42.881 34424.371
40577.824 26.096 27.593
29.049 1.019
11/9/2016 6:30:00 PM 595800.000 19.032
17.060 42.872 34419.863
40572.594 26.092 27.589
29.053 1.019
11/9/2016 6:45:00 PM 596700.000 19.035
17.062 42.878 34435.926
40590.164 26.105 27.601
29.039 1.019
11/9/2016 7:00:00 PM 597600.000 19.034
17.062 42.876 34391.012
40537.055 26.067 27.565
29.077 1.019
11/9/2016 7:15:00 PM 598500.000 19.035
17.063 42.878 34423.203
40574.523 26.094 27.591
29.050 1.019
11/9/2016 7:30:00 PM 599400.000 19.035
17.062 42.879 34429.285
40582.098 26.099 27.596
29.045 1.019
11/9/2016 7:45:00 PM 600300.000 19.037
17.063 42.883 34411.102
40559.863 26.083 27.581
29.060 1.019
11/9/2016 8:00:00 PM 601200.000 19.039
17.062 42.886 34446.988
40603.035 26.114 27.610
29.030 1.019
11/9/2016 8:15:00 PM 602100.000 19.040
17.063 42.890 34429.027
40581.230 26.098 27.595
29.045 1.019
11/9/2016 8:30:00 PM 603000.000 19.037

17.062	42.882	34452.703
40609.379	26.119	27.614
29.025	1.019	
11/9/2016 8:45:00 PM	603900.000	19.039
17.059	42.887	34454.781
40614.719	26.122	27.618
29.024	1.019	
11/9/2016 9:00:00 PM	604800.000	19.038
17.064	42.884	34456.648
40612.500	26.121	27.617
29.022	1.019	
11/9/2016 9:15:00 PM	605700.000	19.044
17.065	42.898	34487.828
40648.039	26.146	27.641
28.996	1.019	
11/9/2016 9:30:00 PM	606600.000	19.040
17.062	42.890	34457.785
40616.012	26.123	27.619
29.021	1.019	
11/9/2016 9:45:00 PM	607500.000	19.045
17.062	42.902	34445.551
40601.594	26.113	27.609
29.031	1.019	
11/9/2016 10:00:00 PM	608400.000	19.041
17.062	42.892	34439.941
40594.566	26.108	27.604
29.036	1.019	
11/9/2016 10:15:00 PM	609300.000	19.042
17.063	42.894	34461.523
40619.293	26.126	27.621
29.018	1.019	
11/9/2016 10:30:00 PM	610200.000	19.043
17.062	42.895	34464.914
40623.852	26.129	27.624
29.015	1.019	
11/9/2016 10:45:00 PM	611100.000	19.046
17.062	42.904	34463.438
40622.594	26.128	27.623
29.016	1.019	
11/9/2016 11:00:00 PM	612000.000	19.050
17.063	42.912	34481.551
40643.070	26.143	27.637
29.001	1.019	
11/9/2016 11:15:00 PM	612900.000	19.047
17.061	42.905	34460.801
40620.125	26.126	27.622
29.018	1.019	
11/9/2016 11:30:00 PM	613800.000	19.047
17.061	42.906	34481.398
40644.961	26.144	27.639
29.001	1.019	
11/9/2016 11:45:00 PM	614700.000	19.049
17.059	42.911	34436.363
40592.914	26.107	27.603
29.039	1.019	

Report Date: 11/14/2016 8:30:29 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-4D Pre Test_2016-11-11_09-24-27-658.wsl
Create Date: 11/11/2016 9:20:54 AM

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

Log Data:
Record Count: 818
Sensors: 1
1 - 392547: PCTD 300 PSIG (211m/692ft)
Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft
Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft
Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft
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)			
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11/3/2016 12:00:00 AM	7200.000	119.980	20.350	270.266	37886.184	41578.965	26.947	28.274	26.395	1.019
11/3/2016 12:15:00 AM	8100.000	119.985	20.353	270.278	37902.426	41594.496	26.958	28.284	26.384	1.019
11/3/2016 12:30:00 AM	9000.000	120.003	20.354	270.319	37869.160	41556.547	26.931	28.258	26.407	1.019
11/3/2016 12:45:00 AM	9900.000	120.018	20.357	270.352	37885.996	41572.961	26.943	28.270	26.395	1.019
11/3/2016 1:00:00 AM	10800.000	120.036	20.353	270.393	37876.266	41565.563	26.937	28.265	26.402	1.019
11/3/2016 1:15:00 AM	11700.000	120.051	20.353	270.427	37918.641	41611.684	26.970	28.296	26.372	1.019
11/3/2016 1:30:00 AM	12600.000	120.061	20.351	270.448	37915.277	41609.664	26.969	28.295	26.375	1.019
11/3/2016 1:45:00 AM	13500.000	120.069	20.351	270.466	37916.785	41612.164	26.971	28.296	26.374	1.019
11/3/2016 2:00:00 AM	14400.000	120.081	20.353	270.495	37928.254	41622.457	26.978	28.303	26.366	1.019
11/3/2016 2:15:00 AM	15300.000	120.084	20.355	270.502	37922.449	41614.480	26.973	28.298	26.370	1.019
11/3/2016 2:30:00 AM	16200.000	120.117	20.349	270.576	37889.973	41584.488	26.951	28.277	26.392	1.019
11/3/2016 2:45:00 AM	17100.000	120.099	20.351	270.535	37894.031	41586.805	26.953	28.279	26.389	1.019
11/3/2016 3:00:00 AM	18000.000	120.101	20.346	270.540	37885.570	41582.250	26.949	28.276	26.395	1.019
11/3/2016 3:15:00 AM	18900.000	120.109	20.348	270.557	37912.023	41609.074	26.968	28.294		

26.377	1.019	
11/3/2016 3:30:00 AM	19800.000	120.118
20.354	270.577	37915.336
41607.520	26.968	28.293
26.375	1.019	
11/3/2016 3:45:00 AM	20700.000	120.109
20.354	270.557	37899.934
41590.230	26.955	28.281
26.385	1.019	
11/3/2016 4:00:00 AM	21600.000	120.119
20.352	270.581	37879.684
41569.852	26.940	28.268
26.399	1.019	
11/3/2016 4:15:00 AM	22500.000	120.115
20.348	270.571	37884.059
41578.074	26.946	28.273
26.396	1.019	
11/3/2016 4:30:00 AM	23400.000	120.109
20.358	270.558	37927.109
41616.625	26.974	28.299
26.366	1.019	
11/3/2016 4:45:00 AM	24300.000	120.107
20.353	270.553	37918.230
41611.309	26.970	28.296
26.373	1.019	
11/3/2016 5:00:00 AM	25200.000	120.106
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26.396	1.019	
11/3/2016 5:15:00 AM	26100.000	120.101
20.347	270.540	37908.891
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26.379	1.019	
11/3/2016 5:30:00 AM	27000.000	120.109
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26.379	1.019	
11/3/2016 5:45:00 AM	27900.000	120.097
20.347	270.530	37882.555
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26.397	1.019	
11/3/2016 6:00:00 AM	28800.000	120.091
20.350	270.517	37875.000
41567.070	26.938	28.266
26.403	1.019	
11/3/2016 6:15:00 AM	29700.000	120.083
20.348	270.499	37890.535
41585.723	26.952	28.278
26.392	1.019	
11/3/2016 6:30:00 AM	30600.000	120.088
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41572.059	26.942	28.269
26.397	1.019	
11/3/2016 6:45:00 AM	31500.000	120.083
20.353	270.499	37893.172
41584.414	26.951	28.277
26.390	1.019	

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41573.195 26.943 28.270
26.397 1.019
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20.352 270.502 37893.133
41585.215 26.951 28.278
26.390 1.019
11/3/2016 7:30:00 AM 34200.000 120.077
20.355 270.486 37904.918
41595.023 26.959 28.285
26.382 1.019
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26.404 1.019
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41591.980 26.956 28.283
26.384 1.019
11/3/2016 8:15:00 AM 36900.000 120.101
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41609.145 26.969 28.294
26.376 1.019
11/3/2016 8:30:00 AM 37800.000 120.099
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41575.441 26.944 28.271
26.399 1.019
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20.344 270.553 37903.980
41603.836 26.965 28.291
26.382 1.019
11/3/2016 9:00:00 AM 39600.000 120.124
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26.390 1.019
11/3/2016 9:15:00 AM 40500.000 120.136
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26.376 1.019
11/3/2016 9:30:00 AM 41400.000 120.139
20.353 270.624 37907.234
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26.380 1.019
11/3/2016 9:45:00 AM 42300.000 120.176
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26.387 1.019
11/3/2016 10:00:00 AM 43200.000 120.166
20.347 270.685 37898.344
41594.836 26.958 28.284
26.386 1.019
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26.392 1.019
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26.396 1.019
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26.395 1.019
11/3/2016 11:00:00 AM 46800.000 120.223
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26.407 1.019
11/3/2016 11:15:00 AM 47700.000 120.235
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41597.855 26.960 28.287
26.382 1.019
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41612.266 26.971 28.296
26.372 1.019
11/3/2016 11:45:00 AM 49500.000 120.253
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41593.590 26.957 28.284
26.388 1.019
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26.365 1.019
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26.410 1.019
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20.355 271.000 37902.266
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26.384 1.019
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26.389 1.019
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26.381 1.019
11/3/2016 1:45:00 PM 56700.000 120.316
20.352 271.024 37915.922
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26.374 1.019
11/3/2016 2:00:00 PM 57600.000 120.316
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26.374 1.019
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26.381 1.019
11/3/2016 2:30:00 PM 59400.000 120.308
20.351 271.005 37912.316
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26.377 1.019
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20.355 270.990 37906.602
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26.381 1.019
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20.354 270.988 37885.953
41575.129 26.944 28.271
26.395 1.019
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41603.656 26.965 28.290
26.379 1.019
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26.397 1.019
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26.404 1.019
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20.351 270.850 37884.035
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26.396 1.019
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26.398 1.019
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26.394 1.019
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41600.188 26.962 28.288
26.383 1.019
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20.348 270.641 37889.414
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26.393 1.019
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20.346 270.604 37915.551
41615.012 26.973 28.298

26.374 1.019
11/3/2016 5:45:00 PM 71100.000 120.115
20.346 270.571 37887.125
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26.394 1.019
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26.382 1.019
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26.387 1.019
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41559.145 26.932 28.260
26.411 1.019
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26.394 1.019
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26.400 1.019
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20.349 270.170 37875.379
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26.402 1.019
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20.348 270.184 37886.113
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26.395 1.019
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20.348 270.159 37874.523
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26.403 1.019
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26.409 1.019
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20.349 270.119 37871.359
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26.405 1.019
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26.409 1.019

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20.349 270.083 37899.926
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26.385 1.019
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20.353 270.075 37869.836
41558.656 26.932 28.260
26.406 1.019
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20.352 270.074 37865.770
41555.113 26.930 28.257
26.409 1.019
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20.352 270.144 37872.492
41562.105 26.935 28.262
26.404 1.019
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20.353 270.151 37872.008
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26.405 1.019
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20.352 270.108 37885.238
41576.238 26.945 28.272
26.396 1.019
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26.382 1.019
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26.395 1.019
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26.394 1.019
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26.387 1.019
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26.396 1.019
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26.385 1.019
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26.390 1.019
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26.387 1.019
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26.406 1.019
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26.390 1.019
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26.403 1.019
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26.381 1.019
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26.402 1.019
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26.385 1.019
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26.395 1.019
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26.401 1.019
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26.414 1.019
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26.390 1.019
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41562.844 26.935 28.263
26.406 1.019
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26.376 1.019
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26.388 1.019
11/4/2016 4:00:00 AM 108000.000 120.167
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41577.348 26.946 28.273
26.394 1.019
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26.390 1.019
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26.380 1.019
11/4/2016 4:45:00 AM 110700.000 120.154
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26.406 1.019
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26.389 1.019
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26.402 1.019
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26.407 1.019
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26.392 1.019
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20.350 270.657 37875.637
41567.078 26.938 28.266
26.402 1.019
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26.372 1.019
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26.403 1.019
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26.391 1.019
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26.392 1.019
11/4/2016 7:15:00 AM 119700.000 120.139
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26.389 1.019
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26.419 1.019
11/4/2016 8:15:00 AM 123300.000 120.154
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26.385 1.019
11/4/2016 8:30:00 AM 124200.000 120.146
20.346 270.641 37881.281
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26.398 1.019
11/4/2016 8:45:00 AM 125100.000 120.162
20.347 270.676 37872.422
41566.602 26.938 28.265
26.404 1.019
11/4/2016 9:00:00 AM 126000.000 120.150
20.350 270.650 37865.129
41556.320 26.931 28.258
26.410 1.019
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41578.809 26.947 28.274
26.396 1.019
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26.398 1.019
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26.384 1.019
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26.393 1.019
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26.381 1.019
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26.387 1.019
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20.349 270.798 37890.125
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26.392 1.019
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26.380 1.019
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41590.332 26.955 28.281
26.387 1.019

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26.388 1.019
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26.409 1.019
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20.346 270.915 37868.191
41562.496 26.935 28.262
26.407 1.019
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20.345 270.945 37880.305
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26.399 1.019
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26.398 1.019
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20.345 271.044 37905.945
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26.381 1.019
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26.401 1.019
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26.407 1.019
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20.346 271.026 37895.418
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26.388 1.019
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26.377 1.019
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26.391 1.019
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26.387 1.019
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26.405 1.019
11/4/2016 2:45:00 PM 146700.000 120.318
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26.382 1.019
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26.389 1.019
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26.382 1.019
11/4/2016 3:30:00 PM 149400.000 120.308
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26.389 1.019
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20.349 270.980 37887.742
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26.394 1.019
11/4/2016 4:00:00 PM 151200.000 120.307
20.350 271.004 37878.453
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26.400 1.019
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26.405 1.019
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26.401 1.019
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26.396 1.019
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26.386 1.019
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26.375 1.019
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26.380 1.019
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26.399 1.019
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26.384 1.019
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26.395 1.019
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26.393 1.019
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26.386 1.019
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26.387 1.019
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26.397 1.019
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26.402 1.019
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26.397 1.019
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26.390 1.019
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26.387 1.019
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26.380 1.019
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26.391 1.019
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26.397 1.019

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26.385 1.019
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26.384 1.019
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26.392 1.019
11/5/2016 6:15:00 AM 202500.000 120.165
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26.392 1.019
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26.392 1.019
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26.384 1.019
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26.384 1.019
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26.384 1.019
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26.388 1.019
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26.394 1.019
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26.393 1.019
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26.403 1.019

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26.397 1.019
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26.395 1.019
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41562.195 26.935 28.262
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26.403 1.019
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26.394 1.019
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26.396 1.019
11/6/2016 5:00:00 AM 288000.000 120.205
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26.404 1.019

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26.417 1.019
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26.386 1.019
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26.408 1.019
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26.403 1.019
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26.383 1.019

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26.401 1.019
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26.391 1.019
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26.391 1.019
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26.391 1.019
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26.392 1.019
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26.410 1.019
11/9/2016 9:45:00 AM 564300.000 120.154
20.347 270.660 37888.574
41584.031 26.950 28.277
26.393 1.019
11/9/2016 10:00:00 AM 565200.000 120.145
20.349 270.639 37889.363
41583.371 26.950 28.277
26.393 1.019
11/9/2016 10:15:00 AM 566100.000 120.157
20.349 270.665 37858.922
41550.262 26.926 28.254
26.414 1.019
11/9/2016 10:30:00 AM 567000.000 120.109
20.351 270.558 37866.707
41557.207 26.931 28.259
26.408 1.019
11/9/2016 10:45:00 AM 567900.000 120.113
20.350 270.566 37860.305
41550.566 26.926 28.254
26.413 1.019
11/9/2016 11:00:00 AM 568800.000 120.084
20.353 270.502 37874.684
41564.051 26.936 28.264
26.403 1.019
11/9/2016 11:15:00 AM 569700.000 120.083
20.349 270.499 37893.852
41588.219 26.953 28.280
26.390 1.019
11/9/2016 11:30:00 AM 570600.000 120.075
20.347 270.482 37859.977

41552.555 26.928 28.256
26.413 1.019
11/9/2016 11:45:00 AM 571500.000 120.072
20.349 270.474 37874.254
41566.484 26.938 28.265
26.403 1.019
11/9/2016 12:00:00 PM 572400.000 120.061
20.351 270.448 37839.164
41526.832 26.909 28.238
26.428 1.019
11/9/2016 12:15:00 PM 573300.000 120.046
20.355 270.416 37889.520
41578.055 26.946 28.273
26.393 1.019
11/9/2016 12:30:00 PM 574200.000 120.044
20.353 270.411 37855.445
41542.938 26.921 28.249
26.416 1.019
11/9/2016 12:45:00 PM 575100.000 120.038
20.351 270.396 37881.254
41572.945 26.943 28.270
26.398 1.019
11/9/2016 1:00:00 PM 576000.000 120.032
20.349 270.383 37851.039
41540.926 26.919 28.248
26.419 1.019
11/9/2016 1:15:00 PM 576900.000 120.024
20.350 270.366 37853.547
41543.609 26.921 28.250
26.418 1.019
11/9/2016 1:30:00 PM 577800.000 120.034
20.349 270.388 37889.148
41583.211 26.950 28.277
26.393 1.019
11/9/2016 1:45:00 PM 578700.000 120.024
20.349 270.366 37887.004
41580.703 26.948 28.275
26.394 1.019
11/9/2016 2:00:00 PM 579600.000 120.045
20.345 270.414 37872.254
41567.945 26.939 28.266
26.405 1.019
11/9/2016 2:15:00 PM 580500.000 120.024
20.342 270.366 37859.582
41556.863 26.931 28.259
26.413 1.019
11/9/2016 2:30:00 PM 581400.000 120.036
20.344 270.393 37867.496
41564.098 26.936 28.264
26.408 1.019
11/9/2016 2:45:00 PM 582300.000 120.045
20.343 270.414 37884.996
41583.613 26.950 28.277
26.396 1.019
11/9/2016 3:00:00 PM 583200.000 120.052
20.346 270.428 37866.434
41560.867 26.934 28.261

26.409 1.019
11/9/2016 3:15:00 PM 584100.000 120.059
20.347 270.444 37852.992
41545.203 26.922 28.251
26.418 1.019
11/9/2016 3:30:00 PM 585000.000 120.077
20.348 270.486 37875.250
41568.641 26.939 28.267
26.402 1.019
11/9/2016 3:45:00 PM 585900.000 120.080
20.350 270.492 37889.641
41583.219 26.950 28.277
26.392 1.019
11/9/2016 4:00:00 PM 586800.000 120.092
20.354 270.518 37880.512
41569.457 26.940 28.267
26.399 1.019
11/9/2016 4:15:00 PM 587700.000 120.110
20.350 270.560 37890.051
41583.211 26.950 28.277
26.392 1.019
11/9/2016 4:30:00 PM 588600.000 120.119
20.349 270.581 37837.359
41526.219 26.909 28.238
26.429 1.019
11/9/2016 4:45:00 PM 589500.000 120.123
20.352 270.588 37880.988
41571.742 26.942 28.269
26.398 1.019
11/9/2016 5:00:00 PM 590400.000 120.128
20.349 270.601 37914.109
41610.453 26.969 28.295
26.375 1.019
11/9/2016 5:15:00 PM 591300.000 120.140
20.348 270.627 37888.125
41583.305 26.950 28.277
26.393 1.019
11/9/2016 5:30:00 PM 592200.000 120.144
20.348 270.637 37897.867
41593.539 26.957 28.284
26.387 1.019
11/9/2016 5:45:00 PM 593100.000 120.176
20.351 270.708 37878.285
41569.688 26.940 28.267
26.400 1.019
11/9/2016 6:00:00 PM 594000.000 120.160
20.351 270.673 37867.250
41557.344 26.931 28.259
26.408 1.019
11/9/2016 6:15:00 PM 594900.000 120.166
20.352 270.685 37852.098
41539.797 26.919 28.247
26.419 1.019
11/9/2016 6:30:00 PM 595800.000 120.171
20.352 270.696 37890.750
41582.527 26.949 28.276
26.392 1.019

11/9/2016 6:45:00 PM 596700.000 120.162
20.349 270.676 37861.883
41553.133 26.928 28.256
26.412 1.019
11/9/2016 7:00:00 PM 597600.000 120.178
20.346 270.712 37881.121
41577.070 26.945 28.272
26.398 1.019
11/9/2016 7:15:00 PM 598500.000 120.166
20.345 270.685 37857.820
41552.488 26.928 28.256
26.415 1.019
11/9/2016 7:30:00 PM 599400.000 120.152
20.351 270.655 37870.625
41561.359 26.934 28.262
26.406 1.019
11/9/2016 7:45:00 PM 600300.000 120.159
20.345 270.669 37862.203
41557.445 26.931 28.259
26.412 1.019
11/9/2016 8:00:00 PM 601200.000 120.141
20.345 270.630 37882.852
41579.723 26.947 28.274
26.397 1.019
11/9/2016 8:15:00 PM 602100.000 120.140
20.346 270.627 37888.125
41584.602 26.951 28.278
26.393 1.019
11/9/2016 8:30:00 PM 603000.000 120.134
20.348 270.614 37881.852
41576.418 26.945 28.272
26.398 1.019
11/9/2016 8:45:00 PM 603900.000 120.115
20.351 270.571 37863.211
41553.070 26.928 28.256
26.411 1.019
11/9/2016 9:00:00 PM 604800.000 120.101
20.355 270.539 37885.082
41573.184 26.943 28.270
26.396 1.019
11/9/2016 9:15:00 PM 605700.000 120.073
20.356 270.477 37885.957
41573.832 26.943 28.270
26.395 1.019
11/9/2016 9:30:00 PM 606600.000 120.075
20.357 270.481 37887.977
41575.289 26.944 28.271
26.394 1.019
11/9/2016 9:45:00 PM 607500.000 120.045
20.350 270.414 37899.340
41593.559 26.957 28.284
26.386 1.019
11/9/2016 10:00:00 PM 608400.000 120.028
20.350 270.375 37890.961
41584.137 26.951 28.277
26.392 1.019
11/9/2016 10:15:00 PM 609300.000 120.008

20.354 270.329 37886.316
41575.289 26.944 28.271
26.395 1.019
11/9/2016 10:30:00 PM 610200.000 119.989
20.355 270.286 37875.145
41562.957 26.935 28.263
26.403 1.019
11/9/2016 10:45:00 PM 611100.000 119.971
20.351 270.247 37896.813
41590.246 26.955 28.281
26.387 1.019
11/9/2016 11:00:00 PM 612000.000 119.959
20.351 270.220 37873.863
41564.984 26.937 28.264
26.403 1.019
11/9/2016 11:15:00 PM 612900.000 119.930
20.353 270.154 37874.617
41563.977 26.936 28.264
26.403 1.019
11/9/2016 11:30:00 PM 613800.000 119.915
20.352 270.121 37872.051
41561.855 26.935 28.262
26.405 1.019
11/9/2016 11:45:00 PM 614700.000 119.896
20.351 270.078 37880.016
41571.586 26.942 28.269
26.399 1.019

Report Date: 11/14/2016 8:30:35 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4M LT Test_2016-11-11_09-27-42-145-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 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
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 2453
Sensors: 2
1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SN#: 428901 Corrected Pressure (PSI)	Sensor: PCTD(A) 197.3ft SN#: 428901 Temperature (C)	Sensor: PCTD(A) 197.3ft SN#: 428901 Depth (ft)	Sensor: PCTD(A) 197.3ft SN#: 428901 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 428901 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 428901 Salinity (PSU)	Sensor: PCTD(A) 197.3ft SN#: 428901 Total Dissolved Solids (ppm)	Sensor: PCTD(A) 197.3ft SN#: 428901 Resistivity (ohm-cm)	Sensor: PCTD(A) 197.3ft SN#: 428901 Water Density (g/cm3)	Sensor: Baro-Adj Calc SN#: 000000 Barometric Pressure (PSI)
11/3/2016 12:00:00 AM	7200.000	72.717	17.994	165.744	28980.793	33458.262	21.124	22751.619	34.506	1.015	14.798
11/3/2016 12:05:00 AM	7500.000	72.717	17.993	165.744	28993.387	33473.125	21.134	22761.727	34.491	1.015	14.797
11/3/2016 12:10:00 AM	7800.000	72.711	17.993	165.731	28987.041	33465.742	21.129	22756.707	34.498	1.015	14.796
11/3/2016 12:15:00 AM	8100.000	72.715	17.994	165.739	28982.205	33459.766	21.125	22752.643	34.504	1.015	14.795
11/3/2016 12:20:00 AM	8400.000	72.705	17.994	165.718	28974.430	33450.918	21.119	22746.625	34.513	1.015	14.794
11/3/2016 12:25:00 AM	8700.000	72.720	17.994	165.751	28990.139	33468.996	21.131	22758.918	34.494	1.015	14.793
11/3/2016 12:30:00 AM	9000.000	72.729	17.993	165.772	28992.100	33471.637	21.133	22760.713	34.492	1.015	14.792
11/3/2016 12:35:00 AM	9300.000	72.721	17.993	165.753	28973.477	33450.008	21.118	22746.006	34.514	1.015	14.793
11/3/2016 12:40:00 AM	9600.000	72.729	17.994	165.772	28981.441	33458.883	21.124	22752.043	34.505	1.015	14.795
11/3/2016 12:45:00 AM	9900.000	72.726	17.993	165.766	29000.063	33480.832	21.139	22766.969	34.483	1.015	14.796
11/3/2016 12:50:00 AM	10200.000	72.734	17.993	165.782	28981.023	33458.719	21.124	22751.930	34.505	1.015	14.794
11/3/2016 12:55:00 AM	10500.000	72.732	17.994	165.780	28970.453	33446.270	21.115	22743.463	34.518	1.015	14.793
11/3/2016 1:00:00 AM	10800.000	72.721	17.994	165.754	28981.621	33459.219	21.124	22752.270	34.505	1.015	14.791
11/3/2016 1:05:00 AM	11100.000	72.738	17.993	165.793	28985.822	33464.336	21.128	22755.748	34.500	1.015	14.793
11/3/2016 1:10:00 AM	11400.000	72.741	17.993	165.799	28980.699	33458.348	21.124	22751.676	34.506	1.015	14.795
11/3/2016 1:15:00 AM	11700.000	72.735	17.994	165.784	28981.902	33459.488	21.125	22752.455	34.504	1.015	14.798
11/3/2016 1:20:00 AM	12000.000	72.741	17.993	165.799	28976.080	33452.891	21.120	22747.969	34.511	1.015	14.797
11/3/2016 1:25:00 AM	12300.000	72.745	17.993	165.807	28990.961	33470.195	21.132	22759.732	34.494	1.015	14.795
11/3/2016 1:30:00 AM	12600.000	72.744	17.993	165.805	28980.576	33458.203	21.124	22751.580	34.506	1.015	14.794
11/3/2016 1:35:00 AM	12900.000	72.745	17.993	165.809	28992.762	33472.211	21.133	22761.105	34.491	1.015	14.795
11/3/2016 1:40:00 AM	13200.000	72.750	17.993	165.820	28975.654	33452.523	21.120	22747.719	34.512	1.015	14.795
11/3/2016 1:45:00 AM	13500.000	72.750	17.993	165.820	28985.527	33463.797	21.128	22755.385			

34.500	1.015	14.796						
11/3/2016 1:50:00 AM	13800.000	72.751	17.993	165.823	28983.299	33461.285	21.126	22753.676
34.503	1.015	14.797						
11/3/2016 1:55:00 AM	14100.000	72.748	17.994	165.816	28977.564	33454.535	21.121	22749.084
34.509	1.015	14.798						
11/3/2016 2:00:00 AM	14400.000	72.754	17.993	165.829	28993.391	33472.875	21.134	22761.557
34.491	1.015	14.799						
11/3/2016 2:05:00 AM	14700.000	72.757	17.993	165.835	28985.268	33463.559	21.127	22755.223
34.500	1.015	14.800						
11/3/2016 2:10:00 AM	15000.000	72.736	17.993	165.788	28992.018	33471.289	21.133	22760.477
34.492	1.015	14.801						
11/3/2016 2:15:00 AM	15300.000	72.754	17.994	165.829	28985.779	33463.961	21.128	22755.494
34.500	1.015	14.802						
11/3/2016 2:20:00 AM	15600.000	72.733	17.993	165.782	28984.629	33462.883	21.127	22754.762
34.501	1.015	14.804						
11/3/2016 2:25:00 AM	15900.000	72.735	17.993	165.786	28996.885	33477.426	21.137	22764.652
34.486	1.015	14.805						
11/3/2016 2:30:00 AM	16200.000	72.757	17.994	165.836	28984.123	33462.051	21.126	22754.195
34.502	1.015	14.807						
11/3/2016 2:35:00 AM	16500.000	72.756	17.994	165.833	28982.650	33460.352	21.125	22753.041
34.503	1.015	14.805						
11/3/2016 2:40:00 AM	16800.000	72.763	17.994	165.848	28982.945	33460.750	21.125	22753.311
34.503	1.015	14.803						
11/3/2016 2:45:00 AM	17100.000	72.764	17.993	165.851	28994.875	33474.906	21.135	22762.938
34.489	1.015	14.802						
11/3/2016 2:50:00 AM	17400.000	72.766	17.993	165.857	28999.557	33480.313	21.139	22766.615
34.483	1.015	14.800						
11/3/2016 2:55:00 AM	17700.000	72.773	17.993	165.872	28991.660	33471.395	21.133	22760.549
34.493	1.015	14.799						
11/3/2016 3:00:00 AM	18000.000	72.768	17.994	165.860	28974.525	33450.969	21.119	22746.660
34.513	1.015	14.798						
11/3/2016 3:05:00 AM	18300.000	72.770	17.993	165.865	28997.375	33477.863	21.137	22764.947
34.486	1.015	14.799						
11/3/2016 3:10:00 AM	18600.000	72.769	17.993	165.863	28992.572	33472.375	21.134	22761.215
34.492	1.015	14.801						
11/3/2016 3:15:00 AM	18900.000	72.767	17.993	165.858	28975.723	33452.797	21.120	22747.904
34.512	1.015	14.802						
11/3/2016 3:20:00 AM	19200.000	72.773	17.994	165.873	28959.699	33433.910	21.107	22735.061
34.531	1.015	14.802						
11/3/2016 3:25:00 AM	19500.000	72.770	17.993	165.864	28980.313	33457.777	21.123	22751.289
34.506	1.015	14.803						
11/3/2016 3:30:00 AM	19800.000	72.764	17.993	165.851	28982.070	33459.867	21.125	22752.711
34.504	1.015	14.803						
11/3/2016 3:35:00 AM	20100.000	72.771	17.994	165.868	28964.617	33439.590	21.111	22738.922
34.525	1.015	14.802						
11/3/2016 3:40:00 AM	20400.000	72.753	17.993	165.827	28975.459	33452.426	21.120	22747.652
34.512	1.015	14.801						
11/3/2016 3:45:00 AM	20700.000	72.773	17.994	165.873	28985.025	33463.148	21.127	22754.941
34.501	1.015	14.800						
11/3/2016 3:50:00 AM	21000.000	72.775	17.993	165.876	28993.443	33472.996	21.134	22761.639
34.491	1.015	14.800						
11/3/2016 3:55:00 AM	21300.000	72.776	17.993	165.880	28980.664	33458.180	21.124	22751.564
34.506	1.015	14.800						
11/3/2016 4:00:00 AM	21600.000	72.777	17.993	165.881	28980.482	33458.168	21.124	22751.557
34.506	1.015	14.799						
11/3/2016 4:05:00 AM	21900.000	72.756	17.993	165.833	28988.301	33467.059	21.130	22757.602
34.497	1.015	14.799						
11/3/2016 4:10:00 AM	22200.000	72.780	17.993	165.889	28974.225	33450.746	21.119	22746.510
34.513	1.015	14.798						
11/3/2016 4:15:00 AM	22500.000	72.785	17.993	165.899	28983.340	33461.469	21.126	22753.799
34.503	1.015	14.797						
11/3/2016 4:20:00 AM	22800.000	72.785	17.993	165.900	28984.373	33462.715	21.127	22754.648
34.501	1.015	14.797						
11/3/2016 4:25:00 AM	23100.000	72.781	17.993	165.891	28982.998	33460.938	21.126	22753.439
34.503	1.015	14.796						
11/3/2016 4:30:00 AM	23400.000	72.787	17.994	165.903	28975.490	33452.012	21.119	22747.369
34.512	1.015	14.795						
11/3/2016 4:35:00 AM	23700.000	72.777	17.993	165.880	28994.539	33474.453	21.135	22762.631
34.489	1.015	14.797						
11/3/2016 4:40:00 AM	24000.000	72.779	17.993	165.887	28981.449	33459.477	21.125	22752.445
34.505	1.015	14.799						
11/3/2016 4:45:00 AM	24300.000	72.781	17.993	165.890	28978.594	33455.914	21.122	22750.023
34.508	1.015	14.801						
11/3/2016 4:50:00 AM	24600.000	72.763	17.993	165.849	28991.971	33471.625	21.133	22760.705
34.492	1.015	14.800						
11/3/2016 4:55:00 AM	24900.000	72.764	17.994	165.852	28983.125	33460.957	21.126	22753.453
34.503	1.015	14.799						
11/3/2016 5:00:00 AM	25200.000	72.784	17.993	165.897	28982.477	33460.336	21.125	22753.031
34.504	1.015	14.797						
11/3/2016 5:05:00 AM	25500.000	72.761	17.993	165.845	28993.668	33473.770	21.134	22762.166
34.490	1.015	14.799						
11/3/2016 5:10:00 AM	25800.000	72.781	17.994	165.891	28989.611	33468.445	21.131	22758.545
34.495	1.015	14.800						
11/3/2016 5:15:00 AM	26100.000	72.778	17.993	165.883	28977.861	33455.199	21.122	22749.537
34.509	1.015	14.802						
11/3/2016 5:20:00 AM	26400.000	72.781	17.993	165.891	28985.305	33463.664	21.127	22755.293
34.500	1.015	14.801						
11/3/2016 5:25:00 AM	26700.000	72.763	17.993	165.849	28987.500	33466.395	21.129	22757.148
34.498	1.015	14.800						
11/3/2016 5:30:00 AM	27000.000	72.780	17.993	165.888	28981.875	33459.578	21.125	22752.514
34.504	1.015	14.799						
11/3/2016 5:35:00 AM	27300.000	72.786	17.993	165.902	28976.451	33453.316	21.120	22748.256
34.511	1.015	14.797						
11/3/2016 5:40:00 AM	27600.000	72.784	17.993	165.897	28979.211	33456.629	21.123	22750.510
34.507	1.015	14.796						
11/3/2016 5:45:00 AM	27900.000	72.791	17.993	165.914	28974.717	33451.441	21.119	22746.980
34.513	1.015	14.794						
11/3/2016 5:50:00 AM	28200.000	72.768	17.993	165.860	28988.674	33467.492	21.130	22757.896
34.496	1.015	14.798						
11/3/2016 5:55:00 AM	28500.000	72.782	17.993	165.892	28974.766	33451.762	21.119	22747.197
34.513	1.015	14.802						
11/3/2016 6:00:00 AM	28800.000	72.779	17.993	165.887	28979.027	33456.418	21.122	22750.367
34.508	1.015	14.806						
11/3/2016 6:05:00 AM	29100.000	72.776	17.994	165.880	28978.438	33455.160	21.122	22749.512
34.508	1.015	14.805						
11/3/2016 6:10:00 AM	29400.000	72.781	17.993	165.890	28974.816	33451.684	21.119	22747.145
34.513	1.015	14.804						
11/3/2016 6:15:00 AM	29700.000	72.784	17.994	165.897	28977.873	33454.762	21.121	22749.238
34.509	1.015	14.803						
11/3/2016 6:20:00 AM	30000.000	72.789	17.994	165.909	28975.977	33452.645	21.120	22747.801
34.511	1.015	14.802						
11/3/2016 6:25:00 AM	30300.000	72.787	17.994	165.904	28988.918	33467.516	21.130	22757.912
34.496	1.015	14.800						
11/3/2016 6:30:00 AM	30600.000	72.786	17.993	165.902	28988.869	33467.906	21.130	22758.178
34.496	1.015	14.799						
11/3/2016 6:35:00 AM	30900.000	72.781	17.993	165.891	28980.820	33458.426	21.124	22751.732
34.506	1.015	14.801						
11/3/2016 6:40:00 AM	31200.000	72.777	17.993	165.881	28990.824	33470.035	21.132	22759.627
34.494	1.015	14.802						
11/3/2016 6:45:00 AM	31500.000	72.779	17.993	165.887	28969.496	33445.609	21.115	22743.016
34.519	1.015	14.804						
11/3/2016 6:50:00 AM	31800.000	72.779	17.993	165.887	28980.828	33458.570	21.124	22751.830
34.506	1.015	14.802						
11/3/2016 6:55:00 AM	32100.000	72.775	17.993	165.878	28965.223	33440.797	21.112	22739.744
34.524	1.015	14.799						
11/3/2016 7:00:00 AM	32400.000	72.785	17.993	165.900	28975.705	33452.457	21.120	22747.674
34.512	1.015	14.797						
11/3/2016 7:05:00 AM	32700.000	72.784	17.994	165.896	28987.254	33465.398	21.129	22756.471
34.498	1.015	14.795						
11/3/2016 7:10:00 AM	33000.000	72.784	17.993	165.898	29000.791	33481.543	21.140	22767.451
34.482	1.015	14.794						
11/3/2016 7:15:00 AM	33300.000	72.790	17.993	165.910	28987.861	33466.813	21.130	22757.436
34.497	1.015	14.792						

11/3/2016 7:20:00 AM	33600.000	72.789	17.993	165.908	28986.951	33465.441	21.129	22756.500
34.498	1.015	14.795						
11/3/2016 7:25:00 AM	33900.000	72.785	17.993	165.899	28990.670	33469.988	21.132	22759.592
34.494	1.015	14.797						
11/3/2016 7:30:00 AM	34200.000	72.785	17.993	165.900	28984.561	33462.934	21.127	22754.795
34.501	1.015	14.799						
11/3/2016 7:35:00 AM	34500.000	72.783	17.994	165.896	28979.725	33457.031	21.123	22750.781
34.507	1.015	14.800						
11/3/2016 7:40:00 AM	34800.000	72.787	17.993	165.905	28992.410	33471.996	21.133	22760.957
34.492	1.015	14.800						
11/3/2016 7:45:00 AM	35100.000	72.788	17.993	165.906	28978.846	33456.281	21.122	22750.273
34.508	1.015	14.800						
11/3/2016 7:50:00 AM	35400.000	72.769	17.993	165.863	28994.180	33473.785	21.135	22762.174
34.490	1.015	14.799						
11/3/2016 7:55:00 AM	35700.000	72.788	17.993	165.905	28970.375	33446.363	21.115	22743.529
34.518	1.015	14.798						
11/3/2016 8:00:00 AM	36000.000	72.791	17.993	165.914	28981.889	33459.793	21.125	22752.660
34.504	1.015	14.796						
11/3/2016 8:05:00 AM	36300.000	72.786	17.993	165.903	28986.936	33465.813	21.129	22756.754
34.498	1.015	14.799						
11/3/2016 8:10:00 AM	36600.000	72.787	17.993	165.904	28985.561	33463.957	21.128	22755.492
34.500	1.015	14.801						
11/3/2016 8:15:00 AM	36900.000	72.790	17.993	165.912	28990.021	33469.305	21.131	22759.129
34.495	1.015	14.804						
11/3/2016 8:20:00 AM	37200.000	72.769	17.993	165.862	28981.006	33458.699	21.124	22751.916
34.505	1.015	14.805						
11/3/2016 8:25:00 AM	37500.000	72.788	17.993	165.907	28990.912	33470.137	21.132	22759.695
34.494	1.015	14.806						
11/3/2016 8:30:00 AM	37800.000	72.787	17.994	165.905	28984.531	33462.387	21.127	22754.426
34.501	1.015	14.807						
11/3/2016 8:35:00 AM	38100.000	72.766	17.994	165.856	28988.529	33467.004	21.130	22757.563
34.496	1.015	14.806						
11/3/2016 8:40:00 AM	38400.000	72.789	17.993	165.908	28997.926	33478.234	21.138	22765.199
34.485	1.015	14.805						
11/3/2016 8:45:00 AM	38700.000	72.792	17.994	165.916	28990.930	33469.836	21.132	22759.488
34.494	1.015	14.804						
11/3/2016 8:50:00 AM	39000.000	72.771	17.993	165.868	28971.709	33447.844	21.116	22744.533
34.516	1.015	14.805						
11/3/2016 8:55:00 AM	39300.000	72.795	17.993	165.922	28975.189	33451.859	21.119	22747.266
34.512	1.015	14.805						
11/3/2016 9:00:00 AM	39600.000	72.777	17.993	165.882	28988.813	33467.785	21.130	22758.096
34.496	1.015	14.806						
11/3/2016 9:05:00 AM	39900.000	72.798	17.993	165.929	28971.838	33448.191	21.117	22744.770
34.516	1.015	14.807						
11/3/2016 9:10:00 AM	40200.000	72.799	17.993	165.931	28987.844	33466.859	21.130	22757.465
34.497	1.015	14.809						
11/3/2016 9:15:00 AM	40500.000	72.794	17.994	165.921	28982.439	33460.164	21.125	22752.912
34.504	1.015	14.810						
11/3/2016 9:20:00 AM	40800.000	72.795	17.994	165.922	29002.076	33482.777	21.141	22768.289
34.480	1.015	14.810						
11/3/2016 9:25:00 AM	41100.000	72.793	17.993	165.919	28981.355	33459.043	21.124	22752.152
34.505	1.015	14.809						
11/3/2016 9:30:00 AM	41400.000	72.799	17.993	165.931	28991.590	33470.992	21.133	22760.277
34.493	1.015	14.809						
11/3/2016 9:35:00 AM	41700.000	72.796	17.993	165.925	28979.432	33456.758	21.123	22750.598
34.507	1.015	14.808						
11/3/2016 9:40:00 AM	42000.000	72.806	17.994	165.946	28989.443	33468.250	21.131	22758.412
34.495	1.015	14.807						
11/3/2016 9:45:00 AM	42300.000	72.804	17.993	165.943	28994.877	33474.715	21.135	22762.809
34.489	1.015	14.807						
11/3/2016 9:50:00 AM	42600.000	72.807	17.993	165.950	28980.602	33458.172	21.124	22751.559
34.506	1.015	14.806						
11/3/2016 9:55:00 AM	42900.000	72.806	17.993	165.947	28976.482	33453.551	21.120	22748.414
34.511	1.015	14.805						
11/3/2016 10:00:00 AM	43200.000	72.811	17.993	165.959	28987.648	33466.309	21.129	22757.092
34.497	1.015	14.804						
11/3/2016 10:05:00 AM	43500.000	72.811	17.993	165.958	28977.881	33454.969	21.121	22749.381
34.509	1.015	14.802						
11/3/2016 10:10:00 AM	43800.000	72.816	17.993	165.971	28992.521	33471.871	21.133	22760.873
34.492	1.015	14.801						
11/3/2016 10:15:00 AM	44100.000	72.816	17.993	165.971	28993.607	33473.445	21.134	22761.943
34.490	1.015	14.799						
11/3/2016 10:20:00 AM	44400.000	72.814	17.994	165.965	28976.924	33453.738	21.121	22748.545
34.510	1.015	14.800						
11/3/2016 10:25:00 AM	44700.000	72.816	17.993	165.970	28983.215	33461.324	21.126	22753.703
34.503	1.015	14.802						
11/3/2016 10:30:00 AM	45000.000	72.814	17.994	165.966	28971.967	33448.074	21.117	22744.691
34.516	1.015	14.803						
11/3/2016 10:35:00 AM	45300.000	72.798	17.993	165.929	28984.375	33462.527	21.127	22754.520
34.501	1.015	14.802						
11/3/2016 10:40:00 AM	45600.000	72.802	17.994	165.939	28991.420	33470.477	21.132	22759.926
34.493	1.015	14.801						
11/3/2016 10:45:00 AM	45900.000	72.806	17.994	165.946	28990.809	33469.770	21.132	22759.445
34.494	1.015	14.800						
11/3/2016 10:50:00 AM	46200.000	72.825	17.993	165.992	28996.779	33476.910	21.137	22764.299
34.487	1.015	14.799						
11/3/2016 10:55:00 AM	46500.000	72.828	17.994	165.997	29004.266	33485.305	21.143	22770.008
34.478	1.015	14.798						
11/3/2016 11:00:00 AM	46800.000	72.834	17.993	166.011	28975.648	33452.453	21.120	22747.670
34.512	1.015	14.798						
11/3/2016 11:05:00 AM	47100.000	72.835	17.993	166.012	28981.480	33459.250	21.124	22752.293
34.505	1.015	14.798						
11/3/2016 11:10:00 AM	47400.000	72.836	17.993	166.015	28979.322	33457.020	21.123	22750.773
34.507	1.015	14.799						
11/3/2016 11:15:00 AM	47700.000	72.831	17.994	166.004	28981.518	33459.043	21.124	22752.152
34.505	1.015	14.799						
11/3/2016 11:20:00 AM	48000.000	72.833	17.993	166.008	28982.865	33460.848	21.126	22753.377
34.503	1.015	14.799						
11/3/2016 11:25:00 AM	48300.000	72.840	17.993	166.025	28989.867	33469.004	21.131	22758.924
34.495	1.015	14.799						
11/3/2016 11:30:00 AM	48600.000	72.813	17.993	165.963	28984.131	33462.184	21.126	22754.285
34.502	1.015	14.798						
11/3/2016 11:35:00 AM	48900.000	72.839	17.993	166.022	28990.686	33469.750	21.132	22759.430
34.494	1.015	14.795						
11/3/2016 11:40:00 AM	49200.000	72.843	17.993	166.032	28981.260	33458.867	21.124	22752.031
34.505	1.015	14.792						
11/3/2016 11:45:00 AM	49500.000	72.847	17.993	166.042	28994.551	33474.535	21.135	22762.684
34.489	1.015	14.789						
11/3/2016 11:50:00 AM	49800.000	72.845	17.993	166.036	28979.379	33457.141	21.123	22750.855
34.507	1.015	14.789						
11/3/2016 11:55:00 AM	50100.000	72.849	17.993	166.046	28976.346	33453.258	21.120	22748.217
34.511	1.015	14.789						
11/3/2016 12:00:00 PM	50400.000	72.849	17.993	166.045	28980.549	33458.172	21.124	22751.559
34.506	1.015	14.790						
11/3/2016 12:05:00 PM	50700.000	72.830	17.994	166.002	28978.961	33456.148	21.122	22750.184
34.508	1.015	14.791						
11/3/2016 12:10:00 PM	51000.000	72.849	17.993	166.046	28986.199	33464.770	21.128	22756.045
34.499	1.015	14.791						
11/3/2016 12:15:00 PM	51300.000	72.847	17.993	166.040	28977.486	33454.574	21.121	22749.113
34.510	1.015	14.792						
11/3/2016 12:20:00 PM	51600.000	72.830	17.993	166.003	28993.203	33472.719	21.134	22761.449
34.491	1.015	14.789						
11/3/2016 12:25:00 PM	51900.000	72.854	17.993	166.058	28975.484	33452.262	21.120	22747.539
34.512	1.015	14.787						
11/3/2016 12:30:00 PM	52200.000	72.835	17.993	166.013	28979.928	33457.652	21.123	22751.203
34.507	1.015	14.784						
11/3/2016 12:35:00 PM	52500.000	72.853	17.993	166.053	28982.643	33460.527	21.125	22753.158
34.503	1.015	14.785						
11/3/2016 12:40:00 PM	52800.000	72.852	17.993	166.052	28980.373	33458.164	21.124	22751.555
34.506	1.015	14.785						
11/3/2016 12:45:00 PM	53100.000	72.836	17.993	166.015	28980.697	33458.539	21.124	22751.809
34.506	1.015	14.786						
11/3/2016 12:50:00 PM	53400.000	72.858	17.993	166.066	28987.029	33465.531	21.129	22756.561

34.498	1.015	14.785						
11/3/2016 12:55:00 PM	53700.000	72.859	17.993	166.068	28987.883	33466.516	21.129	22757.230
34.497	1.015	14.785						
11/3/2016 1:00:00 PM	54000.000	72.860	17.993	166.070	28992.049	33471.387	21.133	22760.543
34.492	1.015	14.784						
11/3/2016 1:05:00 PM	54300.000	72.863	17.994	166.077	28983.627	33461.477	21.126	22753.805
34.502	1.015	14.781						
11/3/2016 1:10:00 PM	54600.000	72.866	17.993	166.084	28993.744	33473.344	21.134	22761.873
34.490	1.015	14.778						
11/3/2016 1:15:00 PM	54900.000	72.867	17.993	166.086	28991.697	33470.918	21.133	22760.225
34.493	1.015	14.775						
11/3/2016 1:20:00 PM	55200.000	72.867	17.993	166.086	28981.615	33459.281	21.124	22752.313
34.505	1.015	14.775						
11/3/2016 1:25:00 PM	55500.000	72.865	17.993	166.083	28979.824	33457.410	21.123	22751.039
34.507	1.015	14.775						
11/3/2016 1:30:00 PM	55800.000	72.863	17.993	166.077	28989.936	33469.137	21.131	22759.014
34.495	1.015	14.775						
11/3/2016 1:35:00 PM	56100.000	72.867	17.993	166.086	28987.225	33465.879	21.129	22756.799
34.498	1.015	14.774						
11/3/2016 1:40:00 PM	56400.000	72.871	17.994	166.095	28976.141	33452.891	21.120	22747.969
34.511	1.015	14.773						
11/3/2016 1:45:00 PM	56700.000	72.863	17.993	166.077	28986.254	33464.832	21.128	22756.086
34.499	1.015	14.772						
11/3/2016 1:50:00 PM	57000.000	72.871	17.993	166.094	28987.041	33465.668	21.129	22756.654
34.498	1.015	14.770						
11/3/2016 1:55:00 PM	57300.000	72.875	17.994	166.104	29001.299	33481.938	21.140	22767.717
34.481	1.015	14.767						
11/3/2016 2:00:00 PM	57600.000	72.870	17.993	166.093	28994.016	33473.598	21.134	22762.049
34.490	1.015	14.764						
11/3/2016 2:05:00 PM	57900.000	72.875	17.993	166.105	29000.352	33481.301	21.140	22767.287
34.482	1.015	14.763						
11/3/2016 2:10:00 PM	58200.000	72.873	17.993	166.099	28995.588	33475.535	21.136	22763.365
34.488	1.015	14.762						
11/3/2016 2:15:00 PM	58500.000	72.874	17.994	166.102	28981.961	33459.555	21.125	22752.498
34.504	1.015	14.761						
11/3/2016 2:20:00 PM	58800.000	72.874	17.994	166.102	28978.393	33455.434	21.122	22749.697
34.508	1.015	14.760						
11/3/2016 2:25:00 PM	59100.000	72.872	17.993	166.098	28985.377	33464.012	21.128	22755.527
34.500	1.015	14.759						
11/3/2016 2:30:00 PM	59400.000	72.875	17.993	166.105	28995.559	33475.438	21.136	22763.299
34.488	1.015	14.759						
11/3/2016 2:35:00 PM	59700.000	72.869	17.994	166.092	28983.797	33461.602	21.126	22753.889
34.502	1.015	14.760						
11/3/2016 2:40:00 PM	60000.000	72.872	17.993	166.098	28990.318	33469.453	21.132	22759.230
34.494	1.015	14.760						
11/3/2016 2:45:00 PM	60300.000	72.866	17.993	166.085	28973.580	33450.199	21.118	22746.135
34.514	1.015	14.761						
11/3/2016 2:50:00 PM	60600.000	72.846	17.993	166.040	28969.037	33444.883	21.114	22742.523
34.520	1.015	14.761						
11/3/2016 2:55:00 PM	60900.000	72.862	17.993	166.075	28989.125	33468.012	21.131	22758.250
34.496	1.015	14.762						
11/3/2016 3:00:00 PM	61200.000	72.862	17.994	166.075	28970.064	33445.879	21.115	22743.199
34.518	1.015	14.762						
11/3/2016 3:05:00 PM	61500.000	72.868	17.993	166.089	28970.412	33446.344	21.115	22743.516
34.518	1.015	14.760						
11/3/2016 3:10:00 PM	61800.000	72.865	17.994	166.082	28984.350	33462.242	21.127	22754.326
34.501	1.015	14.757						
11/3/2016 3:15:00 PM	62100.000	72.866	17.994	166.085	28989.840	33468.578	21.131	22758.635
34.495	1.015	14.755						
11/3/2016 3:20:00 PM	62400.000	72.868	17.993	166.090	28988.184	33466.863	21.130	22757.467
34.497	1.015	14.757						
11/3/2016 3:25:00 PM	62700.000	72.865	17.994	166.081	28969.885	33445.613	21.115	22743.020
34.519	1.015	14.759						
11/3/2016 3:30:00 PM	63000.000	72.860	17.993	166.070	28975.924	33453.027	21.120	22748.061
34.511	1.015	14.760						
11/3/2016 3:35:00 PM	63300.000	72.865	17.993	166.081	29000.049	33480.758	21.139	22766.916
34.483	1.015	14.759						
11/3/2016 3:40:00 PM	63600.000	72.865	17.993	166.081	28980.275	33457.793	21.123	22751.301
34.506	1.015	14.758						
11/3/2016 3:45:00 PM	63900.000	72.858	17.994	166.067	28986.166	33464.465	21.128	22755.836
34.499	1.015	14.756						
11/3/2016 3:50:00 PM	64200.000	72.857	17.993	166.062	28988.418	33467.387	21.130	22757.824
34.497	1.015	14.758						
11/3/2016 3:55:00 PM	64500.000	72.854	17.994	166.057	28971.393	33447.410	21.116	22744.240
34.517	1.015	14.760						
11/3/2016 4:00:00 PM	64800.000	72.841	17.994	166.027	28989.615	33468.449	21.131	22758.547
34.495	1.015	14.762						
11/3/2016 4:05:00 PM	65100.000	72.850	17.994	166.047	28998.104	33478.250	21.138	22765.211
34.485	1.015	14.762						
11/3/2016 4:10:00 PM	65400.000	72.843	17.994	166.032	28983.912	33461.863	21.126	22754.068
34.502	1.015	14.762						
11/3/2016 4:15:00 PM	65700.000	72.851	17.993	166.050	28983.662	33461.703	21.126	22753.959
34.502	1.015	14.762						
11/3/2016 4:20:00 PM	66000.000	72.849	17.994	166.046	28966.959	33442.164	21.113	22740.674
34.522	1.015	14.761						
11/3/2016 4:25:00 PM	66300.000	72.847	17.993	166.040	28982.303	33460.270	21.125	22752.984
34.504	1.015	14.760						
11/3/2016 4:30:00 PM	66600.000	72.847	17.994	166.040	28979.857	33457.055	21.123	22750.797
34.507	1.015	14.759						
11/3/2016 4:35:00 PM	66900.000	72.848	17.993	166.043	28983.201	33461.363	21.126	22753.727
34.503	1.015	14.760						
11/3/2016 4:40:00 PM	67200.000	72.839	17.993	166.023	28980.766	33458.688	21.124	22751.910
34.506	1.015	14.761						
11/3/2016 4:45:00 PM	67500.000	72.835	17.993	166.013	28993.010	33472.559	21.134	22761.342
34.491	1.015	14.762						
11/3/2016 4:50:00 PM	67800.000	72.834	17.993	166.010	29004.895	33486.156	21.143	22770.588
34.477	1.015	14.760						
11/3/2016 4:55:00 PM	68100.000	72.835	17.994	166.014	28998.730	33478.914	21.138	22765.664
34.484	1.015	14.759						
11/3/2016 5:00:00 PM	68400.000	72.831	17.993	166.004	28990.912	33470.137	21.132	22759.695
34.494	1.015	14.758						
11/3/2016 5:05:00 PM	68700.000	72.827	17.994	165.995	28988.693	33467.191	21.130	22757.691
34.496	1.015	14.758						
11/3/2016 5:10:00 PM	69000.000	72.826	17.993	165.993	28987.070	33465.703	21.129	22756.680
34.498	1.015	14.759						
11/3/2016 5:15:00 PM	69300.015	72.826	17.994	165.993	28985.555	33463.438	21.127	22755.141
34.500	1.015	14.759						
11/3/2016 5:20:00 PM	69600.000	72.819	17.995	165.978	29004.633	33484.953	21.142	22769.768
34.477	1.015	14.760						
11/3/2016 5:25:00 PM	69900.000	72.817	17.994	165.972	28993.943	33473.254	21.134	22761.814
34.490	1.015	14.760						
11/3/2016 5:30:00 PM	70200.000	72.818	17.993	165.975	28996.563	33476.535	21.136	22764.045
34.487	1.015	14.761						
11/3/2016 5:35:00 PM	70500.000	72.790	17.994	165.910	28987.609	33466.004	21.129	22756.883
34.497	1.015	14.761						
11/3/2016 5:40:00 PM	70800.000	72.808	17.993	165.953	28974.832	33451.574	21.119	22747.072
34.513	1.015	14.761						
11/3/2016 5:45:00 PM	71100.000	72.808	17.994	165.952	28998.256	33478.367	21.138	22765.289
34.485	1.015	14.761						
11/3/2016 5:50:00 PM	71400.000	72.805	17.993	165.945	29002.811	33483.813	21.141	22768.994
34.479	1.015	14.760						
11/3/2016 5:55:00 PM	71700.000	72.801	17.994	165.935	29016.404	33498.992	21.152	22779.316
34.463	1.015	14.759						
11/3/2016 6:00:00 PM	72000.000	72.779	17.994	165.886	29004.814	33485.867	21.143	22770.391
34.477	1.015	14.758						
11/3/2016 6:05:00 PM	72300.000	72.799	17.994	165.932	29008.211	33489.918	21.146	22773.146
34.473	1.015	14.758						
11/3/2016 6:10:00 PM	72600.000	72.799	17.994	165.932	28987.211	33465.543	21.129	22756.570
34.498	1.015	14.757						
11/3/2016 6:15:00 PM	72900.000	72.795	17.993	165.922	28997.496	33477.676	21.137	22764.822
34.486	1.015	14.756						
11/3/2016 6:20:00 PM	73200.000	72.794	17.993	165.921	28992.193	33471.746	21.133	22760.787
34.492	1.015	14.757						

11/3/2016 6:25:00 PM	73500.000	72.793	17.994	165.918	29016.055	33498.914	21.152	22779.262
34.464	1.015	14.758						
11/3/2016 6:30:00 PM	73800.000	72.784	17.993	165.898	28990.070	33469.164	21.131	22759.033
34.495	1.015	14.760						
11/3/2016 6:35:00 PM	74100.000	72.782	17.993	165.893	29003.502	33484.672	21.142	22769.576
34.479	1.015	14.759						
11/3/2016 6:40:00 PM	74400.000	72.762	17.993	165.847	28981.123	33458.773	21.124	22751.969
34.505	1.015	14.758						
11/3/2016 6:45:00 PM	74700.000	72.778	17.994	165.883	28982.189	33459.555	21.125	22752.498
34.504	1.015	14.757						
11/3/2016 6:50:00 PM	75000.000	72.761	17.993	165.844	28992.352	33471.996	21.133	22760.957
34.492	1.015	14.759						
11/3/2016 6:55:00 PM	75300.000	72.780	17.993	165.887	28986.291	33464.801	21.128	22756.064
34.499	1.015	14.760						
11/3/2016 7:00:00 PM	75600.000	72.777	17.994	165.881	28975.287	33451.715	21.119	22747.168
34.512	1.015	14.761						
11/3/2016 7:05:00 PM	75900.000	72.771	17.994	165.868	28990.912	33469.754	21.132	22759.434
34.494	1.015	14.761						
11/3/2016 7:10:00 PM	76200.000	72.768	17.993	165.861	28997.463	33477.637	21.137	22764.793
34.486	1.015	14.761						
11/3/2016 7:15:00 PM	76500.000	72.762	17.994	165.848	28995.322	33474.910	21.135	22762.941
34.488	1.015	14.761						
11/3/2016 7:20:00 PM	76800.000	72.766	17.993	165.856	28973.141	33449.496	21.118	22745.658
34.515	1.015	14.760						
11/3/2016 7:25:00 PM	77100.000	72.758	17.993	165.838	28998.842	33479.488	21.138	22766.055
34.484	1.015	14.760						
11/3/2016 7:30:00 PM	77400.000	72.758	17.994	165.838	28988.859	33467.316	21.130	22757.775
34.496	1.015	14.759						
11/3/2016 7:35:00 PM	77700.000	72.755	17.993	165.831	28999.732	33480.449	21.139	22766.707
34.483	1.015	14.761						
11/3/2016 7:40:00 PM	78000.000	72.752	17.994	165.825	28983.252	33461.102	21.126	22753.549
34.503	1.015	14.762						
11/3/2016 7:45:00 PM	78300.000	72.733	17.994	165.780	29006.941	33488.324	21.145	22772.063
34.475	1.015	14.764						
11/3/2016 7:50:00 PM	78600.000	72.746	17.993	165.811	28993.029	33472.582	21.134	22761.355
34.491	1.015	14.764						
11/3/2016 7:55:00 PM	78900.000	72.750	17.994	165.819	28999.129	33479.242	21.138	22765.887
34.484	1.015	14.764						
11/3/2016 8:00:00 PM	79200.000	72.743	17.993	165.803	28988.887	33468.191	21.131	22758.371
34.496	1.015	14.764						
11/3/2016 8:05:00 PM	79500.000	72.743	17.993	165.803	28995.107	33474.855	21.135	22762.902
34.489	1.015	14.762						
11/3/2016 8:10:00 PM	79800.000	72.745	17.994	165.809	28994.219	33473.707	21.134	22762.123
34.490	1.015	14.759						
11/3/2016 8:15:00 PM	80100.000	72.744	17.994	165.806	29000.197	33480.535	21.139	22766.766
34.483	1.015	14.757						
11/3/2016 8:20:00 PM	80400.000	72.740	17.994	165.797	29007.355	33488.738	21.145	22772.342
34.474	1.015	14.760						
11/3/2016 8:25:00 PM	80700.000	72.729	17.994	165.772	28980.992	33458.363	21.124	22751.688
34.505	1.015	14.764						
11/3/2016 8:30:00 PM	81000.000	72.717	17.994	165.744	28984.656	33462.723	21.127	22754.654
34.501	1.015	14.768						
11/3/2016 8:35:00 PM	81300.000	72.735	17.993	165.785	28989.086	33468.156	21.131	22758.346
34.496	1.015	14.766						
11/3/2016 8:40:00 PM	81600.000	72.729	17.994	165.771	28999.121	33479.230	21.138	22765.879
34.494	1.015	14.764						
11/3/2016 8:45:00 PM	81900.000	72.732	17.994	165.779	28997.258	33477.273	21.137	22764.547
34.486	1.015	14.762						
11/3/2016 8:50:00 PM	82200.000	72.730	17.994	165.773	28977.990	33454.898	21.121	22749.332
34.509	1.015	14.762						
11/3/2016 8:55:00 PM	82500.000	72.728	17.993	165.770	28995.848	33475.910	21.136	22763.621
34.488	1.015	14.762						
11/3/2016 9:00:00 PM	82800.000	72.731	17.993	165.777	28987.402	33465.961	21.129	22756.855
34.498	1.015	14.762						
11/3/2016 9:05:00 PM	83100.000	72.726	17.993	165.765	28977.133	33454.168	21.121	22748.834
34.510	1.015	14.762						
11/3/2016 9:10:00 PM	83400.000	72.724	17.993	165.760	28999.303	33479.953	21.139	22766.371
34.484	1.015	14.761						
11/3/2016 9:15:00 PM	83700.000	72.706	17.994	165.718	28978.117	33455.176	21.122	22749.521
34.509	1.015	14.761						
11/3/2016 9:20:00 PM	84000.000	72.723	17.994	165.758	28995.092	33474.641	21.135	22762.756
34.489	1.015	14.761						
11/3/2016 9:25:00 PM	84300.000	72.728	17.993	165.770	28993.986	33474.008	21.135	22762.328
34.490	1.015	14.760						
11/3/2016 9:30:00 PM	84600.000	72.720	17.993	165.750	28985.467	33463.789	21.128	22755.379
34.500	1.015	14.759						
11/3/2016 9:35:00 PM	84900.000	72.725	17.993	165.763	28984.178	33462.238	21.126	22754.324
34.502	1.015	14.761						
11/3/2016 9:40:00 PM	85200.000	72.726	17.994	165.765	28995.143	33474.773	21.135	22762.846
34.489	1.015	14.762						
11/3/2016 9:45:00 PM	85500.000	72.700	17.993	165.705	28979.586	33457.191	21.123	22750.893
34.507	1.015	14.764						
11/3/2016 9:50:00 PM	85800.000	72.699	17.993	165.704	28984.049	33462.215	21.126	22754.307
34.502	1.015	14.764						
11/3/2016 9:55:00 PM	86100.000	72.716	17.993	165.742	28997.789	33478.207	21.138	22765.182
34.485	1.015	14.765						
11/3/2016 10:00:00 PM	86400.000	72.721	17.994	165.754	28990.797	33469.430	21.132	22759.215
34.494	1.015	14.765						
11/3/2016 10:05:00 PM	86700.000	72.716	17.993	165.743	28999.811	33480.676	21.139	22766.861
34.483	1.015	14.764						
11/3/2016 10:10:00 PM	87000.000	72.722	17.993	165.757	28990.863	33470.211	21.132	22759.744
34.494	1.015	14.764						
11/3/2016 10:15:00 PM	87300.000	72.723	17.993	165.759	28989.785	33468.711	21.131	22758.727
34.495	1.015	14.763						
11/3/2016 10:20:00 PM	87600.000	72.716	17.994	165.741	28994.391	33473.906	21.135	22762.256
34.489	1.015	14.765						
11/3/2016 10:25:00 PM	87900.000	72.716	17.994	165.741	28983.738	33461.473	21.126	22753.801
34.502	1.015	14.767						
11/3/2016 10:30:00 PM	88200.000	72.716	17.993	165.743	29007.182	33488.797	21.145	22772.385
34.474	1.015	14.770						
11/3/2016 10:35:00 PM	88500.000	72.720	17.993	165.752	28990.023	33469.184	21.131	22759.047
34.495	1.015	14.767						
11/3/2016 10:40:00 PM	88800.000	72.726	17.993	165.765	28995.215	33475.301	21.136	22763.207
34.488	1.015	14.765						
11/3/2016 10:45:00 PM	89100.000	72.722	17.993	165.757	28982.584	33460.652	21.125	22753.244
34.503	1.015	14.763						
11/3/2016 10:50:00 PM	89400.000	72.717	17.994	165.744	28999.043	33479.203	21.138	22765.857
34.484	1.015	14.765						
11/3/2016 10:55:00 PM	89700.000	72.718	17.993	165.746	28993.203	33472.781	21.134	22761.494
34.491	1.015	14.767						
11/3/2016 11:00:00 PM	90000.000	72.719	17.993	165.749	28985.906	33464.488	21.128	22755.852
34.500	1.015	14.770						
11/3/2016 11:05:00 PM	90300.000	72.718	17.994	165.746	28990.840	33469.805	21.132	22759.469
34.494	1.015	14.770						
11/3/2016 11:10:00 PM	90600.000	72.719	17.993	165.749	28979.955	33457.426	21.123	22751.049
34.507	1.015	14.769						
11/3/2016 11:15:00 PM	90900.000	72.719	17.993	165.750	28986.186	33464.680	21.128	22755.982
34.499	1.015	14.769						
11/3/2016 11:20:00 PM	91200.000	72.703	17.993	165.713	28999.916	33480.531	21.139	22766.764
34.483	1.015	14.768						
11/3/2016 11:25:00 PM	91500.000	72.709	17.993	165.726	28984.010	33462.105	21.126	22754.234
34.502	1.015	14.767						
11/3/2016 11:30:00 PM	91800.000	72.729	17.994	165.771	28985.531	33463.543	21.127	22755.211
34.500	1.015	14.766						
11/3/2016 11:35:00 PM	92100.000	72.726	17.993	165.765	29005.570	33487.258	21.144	22771.338
34.476	1.015	14.767						
11/3/2016 11:40:00 PM	92400.000	72.730	17.993	165.774	28987.863	33466.555	21.129	22757.260
34.497	1.015	14.769						
11/3/2016 11:45:00 PM	92700.000	72.704	17.993	165.716	29004.354	33485.531	21.143	22770.162
34.478	1.015	14.771						
11/3/2016 11:50:00 PM	93000.000	72.725	17.994	165.762	28985.549	33463.754	21.128	22755.354
34.500	1.015	14.771						
11/3/2016 11:55:00 PM	93300.000	72.731	17.993	165.777	29001.502	33482.559	21.141	22768.141

34.481	1.015	14.771						
11/4/2016 12:00:00 AM	93600.000	72.724	17.993	165.760	29000.945	33481.793	21.140	22767.619
34.482	1.015	14.771						
11/4/2016 12:05:00 AM	93900.000	72.732	17.994	165.778	29003.410	33484.246	21.142	22769.289
34.479	1.015	14.768						
11/4/2016 12:10:00 AM	94200.000	72.733	17.993	165.780	28990.447	33469.602	21.132	22759.330
34.494	1.015	14.766						
11/4/2016 12:15:00 AM	94500.000	72.718	17.993	165.747	28979.746	33457.184	21.123	22750.885
34.507	1.015	14.764						
11/4/2016 12:20:00 AM	94800.000	72.736	17.993	165.788	28989.064	33467.879	21.130	22758.160
34.496	1.015	14.765						
11/4/2016 12:25:00 AM	95100.000	72.738	17.993	165.793	29002.107	33483.000	21.141	22768.439
34.480	1.015	14.766						
11/4/2016 12:30:00 AM	95400.000	72.739	17.993	165.795	28984.781	33462.996	21.127	22754.840
34.501	1.015	14.768						
11/4/2016 12:35:00 AM	95700.000	72.722	17.993	165.756	28987.594	33466.242	21.129	22757.045
34.498	1.015	14.767						
11/4/2016 12:40:00 AM	96000.000	72.740	17.994	165.797	28997.879	33477.859	21.137	22764.945
34.485	1.015	14.766						
11/4/2016 12:45:00 AM	96300.000	72.743	17.994	165.804	28986.127	33464.363	21.128	22755.768
34.499	1.015	14.765						
11/4/2016 12:50:00 AM	96600.000	72.742	17.994	165.802	28980.500	33457.797	21.123	22751.305
34.506	1.015	14.766						
11/4/2016 12:55:00 AM	96900.000	72.743	17.993	165.804	28993.598	33473.176	21.134	22761.760
34.490	1.015	14.767						
11/4/2016 1:00:00 AM	97200.000	72.728	17.993	165.770	28983.213	33461.250	21.126	22753.650
34.503	1.015	14.768						
11/4/2016 1:05:00 AM	97500.000	72.748	17.994	165.815	28986.639	33465.012	21.128	22756.211
34.499	1.015	14.767						
11/4/2016 1:10:00 AM	97800.000	72.752	17.993	165.824	28997.482	33477.918	21.137	22764.986
34.486	1.015	14.765						
11/4/2016 1:15:00 AM	98100.000	72.757	17.994	165.837	28981.227	33458.637	21.124	22751.875
34.505	1.015	14.764						
11/4/2016 1:20:00 AM	98400.000	72.762	17.993	165.846	29001.273	33482.172	21.140	22767.877
34.481	1.015	14.762						
11/4/2016 1:25:00 AM	98700.000	72.743	17.993	165.805	29003.965	33485.281	21.142	22769.992
34.478	1.015	14.761						
11/4/2016 1:30:00 AM	99000.000	72.762	17.994	165.846	28992.465	33471.609	21.133	22760.697
34.492	1.015	14.760						
11/4/2016 1:35:00 AM	99300.000	72.741	17.993	165.799	28994.813	33474.836	21.135	22762.891
34.489	1.015	14.761						
11/4/2016 1:40:00 AM	99600.000	72.766	17.993	165.856	28984.891	33463.184	21.127	22754.967
34.501	1.015	14.763						
11/4/2016 1:45:00 AM	99900.000	72.761	17.994	165.844	28972.496	33448.684	21.117	22745.105
34.515	1.015	14.764						
11/4/2016 1:50:00 AM	100200.000	72.770	17.993	165.864	29001.496	33482.293	21.140	22767.959
34.481	1.015	14.766						
11/4/2016 1:55:00 AM	100500.000	72.761	17.994	165.845	28994.963	33474.238	21.135	22762.484
34.489	1.015	14.768						
11/4/2016 2:00:00 AM	100800.000	72.762	17.994	165.846	28985.049	33463.176	21.127	22754.961
34.501	1.015	14.770						
11/4/2016 2:05:00 AM	101100.000	72.765	17.993	165.855	28992.088	33471.758	21.133	22760.795
34.492	1.015	14.769						
11/4/2016 2:10:00 AM	101400.000	72.765	17.994	165.855	28988.678	33467.309	21.130	22757.771
34.496	1.015	14.769						
11/4/2016 2:15:00 AM	101700.000	72.772	17.993	165.869	28997.676	33477.945	21.137	22765.006
34.486	1.015	14.769						
11/4/2016 2:20:00 AM	102000.000	72.775	17.994	165.876	29013.973	33496.570	21.150	22777.670
34.466	1.015	14.769						
11/4/2016 2:25:00 AM	102300.000	72.781	17.993	165.890	28994.574	33474.684	21.135	22762.787
34.489	1.015	14.768						
11/4/2016 2:30:00 AM	102600.000	72.776	17.993	165.878	28995.605	33475.684	21.136	22763.467
34.488	1.015	14.768						
11/4/2016 2:35:00 AM	102900.000	72.781	17.993	165.891	28997.512	33477.695	21.137	22764.836
34.486	1.015	14.769						
11/4/2016 2:40:00 AM	103200.000	72.779	17.994	165.886	28995.941	33475.492	21.136	22763.334
34.488	1.015	14.770						
11/4/2016 2:45:00 AM	103500.000	72.783	17.993	165.895	28997.828	33477.996	21.137	22765.037
34.485	1.015	14.771						
11/4/2016 2:50:00 AM	103800.000	72.782	17.993	165.893	28991.707	33470.930	21.133	22760.232
34.493	1.015	14.770						
11/4/2016 2:55:00 AM	104100.000	72.790	17.993	165.912	29003.771	33484.859	21.142	22769.707
34.478	1.015	14.768						
11/4/2016 3:00:00 AM	104400.000	72.789	17.993	165.909	28995.383	33475.238	21.136	22763.162
34.488	1.015	14.766						
11/4/2016 3:05:00 AM	104700.000	72.774	17.993	165.875	28987.234	33465.828	21.129	22756.766
34.498	1.015	14.769						
11/4/2016 3:10:00 AM	105000.000	72.770	17.994	165.865	28995.488	33475.172	21.135	22763.119
34.488	1.015	14.771						
11/4/2016 3:15:00 AM	105300.000	72.791	17.993	165.913	28999.779	33480.375	21.139	22766.654
34.483	1.015	14.774						
11/4/2016 3:20:00 AM	105600.000	72.788	17.993	165.906	28997.359	33477.582	21.137	22764.758
34.486	1.015	14.774						
11/4/2016 3:25:00 AM	105900.000	72.788	17.993	165.907	28985.674	33464.219	21.128	22755.670
34.500	1.015	14.773						
11/4/2016 3:30:00 AM	106200.000	72.790	17.993	165.911	28987.711	33466.441	21.129	22757.182
34.497	1.015	14.773						
11/4/2016 3:35:00 AM	106500.000	72.792	17.993	165.914	28995.658	33475.938	21.136	22763.639
34.488	1.015	14.771						
11/4/2016 3:40:00 AM	106800.000	72.800	17.993	165.933	28986.535	33465.348	21.129	22756.439
34.499	1.015	14.770						
11/4/2016 3:45:00 AM	107100.000	72.782	17.994	165.892	28986.012	33464.289	21.128	22755.719
34.499	1.015	14.769						
11/4/2016 3:50:00 AM	107400.000	72.800	17.993	165.934	29000.557	33481.211	21.140	22767.225
34.482	1.015	14.770						
11/4/2016 3:55:00 AM	107700.000	72.800	17.993	165.933	29001.711	33482.480	21.141	22768.090
34.481	1.015	14.772						
11/4/2016 4:00:00 AM	108000.000	72.793	17.993	165.917	28981.354	33459.297	21.124	22752.322
34.505	1.015	14.774						
11/4/2016 4:05:00 AM	108300.000	72.804	17.993	165.943	28996.061	33476.020	21.136	22763.695
34.487	1.015	14.774						
11/4/2016 4:10:00 AM	108600.000	72.780	17.993	165.888	28986.881	33465.422	21.129	22756.486
34.498	1.015	14.774						
11/4/2016 4:15:00 AM	108900.000	72.801	17.993	165.936	28989.047	33468.059	21.131	22758.279
34.496	1.015	14.774						
11/4/2016 4:20:00 AM	109200.000	72.806	17.993	165.947	28998.809	33479.449	21.138	22766.025
34.484	1.015	14.772						
11/4/2016 4:25:00 AM	109500.000	72.811	17.993	165.959	28992.018	33471.543	21.133	22760.650
34.492	1.015	14.771						
11/4/2016 4:30:00 AM	109800.000	72.813	17.993	165.964	29010.852	33493.285	21.148	22775.434
34.470	1.015	14.769						
11/4/2016 4:35:00 AM	110100.000	72.806	17.993	165.947	29003.094	33484.328	21.142	22769.344
34.479	1.015	14.772						
11/4/2016 4:40:00 AM	110400.000	72.812	17.994	165.962	28997.486	33477.535	21.137	22764.727
34.486	1.015	14.775						
11/4/2016 4:45:00 AM	110700.000	72.800	17.993	165.934	28990.189	33469.500	21.132	22759.260
34.494	1.015	14.778						
11/4/2016 4:50:00 AM	111000.000	72.814	17.993	165.965	28985.238	33463.715	21.128	22755.328
34.500	1.015	14.775						
11/4/2016 4:55:00 AM	111300.000	72.812	17.993	165.960	28993.549	33473.574	21.134	22762.031
34.490	1.015	14.772						
11/4/2016 5:00:00 AM	111600.000	72.820	17.993	165.979	28993.229	33472.750	21.134	22761.473
34.491	1.015	14.769						
11/4/2016 5:05:00 AM	111900.000	72.819	17.994	165.977	29010.279	33492.246	21.147	22774.729
34.471	1.015	14.770						
11/4/2016 5:10:00 AM	112200.000	72.812	17.994	165.961	29000.090	33480.484	21.139	22766.730
34.483	1.015	14.771						
11/4/2016 5:15:00 AM	112500.000	72.815	17.993	165.968	28989.764	33468.813	21.131	22758.795
34.495	1.015	14.772						
11/4/2016 5:20:00 AM	112800.000	72.815	17.994	165.968	28982.623	33460.375	21.125	22753.055
34.503	1.015	14.773						
11/4/2016 5:25:00 AM	113100.000	72.820	17.993	165.979	28991.096	33470.348	21.132	22759.836
34.493	1.015	14.774						

11/4/2016 5:30:00 AM	113400.000	72.800	17.993	165.933	28999.391	33479.926	21.139	22766.350
34.483	1.015	14.775						
11/4/2016 5:35:00 AM	113700.000	72.811	17.994	165.959	29001.643	33482.277	21.140	22767.949
34.481	1.015	14.776						
11/4/2016 5:40:00 AM	114000.000	72.795	17.993	165.921	28992.414	33471.809	21.133	22760.832
34.492	1.015	14.777						
11/4/2016 5:45:00 AM	114300.000	72.793	17.993	165.918	28980.363	33458.086	21.124	22751.500
34.506	1.015	14.778						
11/4/2016 5:50:00 AM	114600.000	72.811	17.993	165.958	28993.281	33472.945	21.134	22761.604
34.491	1.015	14.778						
11/4/2016 5:55:00 AM	114900.000	72.810	17.993	165.957	28995.719	33475.625	21.136	22763.428
34.488	1.015	14.778						
11/4/2016 6:00:00 AM	115200.000	72.813	17.993	165.964	28997.098	33477.543	21.137	22764.730
34.486	1.015	14.778						
11/4/2016 6:05:00 AM	115500.000	72.814	17.993	165.967	28985.344	33463.645	21.127	22755.279
34.500	1.015	14.777						
11/4/2016 6:10:00 AM	115800.000	72.818	17.993	165.974	29008.283	33490.129	21.146	22773.289
34.473	1.015	14.776						
11/4/2016 6:15:00 AM	116100.000	72.818	17.993	165.974	28984.471	33462.828	21.127	22754.725
34.501	1.015	14.775						
11/4/2016 6:20:00 AM	116400.000	72.818	17.993	165.976	28994.334	33474.215	21.135	22762.469
34.489	1.015	14.776						
11/4/2016 6:25:00 AM	116700.000	72.799	17.994	165.931	28998.996	33479.223	21.138	22765.873
34.484	1.015	14.776						
11/4/2016 6:30:00 AM	117000.000	72.818	17.994	165.975	28981.498	33459.078	21.124	22752.174
34.505	1.015	14.776						
11/4/2016 6:35:00 AM	117300.000	72.799	17.993	165.931	29000.309	33481.113	21.140	22767.158
34.482	1.015	14.776						
11/4/2016 6:40:00 AM	117600.000	72.818	17.993	165.975	28990.770	33469.973	21.132	22759.582
34.494	1.015	14.775						
11/4/2016 6:45:00 AM	117900.000	72.802	17.993	165.938	28982.129	33460.070	21.125	22752.850
34.504	1.015	14.774						
11/4/2016 6:50:00 AM	118200.000	72.820	17.993	165.979	28999.293	33479.688	21.139	22766.188
34.484	1.015	14.774						
11/4/2016 6:55:00 AM	118500.000	72.818	17.993	165.974	28999.102	33479.469	21.138	22766.041
34.484	1.015	14.774						
11/4/2016 7:00:00 AM	118800.000	72.819	17.993	165.977	28993.057	33472.613	21.134	22761.377
34.491	1.015	14.774						
11/4/2016 7:05:00 AM	119100.000	72.820	17.993	165.979	28992.242	33471.746	21.133	22760.787
34.492	1.015	14.773						
11/4/2016 7:10:00 AM	119400.000	72.802	17.993	165.939	28993.213	33472.668	21.134	22761.416
34.491	1.015	14.772						
11/4/2016 7:15:00 AM	119700.000	72.819	17.993	165.976	29007.805	33489.641	21.146	22772.957
34.473	1.015	14.772						
11/4/2016 7:20:00 AM	120000.000	72.797	17.994	165.926	28991.184	33470.258	21.132	22759.777
34.493	1.015	14.771						
11/4/2016 7:25:00 AM	120300.000	72.819	17.993	165.977	28995.232	33475.254	21.136	22763.174
34.488	1.015	14.770						
11/4/2016 7:30:00 AM	120600.000	72.820	17.993	165.978	28993.986	33473.762	21.134	22762.160
34.490	1.015	14.769						
11/4/2016 7:35:00 AM	120900.000	72.822	17.993	165.985	28997.510	33478.203	21.138	22765.178
34.486	1.015	14.769						
11/4/2016 7:40:00 AM	121200.000	72.825	17.993	165.990	28996.771	33477.031	21.137	22764.381
34.487	1.015	14.768						
11/4/2016 7:45:00 AM	121500.000	72.821	17.993	165.982	28997.313	33477.527	21.137	22764.719
34.486	1.015	14.768						
11/4/2016 7:50:00 AM	121800.000	72.824	17.994	165.988	28999.137	33479.383	21.138	22765.982
34.484	1.015	14.770						
11/4/2016 7:55:00 AM	122100.000	72.830	17.993	166.002	28993.541	33473.109	21.134	22761.717
34.490	1.015	14.772						
11/4/2016 8:00:00 AM	122400.000	72.822	17.993	165.984	28997.742	33477.961	21.137	22765.016
34.485	1.015	14.774						
11/4/2016 8:05:00 AM	122700.000	72.799	17.994	165.932	28988.047	33466.582	21.130	22757.277
34.497	1.015	14.776						
11/4/2016 8:10:00 AM	123000.000	72.817	17.994	165.973	28993.588	33473.035	21.134	22761.666
34.490	1.015	14.777						
11/4/2016 8:15:00 AM	123300.000	72.816	17.993	165.970	28996.178	33476.094	21.136	22763.744
34.487	1.015	14.778						
11/4/2016 8:20:00 AM	123600.000	72.821	17.993	165.982	28990.309	33469.441	21.131	22759.223
34.494	1.015	14.775						
11/4/2016 8:25:00 AM	123900.000	72.824	17.993	165.988	29003.953	33485.457	21.143	22770.113
34.478	1.015	14.773						
11/4/2016 8:30:00 AM	124200.000	72.830	17.993	166.002	28975.174	33452.098	21.119	22747.428
34.512	1.015	14.770						
11/4/2016 8:35:00 AM	124500.000	72.827	17.993	165.995	28999.018	33479.434	21.138	22766.016
34.484	1.015	14.772						
11/4/2016 8:40:00 AM	124800.000	72.821	17.993	165.981	28995.543	33475.359	21.136	22763.244
34.488	1.015	14.774						
11/4/2016 8:45:00 AM	125100.000	72.821	17.993	165.981	28986.271	33464.910	21.128	22756.141
34.499	1.015	14.775						
11/4/2016 8:50:00 AM	125400.000	72.825	17.993	165.991	28996.758	33476.887	21.137	22764.283
34.487	1.015	14.774						
11/4/2016 8:55:00 AM	125700.000	72.809	17.993	165.955	29001.371	33482.340	21.140	22767.994
34.481	1.015	14.773						
11/4/2016 9:00:00 AM	126000.000	72.828	17.993	165.997	29004.648	33486.070	21.143	22770.529
34.477	1.015	14.771						
11/4/2016 9:05:00 AM	126300.000	72.831	17.993	166.005	28977.703	33454.887	21.121	22749.322
34.509	1.015	14.776						
11/4/2016 9:10:00 AM	126600.000	72.822	17.993	165.984	28987.270	33465.871	21.129	22756.795
34.498	1.015	14.781						
11/4/2016 9:15:00 AM	126900.000	72.821	17.993	165.980	28983.619	33461.719	21.126	22753.969
34.502	1.015	14.786						
11/4/2016 9:20:00 AM	127200.000	72.825	17.993	165.991	29004.844	33486.160	21.143	22770.592
34.477	1.015	14.785						
11/4/2016 9:25:00 AM	127500.000	72.821	17.993	165.982	28989.018	33467.949	21.130	22758.205
34.496	1.015	14.784						
11/4/2016 9:30:00 AM	127800.000	72.828	17.993	165.997	28999.566	33480.129	21.139	22766.488
34.483	1.015	14.783						
11/4/2016 9:35:00 AM	128100.000	72.830	17.993	166.003	28991.240	33470.590	21.132	22760.002
34.493	1.015	14.781						
11/4/2016 9:40:00 AM	128400.000	72.835	17.993	166.014	28992.289	33471.664	21.133	22760.732
34.492	1.015	14.778						
11/4/2016 9:45:00 AM	128700.000	72.836	17.993	166.015	29006.018	33487.516	21.144	22771.514
34.476	1.015	14.775						
11/4/2016 9:50:00 AM	129000.000	72.840	17.993	166.024	28999.152	33479.723	21.139	22766.213
34.484	1.015	14.777						
11/4/2016 9:55:00 AM	129300.000	72.837	17.993	166.018	28982.377	33460.355	21.125	22753.043
34.504	1.015	14.778						
11/4/2016 10:00:00 AM	129600.000	72.841	17.993	166.027	29009.973	33492.406	21.147	22774.838
34.471	1.015	14.780						
11/4/2016 10:05:00 AM	129900.000	72.842	17.993	166.029	28988.117	33466.848	21.130	22757.457
34.497	1.015	14.781						
11/4/2016 10:10:00 AM	130200.000	72.838	17.993	166.020	28996.900	33477.180	21.137	22764.484
34.486	1.015	14.782						
11/4/2016 10:15:00 AM	130500.000	72.844	17.993	166.033	29000.916	33481.688	21.140	22767.547
34.482	1.015	14.782						
11/4/2016 10:20:00 AM	130800.000	72.845	17.993	166.037	29009.939	33492.500	21.147	22774.902
34.471	1.015	14.782						
11/4/2016 10:25:00 AM	131100.000	72.821	17.994	165.982	28994.605	33474.020	21.135	22762.334
34.489	1.015	14.782						
11/4/2016 10:30:00 AM	131400.000	72.847	17.993	166.041	28997.330	33477.621	21.137	22764.783
34.486	1.015	14.782						
11/4/2016 10:35:00 AM	131700.000	72.850	17.993	166.048	28998.189	33478.805	21.138	22765.588
34.485	1.015	14.784						
11/4/2016 10:40:00 AM	132000.000	72.825	17.993	165.992	28997.184	33477.379	21.137	22764.617
34.486	1.015	14.786						
11/4/2016 10:45:00 AM	132300.000	72.839	17.993	166.022	28991.020	33470.391	21.132	22759.867
34.493	1.015	14.787						
11/4/2016 10:50:00 AM	132600.000	72.846	17.993	166.038	28990.414	33469.438	21.131	22759.219
34.494	1.015	14.787						
11/4/2016 10:55:00 AM	132900.000	72.833	17.994	166.008	29004.809	33485.934	21.143	22770.438
34.477	1.015	14.786						
11/4/2016 11:00:00 AM	133200.000	72.853	17.993	166.054	28997.463	33478.020	21.137	22765.055

34.486	1.015	14.785						
11/4/2016 11:05:00 AM	133500.000	72.855	17.993	166.059	28994.742	33474.559	21.135	22762.701
34.489	1.015	14.786						
11/4/2016 11:10:00 AM	133800.000	72.852	17.993	166.053	29005.367	33486.762	21.144	22771.000
34.476	1.015	14.786						
11/4/2016 11:15:00 AM	134100.000	72.853	17.993	166.054	28986.162	33464.527	21.128	22755.881
34.499	1.015	14.786						
11/4/2016 11:20:00 AM	134400.000	72.836	17.993	166.017	28995.252	33475.086	21.135	22763.061
34.488	1.015	14.786						
11/4/2016 11:25:00 AM	134700.000	72.856	17.994	166.062	29001.367	33481.824	21.140	22767.641
34.481	1.015	14.786						
11/4/2016 11:30:00 AM	135000.000	72.858	17.993	166.067	28995.006	33474.738	21.135	22762.822
34.489	1.015	14.785						
11/4/2016 11:35:00 AM	135300.000	72.860	17.993	166.070	28990.111	33469.477	21.132	22759.244
34.495	1.015	14.785						
11/4/2016 11:40:00 AM	135600.000	72.843	17.993	166.033	28997.889	33478.066	21.137	22765.088
34.485	1.015	14.785						
11/4/2016 11:45:00 AM	135900.000	72.859	17.993	166.067	28973.826	33450.539	21.118	22746.369
34.514	1.015	14.785						
11/4/2016 11:50:00 AM	136200.000	72.863	17.994	166.078	28993.818	33473.301	21.134	22761.846
34.490	1.015	14.787						
11/4/2016 11:55:00 AM	136500.000	72.864	17.993	166.080	29015.156	33498.129	21.151	22778.730
34.465	1.015	14.789						
11/4/2016 12:00:00 PM	136800.000	72.860	17.993	166.070	28996.389	33476.398	21.136	22763.953
34.487	1.015	14.790						
11/4/2016 12:05:00 PM	137100.000	72.862	17.994	166.075	29011.160	33493.266	21.148	22775.422
34.469	1.015	14.789						
11/4/2016 12:10:00 PM	137400.000	72.863	17.993	166.078	28976.697	33453.855	21.121	22748.623
34.510	1.015	14.787						
11/4/2016 12:15:00 PM	137700.000	72.863	17.994	166.078	28996.018	33475.840	21.136	22763.572
34.487	1.015	14.785						
11/4/2016 12:20:00 PM	138000.000	72.871	17.993	166.094	29000.285	33480.957	21.139	22767.051
34.482	1.015	14.784						
11/4/2016 12:25:00 PM	138300.000	72.871	17.993	166.096	28986.721	33465.234	21.129	22756.361
34.499	1.015	14.783						
11/4/2016 12:30:00 PM	138600.000	72.872	17.994	166.098	28994.256	33473.676	21.134	22762.100
34.490	1.015	14.782						
11/4/2016 12:35:00 PM	138900.000	72.869	17.994	166.091	29006.980	33488.496	21.145	22772.178
34.474	1.015	14.781						
11/4/2016 12:40:00 PM	139200.000	72.877	17.993	166.109	28998.922	33479.320	21.138	22765.938
34.484	1.015	14.780						
11/4/2016 12:45:00 PM	139500.000	72.879	17.993	166.114	28983.658	33461.699	21.126	22753.955
34.502	1.015	14.779						
11/4/2016 12:50:00 PM	139800.000	72.876	17.993	166.107	28992.732	33472.434	21.134	22761.258
34.491	1.015	14.777						
11/4/2016 12:55:00 PM	140100.000	72.882	17.994	166.120	28992.807	33472.133	21.133	22761.051
34.491	1.015	14.775						
11/4/2016 1:00:00 PM	140400.000	72.884	17.993	166.124	29005.896	33487.375	21.144	22771.418
34.476	1.015	14.773						
11/4/2016 1:05:00 PM	140700.000	72.885	17.993	166.128	29005.262	33486.578	21.143	22770.875
34.477	1.015	14.774						
11/4/2016 1:10:00 PM	141000.000	72.878	17.994	166.112	28994.648	33474.129	21.135	22762.410
34.489	1.015	14.775						
11/4/2016 1:15:00 PM	141300.000	72.883	17.993	166.123	29001.650	33482.609	21.141	22768.176
34.481	1.015	14.775						
11/4/2016 1:20:00 PM	141600.000	72.886	17.994	166.129	29004.268	33485.105	21.142	22769.873
34.478	1.015	14.776						
11/4/2016 1:25:00 PM	141900.000	72.887	17.994	166.133	28995.580	33475.074	21.135	22763.053
34.488	1.015	14.778						
11/4/2016 1:30:00 PM	142200.000	72.883	17.994	166.124	28979.898	33456.969	21.123	22750.740
34.507	1.015	14.779						
11/4/2016 1:35:00 PM	142500.000	72.882	17.994	166.122	29018.049	33501.273	21.154	22780.867
34.461	1.015	14.777						
11/4/2016 1:40:00 PM	142800.000	72.867	17.994	166.086	28999.188	33479.309	21.138	22765.930
34.484	1.015	14.776						
11/4/2016 1:45:00 PM	143100.000	72.889	17.993	166.136	28999.234	33479.746	21.139	22766.230
34.484	1.015	14.775						
11/4/2016 1:50:00 PM	143400.000	72.895	17.994	166.151	28998.867	33479.129	21.138	22765.811
34.484	1.015	14.776						
11/4/2016 1:55:00 PM	143700.000	72.893	17.993	166.147	29005.875	33487.410	21.144	22771.441
34.476	1.015	14.777						
11/4/2016 2:00:00 PM	144000.000	72.884	17.993	166.124	29013.982	33496.773	21.150	22777.807
34.466	1.015	14.778						
11/4/2016 2:05:00 PM	144300.000	72.888	17.993	166.134	28999.846	33480.391	21.139	22766.666
34.483	1.015	14.778						
11/4/2016 2:10:00 PM	144600.000	72.890	17.993	166.139	29000.295	33480.844	21.139	22766.975
34.482	1.015	14.778						
11/4/2016 2:15:00 PM	144900.000	72.886	17.994	166.130	28997.166	33477.168	21.137	22764.475
34.486	1.015	14.778						
11/4/2016 2:20:00 PM	145200.000	72.887	17.993	166.132	29018.408	33501.820	21.154	22781.238
34.461	1.015	14.778						
11/4/2016 2:25:00 PM	145500.000	72.890	17.993	166.139	28997.607	33477.996	21.137	22765.037
34.486	1.015	14.778						
11/4/2016 2:30:00 PM	145800.000	72.871	17.993	166.094	28996.717	33476.777	21.137	22764.209
34.487	1.015	14.778						
11/4/2016 2:35:00 PM	146100.000	72.872	17.994	166.098	28999.240	33479.504	21.138	22766.064
34.484	1.015	14.777						
11/4/2016 2:40:00 PM	146400.000	72.892	17.993	166.143	28981.939	33459.715	21.125	22752.607
34.504	1.015	14.776						
11/4/2016 2:45:00 PM	146700.000	72.892	17.994	166.143	29008.951	33490.773	21.146	22773.727
34.472	1.015	14.774						
11/4/2016 2:50:00 PM	147000.000	72.893	17.993	166.145	28999.150	33479.586	21.139	22766.121
34.484	1.015	14.776						
11/4/2016 2:55:00 PM	147300.000	72.896	17.993	166.151	29000.369	33481.250	21.140	22767.252
34.482	1.015	14.777						
11/4/2016 3:00:00 PM	147600.000	72.889	17.993	166.138	29007.324	33489.086	21.145	22772.580
34.474	1.015	14.778						
11/4/2016 3:05:00 PM	147900.000	72.878	17.993	166.111	29006.838	33488.461	21.145	22772.156
34.475	1.015	14.778						
11/4/2016 3:10:00 PM	148200.000	72.872	17.994	166.099	29007.162	33488.648	21.145	22772.281
34.474	1.015	14.777						
11/4/2016 3:15:00 PM	148500.000	72.888	17.994	166.134	28986.418	33464.699	21.128	22755.996
34.499	1.015	14.776						
11/4/2016 3:20:00 PM	148800.000	72.872	17.993	166.097	29000.992	33481.773	21.140	22767.607
34.482	1.015	14.777						
11/4/2016 3:25:00 PM	149100.000	72.891	17.993	166.141	28983.893	33462.105	21.126	22754.234
34.502	1.015	14.778						
11/4/2016 3:30:00 PM	149400.000	72.891	17.994	166.142	29002.072	33482.832	21.141	22768.328
34.480	1.015	14.778						
11/4/2016 3:35:00 PM	149700.000	72.887	17.993	166.132	28996.207	33476.516	21.136	22764.033
34.487	1.015	14.777						
11/4/2016 3:40:00 PM	150000.000	72.870	17.993	166.092	29005.201	33486.508	21.143	22770.826
34.477	1.015	14.776						
11/4/2016 3:45:00 PM	150300.000	72.883	17.993	166.123	28996.553	33476.777	21.137	22764.209
34.487	1.015	14.775						
11/4/2016 3:50:00 PM	150600.000	72.886	17.993	166.131	28986.857	33465.395	21.129	22756.469
34.498	1.015	14.776						
11/4/2016 3:55:00 PM	150900.000	72.883	17.993	166.124	29008.615	33490.840	21.146	22773.773
34.473	1.015	14.776						
11/4/2016 4:00:00 PM	151200.000	72.883	17.993	166.122	29006.344	33488.082	21.144	22771.898
34.475	1.015	14.777						
11/4/2016 4:05:00 PM	151500.000	72.864	17.993	166.079	28996.479	33476.691	21.137	22764.150
34.487	1.015	14.778						
11/4/2016 4:10:00 PM	151800.000	72.860	17.994	166.070	28984.605	33462.605	21.127	22754.574
34.501	1.015	14.779						
11/4/2016 4:15:00 PM	152100.000	72.875	17.993	166.105	29016.314	33499.340	21.152	22779.553
34.463	1.015	14.780						
11/4/2016 4:20:00 PM	152400.000	72.878	17.993	166.110	28991.615	33470.887	21.133	22760.205
34.493	1.015	14.780						
11/4/2016 4:25:00 PM	152700.000	72.880	17.994	166.117	29001.260	33481.570	21.140	22767.469
34.481	1.015	14.779						
11/4/2016 4:30:00 PM	153000.000	72.880	17.993	166.117	28991.076	33470.328	21.132	22759.824
34.493	1.015	14.779						

11/4/2016 4:35:00 PM	153300.000	72.877	17.993	166.109	28979.123	33456.656	21.123	22750.529
34.508	1.015	14.778						
11/4/2016 4:40:00 PM	153600.000	72.876	17.994	166.107	28985.803	33463.785	21.128	22755.377
34.500	1.015	14.777						
11/4/2016 4:45:00 PM	153900.000	72.872	17.994	166.099	29001.225	33481.793	21.140	22767.619
34.481	1.015	14.776						
11/4/2016 4:50:00 PM	154200.000	72.871	17.993	166.095	29001.410	33482.332	21.140	22767.988
34.481	1.015	14.776						
11/4/2016 4:55:00 PM	154500.000	72.869	17.993	166.090	28992.453	33471.793	21.133	22760.822
34.492	1.015	14.777						
11/4/2016 5:00:00 PM	154800.000	72.848	17.994	166.043	29002.549	33483.379	21.141	22768.697
34.480	1.015	14.778						
11/4/2016 5:05:00 PM	155100.000	72.865	17.994	166.081	28989.965	33468.723	21.131	22758.734
34.495	1.015	14.779						
11/4/2016 5:10:00 PM	155400.000	72.857	17.994	166.064	29005.836	33487.176	21.144	22771.281
34.476	1.015	14.779						
11/4/2016 5:15:00 PM	155700.000	72.856	17.993	166.061	29005.469	33487.016	21.144	22771.172
34.476	1.015	14.780						
11/4/2016 5:20:00 PM	156000.000	72.854	17.993	166.057	28997.436	33477.605	21.137	22764.771
34.486	1.015	14.780						
11/4/2016 5:25:00 PM	156300.000	72.855	17.993	166.060	28995.633	33475.715	21.136	22763.486
34.488	1.015	14.780						
11/4/2016 5:30:00 PM	156600.000	72.829	17.994	166.001	28992.309	33471.559	21.133	22760.662
34.492	1.015	14.780						
11/4/2016 5:35:00 PM	156900.000	72.852	17.994	166.052	29001.998	33482.688	21.141	22768.230
34.480	1.015	14.778						
11/4/2016 5:40:00 PM	157200.000	72.833	17.993	166.010	28993.523	33473.090	21.134	22761.701
34.490	1.015	14.776						
11/4/2016 5:45:00 PM	157500.000	72.849	17.993	166.045	29001.357	33482.324	21.140	22767.982
34.481	1.015	14.774						
11/4/2016 5:50:00 PM	157800.000	72.849	17.994	166.046	28999.402	33479.426	21.138	22766.010
34.483	1.015	14.775						
11/4/2016 5:55:00 PM	158100.000	72.827	17.993	165.994	29003.904	33485.137	21.142	22769.895
34.478	1.015	14.776						
11/4/2016 6:00:00 PM	158400.000	72.844	17.993	166.033	28996.355	33476.297	21.136	22763.883
34.487	1.015	14.777						
11/4/2016 6:05:00 PM	158700.000	72.838	17.994	166.021	28995.988	33475.750	21.136	22763.512
34.488	1.015	14.776						
11/4/2016 6:10:00 PM	159000.000	72.838	17.994	166.019	28998.238	33478.402	21.138	22765.316
34.485	1.015	14.775						
11/4/2016 6:15:00 PM	159300.000	72.833	17.993	166.009	28996.842	33476.859	21.137	22764.266
34.487	1.015	14.774						
11/4/2016 6:20:00 PM	159600.000	72.833	17.994	166.009	28998.764	33478.820	21.138	22765.598
34.484	1.015	14.774						
11/4/2016 6:25:00 PM	159900.000	72.834	17.993	166.011	28995.266	33475.238	21.136	22763.162
34.488	1.015	14.775						
11/4/2016 6:30:00 PM	160200.000	72.813	17.993	165.964	28992.574	33472.184	21.133	22761.088
34.492	1.015	14.775						
11/4/2016 6:35:00 PM	160500.000	72.828	17.994	165.998	29010.100	33492.098	21.147	22774.627
34.471	1.015	14.776						
11/4/2016 6:40:00 PM	160800.000	72.821	17.993	165.982	29000.406	33480.973	21.140	22767.063
34.482	1.015	14.777						
11/4/2016 6:45:00 PM	161100.000	72.819	17.993	165.978	29007.715	33489.609	21.146	22772.936
34.474	1.015	14.778						
11/4/2016 6:50:00 PM	161400.000	72.822	17.993	165.983	28988.496	33467.285	21.130	22757.756
34.496	1.015	14.777						
11/4/2016 6:55:00 PM	161700.000	72.818	17.993	165.974	29000.613	33481.211	21.140	22767.225
34.482	1.015	14.776						
11/4/2016 7:00:00 PM	162000.000	72.797	17.994	165.927	29002.092	33482.852	21.141	22768.342
34.480	1.015	14.775						
11/4/2016 7:05:00 PM	162300.000	72.808	17.993	165.952	29002.576	33483.602	21.141	22768.850
34.480	1.015	14.775						
11/4/2016 7:10:00 PM	162600.000	72.789	17.993	165.908	29013.816	33496.652	21.150	22777.725
34.466	1.015	14.776						
11/4/2016 7:15:00 PM	162900.000	72.809	17.993	165.954	28999.400	33479.875	21.139	22766.316
34.483	1.015	14.776						
11/4/2016 7:20:00 PM	163200.000	72.801	17.993	165.937	28989.506	33468.512	21.131	22758.588
34.495	1.015	14.777						
11/4/2016 7:25:00 PM	163500.000	72.779	17.993	165.886	28986.504	33465.121	21.128	22756.285
34.499	1.015	14.778						
11/4/2016 7:30:00 PM	163800.000	72.797	17.994	165.926	28991.299	33470.262	21.132	22759.779
34.493	1.015	14.778						
11/4/2016 7:35:00 PM	164100.000	72.777	17.993	165.880	28985.588	33463.992	21.128	22755.516
34.500	1.015	14.777						
11/4/2016 7:40:00 PM	164400.000	72.789	17.993	165.909	28989.457	33468.531	21.131	22758.602
34.495	1.015	14.777						
11/4/2016 7:45:00 PM	164700.000	72.791	17.993	165.913	28985.004	33463.254	21.127	22755.014
34.501	1.015	14.776						
11/4/2016 7:50:00 PM	165000.000	72.784	17.993	165.897	28995.459	33475.262	21.136	22763.178
34.488	1.015	14.778						
11/4/2016 7:55:00 PM	165300.000	72.761	17.993	165.846	29002.193	33483.160	21.141	22768.549
34.480	1.015	14.779						
11/4/2016 8:00:00 PM	165600.000	72.779	17.994	165.887	28992.561	33471.590	21.133	22760.684
34.492	1.015	14.781						
11/4/2016 8:05:00 PM	165900.000	72.777	17.993	165.882	28982.252	33460.016	21.125	22752.811
34.504	1.015	14.779						
11/4/2016 8:10:00 PM	166200.000	72.762	17.994	165.848	29003.682	33484.688	21.142	22769.588
34.478	1.015	14.776						
11/4/2016 8:15:00 PM	166500.000	72.784	17.993	165.898	29000.096	33480.676	21.139	22766.861
34.483	1.015	14.773						
11/4/2016 8:20:00 PM	166800.000	72.783	17.994	165.894	28997.289	33477.250	21.137	22764.529
34.486	1.015	14.774						
11/4/2016 8:25:00 PM	167100.000	72.773	17.993	165.872	28988.918	33467.836	21.130	22758.129
34.496	1.015	14.775						
11/4/2016 8:30:00 PM	167400.000	72.773	17.993	165.873	28993.563	33473.461	21.134	22761.953
34.490	1.015	14.776						
11/4/2016 8:35:00 PM	167700.000	72.768	17.994	165.860	29001.385	33481.777	21.140	22767.611
34.481	1.015	14.778						
11/4/2016 8:40:00 PM	168000.000	72.766	17.993	165.855	28991.061	33470.246	21.132	22759.770
34.493	1.015	14.780						
11/4/2016 8:45:00 PM	168300.000	72.764	17.993	165.851	28976.643	33453.602	21.120	22748.451
34.511	1.015	14.782						
11/4/2016 8:50:00 PM	168600.000	72.759	17.993	165.839	29012.740	33495.730	21.150	22777.100
34.468	1.015	14.781						
11/4/2016 8:55:00 PM	168900.000	72.758	17.993	165.837	29005.221	33487.051	21.144	22771.197
34.477	1.015	14.781						
11/4/2016 9:00:00 PM	169200.000	72.760	17.993	165.843	29000.213	33481.141	21.140	22767.178
34.483	1.015	14.781						
11/4/2016 9:05:00 PM	169500.000	72.754	17.993	165.830	29002.750	33483.879	21.142	22769.037
34.479	1.015	14.780						
11/4/2016 9:10:00 PM	169800.000	72.758	17.993	165.838	29008.016	33489.883	21.146	22773.123
34.473	1.015	14.780						
11/4/2016 9:15:00 PM	170100.000	72.754	17.994	165.828	29001.754	33482.461	21.141	22768.076
34.481	1.015	14.780						
11/4/2016 9:20:00 PM	170400.000	72.748	17.993	165.814	28995.035	33475.027	21.135	22763.021
34.489	1.015	14.782						
11/4/2016 9:25:00 PM	170700.000	72.749	17.993	165.818	29012.760	33495.434	21.150	22776.896
34.468	1.015	14.784						
11/4/2016 9:30:00 PM	171000.000	72.742	17.993	165.802	29011.250	33493.617	21.148	22775.662
34.469	1.015	14.786						
11/4/2016 9:35:00 PM	171300.000	72.746	17.993	165.810	28989.047	33467.922	21.130	22758.188
34.496	1.015	14.785						
11/4/2016 9:40:00 PM	171600.000	72.742	17.993	165.803	28999.188	33479.766	21.139	22766.240
34.484	1.015	14.784						
11/4/2016 9:45:00 PM	171900.000	72.742	17.994	165.803	29001.756	33482.406	21.141	22768.037
34.481	1.015	14.782						
11/4/2016 9:50:00 PM	172200.000	72.742	17.993	165.801	28983.182	33461.285	21.126	22753.676
34.503	1.015	14.783						
11/4/2016 9:55:00 PM	172500.000	72.744	17.993	165.805	28994.213	33473.824	21.135	22762.201
34.490	1.015	14.783						
11/4/2016 10:00:00 PM	172800.000	72.740	17.993	165.796	28996.281	33476.465	21.136	22763.998
34.487	1.015	14.784						
11/4/2016 10:05:00 PM	173100.000	72.741	17.993	165.800	28996.961	33477.059	21.137	22764.402

34.486	1.015	14.783						
11/4/2016 10:10:00 PM	173400.000	72.742	17.993	165.800	29014.422	33497.219	21.151	22778.111
34.466	1.015	14.781						
11/4/2016 10:15:00 PM	173700.000	72.738	17.993	165.793	28995.814	33475.672	21.136	22763.459
34.488	1.015	14.780						
11/4/2016 10:20:00 PM	174000.000	72.742	17.994	165.801	28995.283	33474.934	21.135	22762.957
34.488	1.015	14.782						
11/4/2016 10:25:00 PM	174300.000	72.743	17.993	165.803	29009.922	33492.023	21.147	22774.578
34.471	1.015	14.784						
11/4/2016 10:30:00 PM	174600.000	72.732	17.993	165.779	28996.385	33476.395	21.136	22763.951
34.487	1.015	14.787						
11/4/2016 10:35:00 PM	174900.000	72.736	17.993	165.788	28999.564	33480.391	21.139	22766.666
34.483	1.015	14.789						
11/4/2016 10:40:00 PM	175200.000	72.736	17.994	165.787	28999.189	33479.504	21.138	22766.064
34.484	1.015	14.790						
11/4/2016 10:45:00 PM	175500.000	72.729	17.993	165.771	28992.830	33472.289	21.133	22761.158
34.491	1.015	14.792						
11/4/2016 10:50:00 PM	175800.000	72.729	17.993	165.772	28993.648	33473.297	21.134	22761.842
34.490	1.015	14.792						
11/4/2016 10:55:00 PM	176100.000	72.732	17.993	165.778	29015.404	33498.289	21.152	22778.838
34.464	1.015	14.792						
11/4/2016 11:00:00 PM	176400.000	72.733	17.993	165.781	29003.652	33484.848	21.142	22769.699
34.478	1.015	14.792						
11/4/2016 11:05:00 PM	176700.000	72.733	17.993	165.782	29003.945	33485.258	21.142	22769.977
34.478	1.015	14.793						
11/4/2016 11:10:00 PM	177000.000	72.729	17.994	165.771	28982.014	33459.543	21.125	22752.490
34.504	1.015	14.794						
11/4/2016 11:15:00 PM	177300.000	72.732	17.993	165.778	29010.318	33492.543	21.148	22774.932
34.470	1.015	14.795						
11/4/2016 11:20:00 PM	177600.000	72.730	17.993	165.775	29015.477	33498.371	21.152	22778.895
34.464	1.015	14.793						
11/4/2016 11:25:00 PM	177900.000	72.736	17.993	165.789	28999.014	33479.621	21.139	22766.145
34.484	1.015	14.792						
11/4/2016 11:30:00 PM	178200.000	72.735	17.993	165.785	29005.043	33486.523	21.143	22770.838
34.477	1.015	14.791						
11/4/2016 11:35:00 PM	178500.000	72.734	17.993	165.784	28996.299	33476.355	21.136	22763.924
34.487	1.015	14.792						
11/4/2016 11:40:00 PM	178800.000	72.735	17.993	165.786	28986.711	33465.359	21.129	22756.447
34.499	1.015	14.793						
11/4/2016 11:45:00 PM	179100.000	72.714	17.993	165.737	29004.318	33485.551	21.143	22770.174
34.478	1.015	14.794						
11/4/2016 11:50:00 PM	179400.000	72.733	17.993	165.780	29002.590	33483.691	21.141	22768.912
34.480	1.015	14.794						
11/4/2016 11:55:00 PM	179700.000	72.735	17.993	165.785	28991.824	33471.191	21.133	22760.410
34.492	1.015	14.795						
11/5/2016 12:00:00 AM	180000.000	72.736	17.993	165.788	28992.273	33471.707	21.133	22760.764
34.492	1.015	14.795						
11/5/2016 12:05:00 AM	180300.000	72.733	17.994	165.781	29006.154	33487.484	21.144	22771.492
34.475	1.015	14.795						
11/5/2016 12:10:00 AM	180600.000	72.733	17.993	165.780	29004.602	33486.016	21.143	22770.490
34.477	1.015	14.795						
11/5/2016 12:15:00 AM	180900.000	72.734	17.993	165.782	29000.340	33480.961	21.140	22767.053
34.482	1.015	14.795						
11/5/2016 12:20:00 AM	181200.000	72.733	17.993	165.781	28989.230	33468.391	21.131	22758.506
34.496	1.015	14.795						
11/5/2016 12:25:00 AM	181500.000	72.740	17.993	165.796	29014.654	33497.621	21.151	22778.383
34.465	1.015	14.796						
11/5/2016 12:30:00 AM	181800.000	72.717	17.993	165.744	28988.094	33466.758	21.130	22757.396
34.497	1.015	14.796						
11/5/2016 12:35:00 AM	182100.000	72.717	17.993	165.744	28997.889	33478.320	21.138	22765.258
34.485	1.015	14.795						
11/5/2016 12:40:00 AM	182400.000	72.739	17.994	165.796	29001.154	33481.715	21.140	22767.566
34.481	1.015	14.794						
11/5/2016 12:45:00 AM	182700.000	72.745	17.993	165.808	28990.691	33469.820	21.132	22759.480
34.494	1.015	14.793						
11/5/2016 12:50:00 AM	183000.000	72.743	17.994	165.804	29014.238	33496.875	21.151	22777.875
34.466	1.015	14.789						
11/5/2016 12:55:00 AM	183300.000	72.752	17.993	165.825	29011.123	33493.348	21.148	22775.479
34.470	1.015	14.785						
11/5/2016 1:00:00 AM	183600.000	72.754	17.993	165.829	28976.613	33453.504	21.120	22748.385
34.511	1.015	14.781						
11/5/2016 1:05:00 AM	183900.000	72.756	17.993	165.832	28994.740	33474.559	21.135	22762.701
34.489	1.015	14.782						
11/5/2016 1:10:00 AM	184200.000	72.757	17.993	165.835	29007.660	33489.348	21.145	22772.756
34.474	1.015	14.783						
11/5/2016 1:15:00 AM	184500.000	72.756	17.994	165.833	29001.469	33482.074	21.140	22767.811
34.481	1.015	14.784						
11/5/2016 1:20:00 AM	184800.000	72.749	17.993	165.818	29012.695	33495.359	21.150	22776.844
34.468	1.015	14.787						
11/5/2016 1:25:00 AM	185100.000	72.736	17.993	165.788	29010.895	33493.336	21.148	22775.471
34.470	1.015	14.790						
11/5/2016 1:30:00 AM	185400.000	72.746	17.994	165.811	28994.061	33473.453	21.134	22761.949
34.490	1.015	14.793						
11/5/2016 1:35:00 AM	185700.000	72.751	17.993	165.822	29010.588	33492.789	21.148	22775.100
34.470	1.015	14.791						
11/5/2016 1:40:00 AM	186000.000	72.754	17.993	165.829	29009.758	33491.969	21.147	22774.539
34.471	1.015	14.789						
11/5/2016 1:45:00 AM	186300.000	72.759	17.993	165.839	29010.686	33492.902	21.148	22775.176
34.470	1.015	14.788						
11/5/2016 1:50:00 AM	186600.000	72.761	17.994	165.845	28998.391	33478.523	21.138	22765.398
34.485	1.015	14.787						
11/5/2016 1:55:00 AM	186900.000	72.764	17.993	165.852	29009.668	33491.668	21.147	22774.336
34.471	1.015	14.786						
11/5/2016 2:00:00 AM	187200.000	72.767	17.993	165.858	28994.893	33475.125	21.135	22763.086
34.489	1.015	14.785						
11/5/2016 2:05:00 AM	187500.000	72.760	17.994	165.842	28994.402	33473.785	21.135	22762.174
34.489	1.015	14.785						
11/5/2016 2:10:00 AM	187800.000	72.764	17.993	165.853	29000.455	33481.094	21.140	22767.145
34.482	1.015	14.786						
11/5/2016 2:15:00 AM	188100.000	72.765	17.994	165.854	29002.750	33483.613	21.141	22768.857
34.479	1.015	14.786						
11/5/2016 2:20:00 AM	188400.000	72.769	17.993	165.863	28997.318	33477.664	21.137	22764.814
34.486	1.015	14.784						
11/5/2016 2:25:00 AM	188700.000	72.774	17.993	165.874	29008.158	33490.313	21.146	22773.412
34.473	1.015	14.782						
11/5/2016 2:30:00 AM	189000.000	72.780	17.993	165.888	29004.834	33486.211	21.143	22770.625
34.477	1.015	14.781						
11/5/2016 2:35:00 AM	189300.000	72.777	17.993	165.881	28998.813	33479.258	21.138	22765.898
34.484	1.015	14.781						
11/5/2016 2:40:00 AM	189600.000	72.778	17.993	165.883	28994.975	33475.023	21.135	22763.018
34.489	1.015	14.782						
11/5/2016 2:45:00 AM	189900.000	72.776	17.993	165.879	29018.871	33502.414	21.154	22781.643
34.460	1.015	14.783						
11/5/2016 2:50:00 AM	190200.000	72.780	17.993	165.889	28995.844	33475.961	21.136	22763.654
34.488	1.015	14.782						
11/5/2016 2:55:00 AM	190500.000	72.766	17.994	165.857	28995.910	33475.660	21.136	22763.451
34.488	1.015	14.782						
11/5/2016 3:00:00 AM	190800.000	72.784	17.993	165.898	28996.086	33476.238	21.136	22763.844
34.487	1.015	14.781						
11/5/2016 3:05:00 AM	191100.000	72.785	17.993	165.899	28995.984	33475.930	21.136	22763.633
34.488	1.015	14.783						
11/5/2016 3:10:00 AM	191400.000	72.786	17.993	165.901	29003.889	33485.246	21.142	22769.969
34.478	1.015	14.784						
11/5/2016 3:15:00 AM	191700.000	72.788	17.994	165.907	29001.457	33481.992	21.140	22767.758
34.481	1.015	14.785						
11/5/2016 3:20:00 AM	192000.000	72.797	17.993	165.926	28990.248	33469.691	21.132	22759.393
34.494	1.015	14.785						
11/5/2016 3:25:00 AM	192300.000	72.792	17.994	165.915	29007.080	33488.613	21.145	22772.258
34.474	1.015	14.784						
11/5/2016 3:30:00 AM	192600.000	72.779	17.993	165.886	29001.320	33482.547	21.141	22768.133
34.481	1.015	14.783						
11/5/2016 3:35:00 AM	192900.000	72.776	17.993	165.878	29012.074	33494.570	21.149	22776.311
34.468	1.015	14.785						

11/5/2016 3:40:00 AM	193200.000	72.790	17.993	165.911	28998.918	33479.254	21.138	22765.895
34.484	1.015	14.787						
11/5/2016 3:45:00 AM	193500.000	72.794	17.993	165.919	29001.043	33481.906	21.140	22767.699
34.482	1.015	14.788						
11/5/2016 3:50:00 AM	193800.000	72.791	17.993	165.914	28993.332	33473.125	21.134	22761.727
34.491	1.015	14.789						
11/5/2016 3:55:00 AM	194100.000	72.793	17.994	165.917	29001.576	33482.129	21.140	22767.850
34.481	1.015	14.789						
11/5/2016 4:00:00 AM	194400.000	72.798	17.993	165.930	29002.326	33483.387	21.141	22768.703
34.480	1.015	14.789						
11/5/2016 4:05:00 AM	194700.000	72.798	17.994	165.929	29013.533	33496.063	21.150	22777.322
34.467	1.015	14.787						
11/5/2016 4:10:00 AM	195000.000	72.796	17.993	165.925	28995.818	33475.676	21.136	22763.461
34.488	1.015	14.786						
11/5/2016 4:15:00 AM	195300.000	72.781	17.993	165.891	28988.898	33467.688	21.130	22758.027
34.496	1.015	14.785						
11/5/2016 4:20:00 AM	195600.000	72.802	17.994	165.939	28986.504	33464.855	21.128	22756.104
34.499	1.015	14.782						
11/5/2016 4:25:00 AM	195900.000	72.783	17.994	165.895	28996.730	33476.535	21.136	22764.045
34.487	1.015	14.780						
11/5/2016 4:30:00 AM	196200.000	72.809	17.993	165.954	28991.797	33471.160	21.133	22760.389
34.493	1.015	14.778						
11/5/2016 4:35:00 AM	196500.000	72.794	17.993	165.920	28995.838	33475.699	21.136	22763.477
34.488	1.015	14.777						
11/5/2016 4:40:00 AM	196800.000	72.808	17.993	165.952	29011.150	33493.824	21.148	22775.803
34.470	1.015	14.775						
11/5/2016 4:45:00 AM	197100.000	72.795	17.994	165.922	28984.502	33462.547	21.127	22754.531
34.501	1.015	14.774						
11/5/2016 4:50:00 AM	197400.000	72.820	17.993	165.980	28997.123	33477.504	21.137	22764.703
34.486	1.015	14.774						
11/5/2016 4:55:00 AM	197700.000	72.794	17.993	165.921	28996.064	33476.023	21.136	22763.697
34.487	1.015	14.774						
11/5/2016 5:00:00 AM	198000.000	72.812	17.993	165.960	29010.049	33492.305	21.147	22774.770
34.471	1.015	14.773						
11/5/2016 5:05:00 AM	198300.000	72.794	17.993	165.920	28992.627	33472.191	21.133	22761.092
34.492	1.015	14.772						
11/5/2016 5:10:00 AM	198600.000	72.804	17.994	165.944	28981.490	33459.012	21.124	22752.131
34.505	1.015	14.770						
11/5/2016 5:15:00 AM	198900.000	72.818	17.993	165.976	28996.438	33476.391	21.136	22763.947
34.487	1.015	14.769						
11/5/2016 5:20:00 AM	199200.000	72.818	17.993	165.975	28992.896	33472.500	21.134	22761.301
34.491	1.015	14.769						
11/5/2016 5:25:00 AM	199500.000	72.825	17.993	165.990	29006.764	33488.566	21.145	22772.227
34.475	1.015	14.770						
11/5/2016 5:30:00 AM	199800.000	72.823	17.993	165.986	28991.973	33471.492	21.133	22760.617
34.492	1.015	14.770						
11/5/2016 5:35:00 AM	200100.000	72.824	17.993	165.988	29004.557	33485.891	21.143	22770.406
34.477	1.015	14.770						
11/5/2016 5:40:00 AM	200400.000	72.824	17.993	165.987	29015.707	33498.836	21.152	22779.209
34.464	1.015	14.769						
11/5/2016 5:45:00 AM	200700.000	72.825	17.993	165.991	28996.061	33476.211	21.136	22763.824
34.487	1.015	14.769						
11/5/2016 5:50:00 AM	201000.000	72.828	17.993	165.998	29001.250	33482.074	21.140	22767.811
34.481	1.015	14.768						
11/5/2016 5:55:00 AM	201300.000	72.829	17.993	165.999	28997.693	33478.414	21.138	22765.324
34.486	1.015	14.768						
11/5/2016 6:00:00 AM	201600.000	72.828	17.993	165.998	28997.291	33477.438	21.137	22764.660
34.486	1.015	14.767						
11/5/2016 6:05:00 AM	201900.000	72.812	17.993	165.960	28988.154	33466.953	21.130	22757.529
34.497	1.015	14.768						
11/5/2016 6:10:00 AM	202200.000	72.833	17.993	166.008	29005.490	33486.844	21.144	22771.055
34.476	1.015	14.769						
11/5/2016 6:15:00 AM	202500.000	72.810	17.993	165.955	29002.623	33483.730	21.141	22768.938
34.480	1.015	14.771						
11/5/2016 6:20:00 AM	202800.000	72.826	17.994	165.994	28997.422	33477.461	21.137	22764.676
34.486	1.015	14.771						
11/5/2016 6:25:00 AM	203100.000	72.823	17.993	165.987	28999.430	33480.102	21.139	22766.471
34.483	1.015	14.772						
11/5/2016 6:30:00 AM	203400.000	72.828	17.993	165.998	29005.980	33487.664	21.144	22771.611
34.476	1.015	14.773						
11/5/2016 6:35:00 AM	203700.000	72.824	17.993	165.989	29001.711	33482.926	21.141	22768.393
34.481	1.015	14.772						
11/5/2016 6:40:00 AM	204000.000	72.830	17.993	166.001	28994.963	33474.750	21.135	22762.830
34.489	1.015	14.772						
11/5/2016 6:45:00 AM	204300.000	72.831	17.993	166.005	29014.408	33497.262	21.151	22778.139
34.466	1.015	14.772						
11/5/2016 6:50:00 AM	204600.000	72.808	17.993	165.953	29003.455	33484.691	21.142	22769.590
34.479	1.015	14.772						
11/5/2016 6:55:00 AM	204900.000	72.825	17.993	165.991	29003.000	33484.414	21.142	22769.404
34.479	1.015	14.771						
11/5/2016 7:00:00 AM	205200.000	72.832	17.993	166.007	28998.025	33478.477	21.138	22765.365
34.485	1.015	14.771						
11/5/2016 7:05:00 AM	205500.000	72.851	17.994	166.051	29004.402	33485.520	21.143	22770.154
34.478	1.015	14.772						
11/5/2016 7:10:00 AM	205800.000	72.829	17.994	166.000	29002.393	33483.199	21.141	22768.578
34.480	1.015	14.773						
11/5/2016 7:15:00 AM	206100.000	72.833	17.994	166.009	29000.568	33481.035	21.140	22767.105
34.482	1.015	14.774						
11/5/2016 7:20:00 AM	206400.000	72.839	17.993	166.022	28988.184	33466.863	21.130	22757.467
34.497	1.015	14.774						
11/5/2016 7:25:00 AM	206700.000	72.835	17.993	166.014	29010.611	33492.816	21.148	22775.115
34.470	1.015	14.774						
11/5/2016 7:30:00 AM	207000.000	72.836	17.993	166.017	29016.604	33499.871	21.153	22779.912
34.463	1.015	14.774						
11/5/2016 7:35:00 AM	207300.000	72.832	17.993	166.006	28993.648	33473.172	21.134	22761.760
34.490	1.015	14.773						
11/5/2016 7:40:00 AM	207600.000	72.820	17.993	165.979	28998.236	33478.668	21.138	22765.496
34.485	1.015	14.772						
11/5/2016 7:45:00 AM	207900.000	72.832	17.993	166.007	29014.174	33496.930	21.151	22777.914
34.466	1.015	14.770						
11/5/2016 7:50:00 AM	208200.000	72.835	17.994	166.013	28995.533	33475.281	21.136	22763.193
34.488	1.015	14.771						
11/5/2016 7:55:00 AM	208500.000	72.841	17.993	166.027	28995.729	33475.699	21.136	22763.477
34.488	1.015	14.772						
11/5/2016 8:00:00 AM	208800.000	72.839	17.993	166.023	29000.473	33481.176	21.140	22767.201
34.482	1.015	14.773						
11/5/2016 8:05:00 AM	209100.000	72.817	17.994	165.973	28988.967	33467.699	21.130	22758.035
34.496	1.015	14.774						
11/5/2016 8:10:00 AM	209400.000	72.835	17.994	166.013	28994.967	33474.629	21.135	22762.748
34.489	1.015	14.774						
11/5/2016 8:15:00 AM	209700.000	72.836	17.993	166.016	28983.994	33462.027	21.126	22754.182
34.502	1.015	14.775						
11/5/2016 8:20:00 AM	210000.000	72.839	17.993	166.023	29005.600	33487.289	21.144	22771.359
34.476	1.015	14.774						
11/5/2016 8:25:00 AM	210300.000	72.815	17.993	165.967	29015.494	33498.590	21.152	22779.041
34.464	1.015	14.772						
11/5/2016 8:30:00 AM	210600.000	72.834	17.993	166.011	28994.119	33473.840	21.135	22762.213
34.490	1.015	14.771						
11/5/2016 8:35:00 AM	210900.000	72.842	17.994	166.030	29000.324	33480.684	21.139	22766.867
34.482	1.015	14.772						
11/5/2016 8:40:00 AM	211200.000	72.834	17.994	166.012	28997.438	33477.422	21.137	22764.648
34.486	1.015	14.773						
11/5/2016 8:45:00 AM	211500.000	72.836	17.993	166.017	28993.459	33473.273	21.134	22761.828
34.491	1.015	14.774						
11/5/2016 8:50:00 AM	211800.000	72.841	17.993	166.026	29005.215	33487.160	21.144	22771.271
34.477	1.015	14.772						
11/5/2016 8:55:00 AM	212100.000	72.842	17.994	166.030	28991.896	33470.820	21.132	22760.158
34.492	1.015	14.771						
11/5/2016 9:00:00 AM	212400.000	72.840	17.993	166.024	29007.355	33489.387	21.145	22772.785
34.474	1.015	14.769						
11/5/2016 9:05:00 AM	212700.000	72.842	17.993	166.029	29011.475	33493.875	21.148	22775.838
34.469	1.015	14.768						
11/5/2016 9:10:00 AM	213000.000	72.848	17.993	166.042	29006.654	33488.441	21.145	22772.143

34.475	1.015	14.768						
11/5/2016 9:15:00 AM	213300.000	72.845	17.993	166.035	28989.693	33468.926	21.131	22758.871
34.495	1.015	14.767						
11/5/2016 9:20:00 AM	213600.000	72.848	17.993	166.042	29000.129	33480.715	21.139	22766.887
34.483	1.015	14.768						
11/5/2016 9:25:00 AM	213900.000	72.850	17.994	166.048	29012.877	33495.246	21.149	22776.768
34.467	1.015	14.768						
11/5/2016 9:30:00 AM	214200.000	72.846	17.993	166.039	28993.223	33472.680	21.134	22761.424
34.491	1.015	14.769						
11/5/2016 9:35:00 AM	214500.000	72.850	17.993	166.047	29001.672	33482.754	21.141	22768.273
34.481	1.015	14.771						
11/5/2016 9:40:00 AM	214800.000	72.845	17.994	166.037	28993.191	33472.520	21.134	22761.316
34.491	1.015	14.773						
11/5/2016 9:45:00 AM	215100.000	72.843	17.993	166.033	29001.396	33482.371	21.140	22768.014
34.481	1.015	14.775						
11/5/2016 9:50:00 AM	215400.000	72.846	17.993	166.038	29005.934	33487.355	21.144	22771.404
34.476	1.015	14.779						
11/5/2016 9:55:00 AM	215700.000	72.845	17.994	166.037	28994.945	33474.473	21.135	22762.645
34.489	1.015	14.782						
11/5/2016 10:00:00 AM	216000.000	72.857	17.993	166.063	28993.518	33473.082	21.134	22761.695
34.490	1.015	14.786						
11/5/2016 10:05:00 AM	216300.000	72.843	17.993	166.032	29002.209	33483.117	21.141	22768.520
34.480	1.015	14.782						
11/5/2016 10:10:00 AM	216600.000	72.851	17.993	166.050	28999.418	33480.031	21.139	22766.422
34.483	1.015	14.778						
11/5/2016 10:15:00 AM	216900.000	72.857	17.993	166.064	29003.211	33484.273	21.142	22769.309
34.479	1.015	14.774						
11/5/2016 10:20:00 AM	217200.000	72.856	17.994	166.061	29008.607	33490.246	21.146	22773.369
34.473	1.015	14.774						
11/5/2016 10:25:00 AM	217500.000	72.857	17.994	166.064	29016.707	33499.727	21.153	22779.816
34.463	1.015	14.774						
11/5/2016 10:30:00 AM	217800.000	72.860	17.993	166.071	29004.000	33485.184	21.142	22769.926
34.478	1.015	14.774						
11/5/2016 10:35:00 AM	218100.000	72.859	17.993	166.069	28996.320	33476.512	21.136	22764.029
34.487	1.015	14.776						
11/5/2016 10:40:00 AM	218400.000	72.840	17.993	166.025	29011.334	33493.590	21.148	22775.643
34.469	1.015	14.779						
11/5/2016 10:45:00 AM	218700.000	72.835	17.994	166.013	28994.139	33473.613	21.134	22762.059
34.490	1.015	14.781						
11/5/2016 10:50:00 AM	219000.000	72.861	17.994	166.074	29009.072	33490.910	21.146	22773.818
34.472	1.015	14.780						
11/5/2016 10:55:00 AM	219300.000	72.840	17.993	166.025	29018.721	33502.316	21.154	22781.578
34.461	1.015	14.780						
11/5/2016 11:00:00 AM	219600.000	72.863	17.993	166.077	29003.098	33484.277	21.142	22769.311
34.479	1.015	14.779						
11/5/2016 11:05:00 AM	219900.000	72.840	17.993	166.024	29000.799	33481.551	21.140	22767.457
34.482	1.015	14.781						
11/5/2016 11:10:00 AM	220200.000	72.861	17.993	166.072	28993.201	33472.781	21.134	22761.494
34.491	1.015	14.783						
11/5/2016 11:15:00 AM	220500.000	72.859	17.993	166.067	29007.666	33489.609	21.146	22772.936
34.474	1.015	14.785						
11/5/2016 11:20:00 AM	220800.000	72.861	17.993	166.072	29011.000	33493.328	21.148	22775.463
34.470	1.015	14.785						
11/5/2016 11:25:00 AM	221100.000	72.861	17.993	166.072	28999.447	33480.121	21.139	22766.482
34.483	1.015	14.785						
11/5/2016 11:30:00 AM	221400.000	72.858	17.994	166.066	29005.047	33486.266	21.143	22770.660
34.477	1.015	14.786						
11/5/2016 11:35:00 AM	221700.000	72.864	17.994	166.079	28995.006	33474.672	21.135	22762.779
34.489	1.015	14.784						
11/5/2016 11:40:00 AM	222000.000	72.866	17.994	166.084	29004.842	33485.898	21.143	22770.412
34.477	1.015	14.782						
11/5/2016 11:45:00 AM	222300.000	72.870	17.993	166.094	28999.836	33480.512	21.139	22766.748
34.483	1.015	14.780						
11/5/2016 11:50:00 AM	222600.000	72.868	17.994	166.088	28993.533	33472.781	21.134	22761.494
34.490	1.015	14.782						
11/5/2016 11:55:00 AM	222900.000	72.870	17.993	166.092	28990.230	33469.227	21.131	22759.074
34.494	1.015	14.784						
11/5/2016 12:00:00 PM	223200.000	72.852	17.994	166.053	29003.410	33484.184	21.142	22769.246
34.479	1.015	14.786						
11/5/2016 12:05:00 PM	223500.000	72.873	17.993	166.099	28996.000	33476.277	21.136	22763.871
34.488	1.015	14.786						
11/5/2016 12:10:00 PM	223800.000	72.875	17.993	166.104	29000.410	33481.039	21.140	22767.109
34.482	1.015	14.785						
11/5/2016 12:15:00 PM	224100.000	72.875	17.993	166.104	28997.277	33477.422	21.137	22764.648
34.486	1.015	14.785						
11/5/2016 12:20:00 PM	224400.000	72.874	17.993	166.101	28997.125	33477.574	21.137	22764.752
34.486	1.015	14.784						
11/5/2016 12:25:00 PM	224700.000	72.877	17.993	166.109	29008.314	33490.105	21.146	22773.273
34.473	1.015	14.784						
11/5/2016 12:30:00 PM	225000.000	72.876	17.994	166.107	29000.266	33480.688	21.139	22766.869
34.482	1.015	14.784						
11/5/2016 12:35:00 PM	225300.000	72.858	17.994	166.066	29001.924	33482.469	21.141	22768.080
34.480	1.015	14.782						
11/5/2016 12:40:00 PM	225600.000	72.881	17.994	166.118	29005.914	33487.137	21.144	22771.256
34.476	1.015	14.781						
11/5/2016 12:45:00 PM	225900.000	72.885	17.993	166.128	29006.973	33488.809	21.145	22772.393
34.474	1.015	14.780						
11/5/2016 12:50:00 PM	226200.000	72.885	17.993	166.128	29010.459	33492.703	21.148	22775.039
34.470	1.015	14.779						
11/5/2016 12:55:00 PM	226500.000	72.870	17.993	166.094	29009.170	33491.344	21.147	22774.115
34.472	1.015	14.779						
11/5/2016 1:00:00 PM	226800.000	72.869	17.993	166.090	29016.625	33499.824	21.153	22779.883
34.463	1.015	14.778						
11/5/2016 1:05:00 PM	227100.000	72.891	17.994	166.142	28989.590	33468.418	21.131	22758.525
34.495	1.015	14.779						
11/5/2016 1:10:00 PM	227400.000	72.888	17.993	166.135	28996.867	33477.332	21.137	22764.588
34.486	1.015	14.779						
11/5/2016 1:15:00 PM	227700.000	72.885	17.993	166.127	29000.912	33481.684	21.140	22767.545
34.482	1.015	14.780						
11/5/2016 1:20:00 PM	228000.000	72.871	17.994	166.095	29004.600	33485.617	21.143	22770.223
34.477	1.015	14.781						
11/5/2016 1:25:00 PM	228300.000	72.889	17.994	166.137	29004.828	33486.012	21.143	22770.488
34.477	1.015	14.781						
11/5/2016 1:30:00 PM	228600.000	72.874	17.993	166.103	28997.955	33478.145	21.138	22765.141
34.485	1.015	14.781						
11/5/2016 1:35:00 PM	228900.000	72.890	17.993	166.138	29012.998	33495.512	21.150	22776.949
34.467	1.015	14.781						
11/5/2016 1:40:00 PM	229200.000	72.885	17.993	166.128	29005.326	33486.906	21.144	22771.098
34.476	1.015	14.781						
11/5/2016 1:45:00 PM	229500.000	72.891	17.993	166.141	28993.936	33473.629	21.134	22762.070
34.490	1.015	14.780						
11/5/2016 1:50:00 PM	229800.000	72.893	17.993	166.145	28997.295	33477.508	21.137	22764.705
34.486	1.015	14.780						
11/5/2016 1:55:00 PM	230100.000	72.896	17.993	166.152	29013.883	33496.922	21.151	22777.906
34.466	1.015	14.779						
11/5/2016 2:00:00 PM	230400.000	72.896	17.993	166.154	29013.168	33496.098	21.150	22777.348
34.467	1.015	14.778						
11/5/2016 2:05:00 PM	230700.000	72.898	17.993	166.157	29011.031	33493.492	21.148	22775.576
34.470	1.015	14.779						
11/5/2016 2:10:00 PM	231000.000	72.899	17.994	166.160	29005.230	33486.348	21.143	22770.717
34.477	1.015	14.779						
11/5/2016 2:15:00 PM	231300.000	72.902	17.994	166.165	28986.449	33464.793	21.128	22756.061
34.499	1.015	14.780						
11/5/2016 2:20:00 PM	231600.000	72.900	17.994	166.162	28980.031	33457.125	21.123	22750.848
34.507	1.015	14.781						
11/5/2016 2:25:00 PM	231900.000	72.892	17.993	166.144	28997.768	33478.180	21.138	22765.164
34.485	1.015	14.783						
11/5/2016 2:30:00 PM	232200.000	72.897	17.993	166.154	28997.984	33478.496	21.138	22765.379
34.485	1.015	14.784						
11/5/2016 2:35:00 PM	232500.000	72.900	17.993	166.161	28998.861	33479.254	21.138	22765.895
34.484	1.015	14.781						
11/5/2016 2:40:00 PM	232800.000	72.903	17.994	166.169	28982.309	33459.957	21.125	22752.773
34.504	1.015	14.777						

11/5/2016 2:45:00 PM	233100.000	72.909	17.993	166.182	29005.059	33486.406	21.143	22770.758
34.477	1.015	14.773						
11/5/2016 2:50:00 PM	233400.000	72.909	17.993	166.182	28975.104	33451.961	21.119	22747.336
34.512	1.015	14.773						
11/5/2016 2:55:00 PM	233700.000	72.911	17.993	166.187	29002.010	33482.824	21.141	22768.322
34.480	1.015	14.773						
11/5/2016 3:00:00 PM	234000.000	72.911	17.994	166.187	28994.840	33474.289	21.135	22762.518
34.489	1.015	14.773						
11/5/2016 3:05:00 PM	234300.000	72.910	17.993	166.184	28999.354	33479.758	21.139	22766.236
34.484	1.015	14.775						
11/5/2016 3:10:00 PM	234600.000	72.907	17.993	166.177	29006.574	33488.219	21.145	22771.990
34.475	1.015	14.777						
11/5/2016 3:15:00 PM	234900.000	72.902	17.993	166.166	28987.365	33466.172	21.129	22757.000
34.498	1.015	14.779						
11/5/2016 3:20:00 PM	235200.000	72.901	17.993	166.165	29002.367	33483.559	21.141	22768.822
34.480	1.015	14.779						
11/5/2016 3:25:00 PM	235500.000	72.905	17.993	166.173	29009.314	33491.320	21.147	22774.100
34.472	1.015	14.778						
11/5/2016 3:30:00 PM	235800.000	72.910	17.993	166.184	29001.162	33482.043	21.140	22767.789
34.481	1.015	14.778						
11/5/2016 3:35:00 PM	236100.000	72.892	17.993	166.143	28993.752	33473.488	21.134	22761.975
34.490	1.015	14.776						
11/5/2016 3:40:00 PM	236400.000	72.911	17.994	166.186	28992.262	33471.504	21.133	22760.623
34.492	1.015	14.774						
11/5/2016 3:45:00 PM	236700.000	72.909	17.994	166.183	28995.055	33474.730	21.135	22762.816
34.489	1.015	14.772						
11/5/2016 3:50:00 PM	237000.000	72.906	17.993	166.175	28992.758	33472.270	21.133	22761.143
34.491	1.015	14.773						
11/5/2016 3:55:00 PM	237300.000	72.913	17.993	166.192	29019.615	33503.473	21.155	22782.361
34.459	1.015	14.774						
11/5/2016 4:00:00 PM	237600.000	72.907	17.994	166.177	29011.596	33493.695	21.148	22775.715
34.469	1.015	14.775						
11/5/2016 4:05:00 PM	237900.000	72.906	17.994	166.176	28992.928	33472.273	21.133	22761.148
34.491	1.015	14.774						
11/5/2016 4:10:00 PM	238200.000	72.914	17.993	166.193	28988.656	33467.410	21.130	22757.842
34.496	1.015	14.773						
11/5/2016 4:15:00 PM	238500.000	72.912	17.993	166.190	28993.813	33473.359	21.134	22761.887
34.490	1.015	14.773						
11/5/2016 4:20:00 PM	238800.000	72.910	17.993	166.185	28983.824	33461.828	21.126	22754.043
34.502	1.015	14.775						
11/5/2016 4:25:00 PM	239100.000	72.902	17.993	166.166	28996.941	33477.227	21.137	22764.516
34.486	1.015	14.777						
11/5/2016 4:30:00 PM	239400.000	72.897	17.993	166.156	29005.629	33487.004	21.144	22771.164
34.476	1.015	14.779						
11/5/2016 4:35:00 PM	239700.000	72.896	17.993	166.153	28989.908	33468.914	21.131	22758.861
34.495	1.015	14.779						
11/5/2016 4:40:00 PM	240000.000	72.901	17.993	166.163	28993.959	33473.594	21.134	22762.047
34.490	1.015	14.778						
11/5/2016 4:45:00 PM	240300.000	72.898	17.994	166.156	29028.000	33512.633	21.162	22788.592
34.449	1.015	14.777						
11/5/2016 4:50:00 PM	240600.000	72.899	17.993	166.159	29000.107	33481.020	21.140	22767.096
34.483	1.015	14.776						
11/5/2016 4:55:00 PM	240900.000	72.897	17.993	166.155	28987.756	33466.813	21.130	22757.436
34.497	1.015	14.775						
11/5/2016 5:00:00 PM	241200.000	72.896	17.993	166.152	29002.848	33483.855	21.142	22769.021
34.479	1.015	14.774						
11/5/2016 5:05:00 PM	241500.000	72.901	17.993	166.164	29006.873	33488.563	21.145	22772.225
34.475	1.015	14.772						
11/5/2016 5:10:00 PM	241800.000	72.892	17.994	166.143	29004.008	33485.008	21.142	22769.807
34.478	1.015	14.770						
11/5/2016 5:15:00 PM	242100.000	72.894	17.994	166.147	28999.082	33479.379	21.138	22765.980
34.484	1.015	14.769						
11/5/2016 5:20:00 PM	242400.000	72.891	17.993	166.140	28993.201	33472.656	21.134	22761.408
34.491	1.015	14.767						
11/5/2016 5:25:00 PM	242700.000	72.897	17.993	166.155	29001.834	33482.684	21.141	22768.227
34.481	1.015	14.766						
11/5/2016 5:30:00 PM	243000.000	72.892	17.993	166.143	29014.291	33497.129	21.151	22778.049
34.466	1.015	14.765						
11/5/2016 5:35:00 PM	243300.000	72.894	17.993	166.147	29001.318	33482.348	21.140	22767.998
34.481	1.015	14.766						
11/5/2016 5:40:00 PM	243600.000	72.891	17.993	166.141	29020.908	33504.645	21.156	22783.160
34.458	1.015	14.766						
11/5/2016 5:45:00 PM	243900.000	72.884	17.993	166.125	29012.191	33494.898	21.149	22776.533
34.468	1.015	14.767						
11/5/2016 5:50:00 PM	244200.000	72.863	17.993	166.077	29002.258	33483.234	21.141	22768.600
34.480	1.015	14.767						
11/5/2016 5:55:00 PM	244500.000	72.885	17.993	166.127	28996.467	33476.426	21.136	22763.971
34.487	1.015	14.767						
11/5/2016 6:00:00 PM	244800.000	72.879	17.993	166.113	28993.955	33473.648	21.134	22762.084
34.490	1.015	14.767						
11/5/2016 6:05:00 PM	245100.000	72.879	17.993	166.113	28997.730	33478.273	21.138	22765.229
34.485	1.015	14.765						
11/5/2016 6:10:00 PM	245400.000	72.860	17.993	166.070	29002.750	33484.000	21.142	22769.123
34.479	1.015	14.763						
11/5/2016 6:15:00 PM	245700.000	72.861	17.993	166.072	28987.697	33466.301	21.129	22757.086
34.497	1.015	14.760						
11/5/2016 6:20:00 PM	246000.000	72.880	17.993	166.116	29007.922	33489.652	21.146	22772.965
34.473	1.015	14.760						
11/5/2016 6:25:00 PM	246300.000	72.877	17.993	166.109	28992.934	33472.543	21.134	22761.332
34.491	1.015	14.760						
11/5/2016 6:30:00 PM	246600.000	72.873	17.994	166.100	28990.906	33469.938	21.132	22759.561
34.494	1.015	14.759						
11/5/2016 6:35:00 PM	246900.000	72.873	17.993	166.100	29006.416	33488.109	21.144	22771.916
34.475	1.015	14.759						
11/5/2016 6:40:00 PM	247200.000	72.872	17.993	166.099	29011.029	33493.492	21.148	22775.576
34.470	1.015	14.758						
11/5/2016 6:45:00 PM	247500.000	72.870	17.993	166.093	29023.529	33507.922	21.158	22785.387
34.455	1.015	14.757						
11/5/2016 6:50:00 PM	247800.000	72.864	17.993	166.080	28990.875	33470.094	21.132	22759.664
34.494	1.015	14.761						
11/5/2016 6:55:00 PM	248100.000	72.858	17.993	166.067	29001.082	33481.879	21.140	22767.680
34.481	1.015	14.764						
11/5/2016 7:00:00 PM	248400.000	72.857	17.994	166.063	29018.408	33501.633	21.154	22781.113
34.461	1.015	14.767						
11/5/2016 7:05:00 PM	248700.000	72.837	17.993	166.019	29006.939	33488.516	21.145	22772.191
34.475	1.015	14.766						
11/5/2016 7:10:00 PM	249000.000	72.855	17.993	166.058	29003.795	33485.207	21.142	22769.943
34.478	1.015	14.764						
11/5/2016 7:15:00 PM	249300.000	72.833	17.993	166.009	28993.518	33473.020	21.134	22761.656
34.490	1.015	14.763						
11/5/2016 7:20:00 PM	249600.000	72.853	17.994	166.055	28992.996	33472.352	21.134	22761.199
34.491	1.015	14.761						
11/5/2016 7:25:00 PM	249900.000	72.856	17.993	166.062	28999.527	33480.020	21.139	22766.414
34.483	1.015	14.759						
11/5/2016 7:30:00 PM	250200.000	72.853	17.993	166.054	28987.770	33466.508	21.129	22757.225
34.497	1.015	14.757						
11/5/2016 7:35:00 PM	250500.000	72.845	17.993	166.036	28993.475	33473.293	21.134	22761.840
34.491	1.015	14.759						
11/5/2016 7:40:00 PM	250800.000	72.846	17.993	166.039	29003.406	33484.563	21.142	22769.502
34.479	1.015	14.761						
11/5/2016 7:45:00 PM	251100.000	72.836	17.993	166.016	29004.398	33485.582	21.143	22770.197
34.478	1.015	14.763						
11/5/2016 7:50:00 PM	251400.000	72.834	17.993	166.011	29004.092	33485.352	21.143	22770.041
34.478	1.015	14.761						
11/5/2016 7:55:00 PM	251700.000	72.834	17.994	166.011	29005.256	33486.504	21.143	22770.822
34.477	1.015	14.760						
11/5/2016 8:00:00 PM	252000.000	72.834	17.993	166.011	28990.893	33470.113	21.132	22759.678
34.494	1.015	14.759						
11/5/2016 8:05:00 PM	252300.000	72.826	17.993	165.994	29005.166	33486.668	21.143	22770.936
34.477	1.015	14.761						
11/5/2016 8:10:00 PM	252600.000	72.827	17.993	165.995	28994.605	33474.402	21.135	22762.594
34.489	1.015	14.763						
11/5/2016 8:15:00 PM	252900.000	72.826	17.994	165.992	28990.094	33468.871	21.131	22758.832

34.495	1.015	14.766						
11/5/2016 8:20:00 PM	253200.000	72.823	17.994	165.987	28999.846	33480.070	21.139	22766.449
34.483	1.015	14.765						
11/5/2016 8:25:00 PM	253500.000	72.820	17.993	165.979	29001.826	33482.813	21.141	22768.314
34.481	1.015	14.765						
11/5/2016 8:30:00 PM	253800.000	72.817	17.993	165.972	29003.006	33484.297	21.142	22769.324
34.479	1.015	14.764						
11/5/2016 8:35:00 PM	254100.000	72.819	17.994	165.976	29000.568	33481.094	21.140	22767.145
34.482	1.015	14.761						
11/5/2016 8:40:00 PM	254400.000	72.817	17.993	165.973	28997.076	33477.328	21.137	22764.586
34.486	1.015	14.758						
11/5/2016 8:45:00 PM	254700.000	72.824	17.993	165.988	29008.516	33490.781	21.146	22773.732
34.473	1.015	14.755						
11/5/2016 8:50:00 PM	255000.000	72.814	17.994	165.966	28988.658	33467.082	21.130	22757.615
34.496	1.015	14.758						
11/5/2016 8:55:00 PM	255300.000	72.812	17.993	165.960	29002.223	33483.461	21.141	22768.756
34.480	1.015	14.761						
11/5/2016 9:00:00 PM	255600.000	72.802	17.993	165.938	29021.643	33505.688	21.157	22783.869
34.457	1.015	14.764						
11/5/2016 9:05:00 PM	255900.000	72.804	17.994	165.944	28990.848	33469.871	21.132	22759.512
34.494	1.015	14.762						
11/5/2016 9:10:00 PM	256200.000	72.800	17.993	165.934	29001.078	33481.949	21.140	22767.727
34.481	1.015	14.761						
11/5/2016 9:15:00 PM	256500.000	72.803	17.993	165.941	28999.596	33480.102	21.139	22766.471
34.483	1.015	14.759						
11/5/2016 9:20:00 PM	256800.000	72.800	17.993	165.935	29017.461	33501.055	21.153	22780.719
34.462	1.015	14.759						
11/5/2016 9:25:00 PM	257100.000	72.799	17.993	165.931	28992.711	33472.410	21.134	22761.240
34.491	1.015	14.759						
11/5/2016 9:30:00 PM	257400.000	72.795	17.994	165.922	28996.107	33475.887	21.136	22763.605
34.487	1.015	14.759						
11/5/2016 9:35:00 PM	257700.000	72.777	17.993	165.880	29001.250	33481.949	21.140	22767.727
34.481	1.015	14.760						
11/5/2016 9:40:00 PM	258000.000	72.795	17.993	165.922	28999.846	33480.715	21.139	22766.887
34.483	1.015	14.761						
11/5/2016 9:45:00 PM	258300.000	72.792	17.993	165.916	28997.617	33478.273	21.138	22765.229
34.486	1.015	14.761						
11/5/2016 9:50:00 PM	258600.000	72.785	17.993	165.899	28998.396	33478.715	21.138	22765.525
34.485	1.015	14.763						
11/5/2016 9:55:00 PM	258900.000	72.783	17.993	165.894	28999.928	33480.621	21.139	22766.822
34.483	1.015	14.765						
11/5/2016 10:00:00 PM	259200.000	72.783	17.993	165.895	28992.676	33472.109	21.133	22761.035
34.491	1.015	14.767						
11/5/2016 10:05:00 PM	259500.000	72.778	17.993	165.884	28982.973	33461.168	21.126	22753.596
34.503	1.015	14.767						
11/5/2016 10:10:00 PM	259800.000	72.782	17.993	165.892	28992.666	33472.102	21.133	22761.029
34.491	1.015	14.766						
11/5/2016 10:15:00 PM	260100.000	72.782	17.993	165.892	28991.600	33470.867	21.132	22760.191
34.493	1.015	14.766						
11/5/2016 10:20:00 PM	260400.000	72.781	17.993	165.890	29013.777	33496.535	21.150	22777.645
34.466	1.015	14.767						
11/5/2016 10:25:00 PM	260700.000	72.761	17.993	165.844	28988.783	33468.000	21.130	22758.242
34.496	1.015	14.768						
11/5/2016 10:30:00 PM	261000.000	72.774	17.993	165.874	29014.156	33497.422	21.151	22778.250
34.466	1.015	14.769						
11/5/2016 10:35:00 PM	261300.000	72.755	17.994	165.831	29003.713	33484.668	21.142	22769.574
34.478	1.015	14.769						
11/5/2016 10:40:00 PM	261600.000	72.775	17.993	165.877	29008.314	33490.227	21.146	22773.355
34.473	1.015	14.770						
11/5/2016 10:45:00 PM	261900.000	72.770	17.993	165.866	28986.633	33465.391	21.129	22756.469
34.499	1.015	14.770						
11/5/2016 10:50:00 PM	262200.000	72.774	17.994	165.874	28996.734	33476.668	21.137	22764.135
34.487	1.015	14.772						
11/5/2016 10:55:00 PM	262500.000	72.768	17.993	165.860	29009.256	33491.445	21.147	22774.186
34.472	1.015	14.773						
11/5/2016 11:00:00 PM	262800.000	72.742	17.993	165.801	29003.344	33484.754	21.142	22769.635
34.479	1.015	14.774						
11/5/2016 11:05:00 PM	263100.000	72.746	17.993	165.812	28987.156	33465.996	21.129	22756.877
34.498	1.015	14.775						
11/5/2016 11:10:00 PM	263400.000	72.744	17.994	165.806	29005.193	33486.305	21.143	22770.689
34.477	1.015	14.776						
11/5/2016 11:15:00 PM	263700.000	72.759	17.993	165.840	28995.793	33475.902	21.136	22763.615
34.488	1.015	14.776						
11/5/2016 11:20:00 PM	264000.000	72.760	17.993	165.843	28996.807	33477.070	21.137	22764.410
34.487	1.015	14.775						
11/5/2016 11:25:00 PM	264300.000	72.755	17.993	165.832	28985.035	33463.426	21.127	22755.131
34.501	1.015	14.773						
11/5/2016 11:30:00 PM	264600.000	72.767	17.993	165.858	29013.943	33496.855	21.151	22777.863
34.466	1.015	14.772						
11/5/2016 11:35:00 PM	264900.000	72.763	17.993	165.849	29003.529	33484.898	21.142	22769.732
34.479	1.015	14.771						
11/5/2016 11:40:00 PM	265200.000	72.745	17.993	165.808	28987.209	33465.992	21.129	22756.877
34.498	1.015	14.769						
11/5/2016 11:45:00 PM	265500.000	72.767	17.994	165.858	29003.635	33484.633	21.142	22769.553
34.478	1.015	14.768						
11/5/2016 11:50:00 PM	265800.000	72.763	17.993	165.849	29006.098	33487.863	21.144	22771.750
34.476	1.015	14.768						
11/5/2016 11:55:00 PM	266100.000	72.763	17.993	165.848	28976.943	33454.082	21.121	22748.777
34.510	1.015	14.768						
11/6/2016 12:00:00 AM	266400.000	72.764	17.993	165.853	29002.057	33483.078	21.141	22768.496
34.480	1.015	14.769						
11/6/2016 12:05:00 AM	266700.000	72.767	17.993	165.859	28996.141	33476.246	21.136	22763.850
34.487	1.015	14.768						
11/6/2016 12:10:00 AM	267000.000	72.741	17.993	165.799	29003.385	33484.609	21.142	22769.537
34.479	1.015	14.768						
11/6/2016 12:15:00 AM	267300.000	72.742	17.993	165.800	28993.357	33472.898	21.134	22761.572
34.491	1.015	14.767						
11/6/2016 12:20:00 AM	267600.000	72.761	17.993	165.844	28992.438	33472.027	21.133	22760.979
34.492	1.015	14.765						
11/6/2016 12:25:00 AM	267900.000	72.768	17.993	165.860	29011.969	33494.445	21.149	22776.225
34.469	1.015	14.763						
11/6/2016 12:30:00 AM	268200.000	72.768	17.993	165.861	28998.789	33479.426	21.138	22766.010
34.484	1.015	14.761						
11/6/2016 12:35:00 AM	268500.000	72.763	17.993	165.849	28998.801	33479.758	21.139	22766.236
34.484	1.015	14.765						
11/6/2016 12:40:00 AM	268800.000	72.761	17.993	165.844	28994.344	33474.035	21.135	22762.344
34.489	1.015	14.769						
11/6/2016 12:45:00 AM	269100.000	72.760	17.993	165.842	28994.070	33473.980	21.135	22762.309
34.490	1.015	14.773						
11/6/2016 12:50:00 AM	269400.000	72.761	17.993	165.844	29003.074	33484.180	21.142	22769.244
34.479	1.015	14.773						
11/6/2016 12:55:00 AM	269700.000	72.764	17.993	165.851	28994.852	33474.625	21.135	22762.746
34.489	1.015	14.772						
11/6/2016 1:00:00 AM	270000.000	72.763	17.993	165.850	28997.859	33478.094	21.138	22765.104
34.485	1.015	14.772						
11/6/2016 1:05:00 AM	270300.000	72.760	17.994	165.842	28984.488	33462.531	21.127	22754.521
34.501	1.015	14.772						
11/6/2016 1:10:00 AM	270600.000	72.761	17.993	165.845	28995.629	33475.848	21.136	22763.576
34.488	1.015	14.772						
11/6/2016 1:15:00 AM	270900.000	72.763	17.993	165.850	28996.184	33476.352	21.136	22763.922
34.487	1.015	14.772						
11/6/2016 1:20:00 AM	271200.000	72.767	17.993	165.857	28991.051	33470.617	21.132	22760.021
34.493	1.015	14.771						
11/6/2016 1:25:00 AM	271500.000	72.772	17.993	165.870	28997.848	33478.219	21.138	22765.189
34.485	1.015	14.770						
11/6/2016 1:30:00 AM	271800.000	72.775	17.993	165.876	28987.297	33465.965	21.129	22756.857
34.498	1.015	14.769						
11/6/2016 1:35:00 AM	272100.000	72.774	17.993	165.874	28987.205	33465.930	21.129	22756.834
34.498	1.015	14.770						
11/6/2016 1:40:00 AM	272400.000	72.770	17.993	165.866	28983.947	33462.488	21.127	22754.494
34.502	1.015	14.770						
11/6/2016 1:45:00 AM	272700.000	72.772	17.993	165.871	29008.742	33490.988	21.146	22773.875
34.472	1.015	14.771						

11/6/2016 1:50:00 AM	273000.000	72.776	17.993	165.879	28987.371	33466.246	21.129	22757.047
34.498	1.015	14.772						
11/6/2016 1:55:00 AM	273300.000	72.769	17.993	165.862	29014.066	33497.262	21.151	22778.139
34.466	1.015	14.772						
11/6/2016 2:00:00 AM	273600.000	72.774	17.993	165.873	29001.975	33483.359	21.141	22768.686
34.480	1.015	14.773						
11/6/2016 2:05:00 AM	273900.000	72.767	17.994	165.859	29005.039	33486.199	21.143	22770.617
34.477	1.015	14.774						
11/6/2016 2:10:00 AM	274200.000	72.771	17.993	165.867	28996.777	33476.980	21.137	22764.350
34.487	1.015	14.775						
11/6/2016 2:15:00 AM	274500.000	72.770	17.993	165.865	29004.766	33486.133	21.143	22770.570
34.477	1.015	14.775						
11/6/2016 2:20:00 AM	274800.000	72.777	17.993	165.880	29016.869	33500.691	21.153	22780.473
34.463	1.015	14.775						
11/6/2016 2:25:00 AM	275100.000	72.773	17.993	165.872	28996.580	33477.191	21.137	22764.492
34.487	1.015	14.775						
11/6/2016 2:30:00 AM	275400.000	72.782	17.993	165.893	29010.688	33493.098	21.148	22775.309
34.470	1.015	14.775						
11/6/2016 2:35:00 AM	275700.000	72.784	17.993	165.896	29008.863	33491.375	21.147	22774.135
34.472	1.015	14.772						
11/6/2016 2:40:00 AM	276000.000	72.785	17.993	165.900	28991.004	33470.180	21.132	22759.725
34.493	1.015	14.770						
11/6/2016 2:45:00 AM	276300.000	72.785	17.993	165.899	29004.148	33485.738	21.143	22770.305
34.478	1.015	14.768						
11/6/2016 2:50:00 AM	276600.000	72.789	17.993	165.909	28982.131	33460.000	21.125	22752.803
34.504	1.015	14.770						
11/6/2016 2:55:00 AM	276900.000	72.787	17.993	165.904	29005.967	33487.715	21.144	22771.648
34.476	1.015	14.773						
11/6/2016 2:00:00 AM	277200.000	72.788	17.993	165.905	29021.885	33505.969	21.157	22784.059
34.457	1.015	14.775						
11/6/2016 2:05:00 AM	277500.000	72.787	17.993	165.903	28981.510	33459.602	21.125	22752.531
34.505	1.015	14.774						
11/6/2016 2:10:00 AM	277800.000	72.793	17.993	165.918	28988.988	33468.309	21.131	22758.449
34.496	1.015	14.773						
11/6/2016 2:15:00 AM	278100.000	72.796	17.993	165.925	28990.758	33469.961	21.132	22759.574
34.494	1.015	14.771						
11/6/2016 2:20:00 AM	278400.000	72.798	17.993	165.929	29005.291	33487.059	21.144	22771.199
34.476	1.015	14.772						
11/6/2016 2:25:00 AM	278700.000	72.797	17.993	165.927	29000.697	33481.629	21.140	22767.510
34.482	1.015	14.773						
11/6/2016 2:30:00 AM	279000.000	72.800	17.993	165.933	29024.057	33508.531	21.159	22785.801
34.454	1.015	14.773						
11/6/2016 2:35:00 AM	279300.000	72.793	17.993	165.917	28992.428	33471.961	21.133	22760.936
34.492	1.015	14.774						
11/6/2016 2:40:00 AM	279600.000	72.785	17.993	165.899	28984.402	33463.133	21.127	22754.930
34.501	1.015	14.775						
11/6/2016 2:45:00 AM	279900.000	72.805	17.994	165.946	29000.295	33480.777	21.139	22766.932
34.482	1.015	14.776						
11/6/2016 2:50:00 AM	280200.000	72.807	17.993	165.951	28992.826	33472.797	21.134	22761.504
34.491	1.015	14.775						
11/6/2016 2:55:00 AM	280500.000	72.791	17.993	165.912	28989.457	33468.586	21.131	22758.641
34.495	1.015	14.774						
11/6/2016 3:00:00 AM	280800.000	72.811	17.994	165.958	28998.988	33479.211	21.138	22765.863
34.484	1.015	14.773						
11/6/2016 3:05:00 AM	281100.000	72.790	17.993	165.910	29001.430	33482.863	21.141	22768.350
34.481	1.015	14.773						
11/6/2016 3:10:00 AM	281400.000	72.809	17.993	165.954	28997.027	33477.195	21.137	22764.494
34.486	1.015	14.774						
11/6/2016 3:15:00 AM	281700.000	72.813	17.993	165.963	29010.434	33492.871	21.148	22775.154
34.470	1.015	14.774						
11/6/2016 3:20:00 AM	282000.000	72.812	17.993	165.962	29001.111	33482.234	21.140	22767.922
34.481	1.015	14.772						
11/6/2016 3:25:00 AM	282300.000	72.822	17.993	165.985	28985.596	33464.129	21.128	22755.607
34.500	1.015	14.770						
11/6/2016 3:30:00 AM	282600.000	72.797	17.993	165.927	29003.014	33484.109	21.142	22769.195
34.479	1.015	14.769						
11/6/2016 3:35:00 AM	282900.000	72.823	17.993	165.986	29011.934	33494.406	21.149	22776.197
34.469	1.015	14.770						
11/6/2016 3:40:00 AM	283200.000	72.816	17.993	165.970	28990.955	33470.262	21.132	22759.779
34.494	1.015	14.771						
11/6/2016 3:45:00 AM	283500.000	72.821	17.994	165.982	28997.336	33477.363	21.137	22764.607
34.486	1.015	14.773						
11/6/2016 3:50:00 AM	283800.000	72.822	17.993	165.984	28980.439	33458.367	21.124	22751.689
34.506	1.015	14.771						
11/6/2016 3:55:00 AM	284100.000	72.824	17.993	165.988	28993.705	33473.625	21.134	22762.066
34.490	1.015	14.769						
11/6/2016 4:00:00 AM	284400.000	72.829	17.993	166.000	28995.775	33475.691	21.136	22763.471
34.488	1.015	14.767						
11/6/2016 4:05:00 AM	284700.000	72.829	17.993	166.000	28996.176	33476.344	21.136	22763.916
34.487	1.015	14.764						
11/6/2016 4:10:00 AM	285000.000	72.834	17.993	166.011	28993.688	33473.660	21.134	22762.090
34.490	1.015	14.760						
11/6/2016 4:15:00 AM	285300.000	72.837	17.993	166.018	28988.068	33467.117	21.130	22757.641
34.497	1.015	14.757						
11/6/2016 4:20:00 AM	285600.000	72.834	17.993	166.011	28999.219	33480.176	21.139	22766.521
34.484	1.015	14.759						
11/6/2016 4:25:00 AM	285900.000	72.835	17.993	166.014	28997.008	33477.176	21.137	22764.482
34.486	1.015	14.761						
11/6/2016 4:30:00 AM	286200.000	72.836	17.993	166.015	28994.672	33474.477	21.135	22762.646
34.489	1.015	14.763						
11/6/2016 4:35:00 AM	286500.000	72.836	17.993	166.017	28993.582	33473.348	21.134	22761.879
34.490	1.015	14.763						
11/6/2016 4:40:00 AM	286800.000	72.840	17.993	166.026	29001.330	33482.613	21.141	22768.180
34.481	1.015	14.763						
11/6/2016 4:45:00 AM	287100.000	72.840	17.993	166.026	29006.227	33488.266	21.145	22772.021
34.475	1.015	14.763						
11/6/2016 4:50:00 AM	287400.000	72.841	17.993	166.027	29011.297	33493.867	21.148	22775.832
34.469	1.015	14.765						
11/6/2016 4:55:00 AM	287700.000	72.840	17.993	166.024	29000.975	33481.629	21.140	22767.510
34.482	1.015	14.768						
11/6/2016 5:00:00 AM	288000.000	72.816	17.994	165.970	29009.869	33491.832	21.147	22774.447
34.471	1.015	14.770						
11/6/2016 5:05:00 AM	288300.000	72.839	17.993	166.022	28990.686	33470.387	21.132	22759.865
34.494	1.015	14.770						
11/6/2016 5:10:00 AM	288600.000	72.835	17.993	166.014	29014.920	33498.121	21.151	22778.725
34.465	1.015	14.771						
11/6/2016 5:15:00 AM	288900.000	72.820	17.992	165.979	29001.162	33482.613	21.141	22768.180
34.481	1.015	14.771						
11/6/2016 5:20:00 AM	289200.000	72.841	17.993	166.028	29001.643	33482.848	21.141	22768.338
34.481	1.015	14.770						
11/6/2016 5:25:00 AM	289500.000	72.845	17.993	166.036	29009.291	33491.355	21.147	22774.123
34.472	1.015	14.769						
11/6/2016 5:30:00 AM	289800.000	72.848	17.993	166.044	28990.371	33469.961	21.132	22759.574
34.494	1.015	14.768						
11/6/2016 5:35:00 AM	290100.000	72.845	17.993	166.036	29010.211	33492.492	21.148	22774.895
34.471	1.015	14.767						
11/6/2016 5:40:00 AM	290400.000	72.848	17.993	166.044	28991.156	33470.547	21.132	22759.973
34.493	1.015	14.766						
11/6/2016 5:45:00 AM	290700.000	72.853	17.993	166.054	28999.709	33480.488	21.139	22766.732
34.483	1.015	14.765						
11/6/2016 5:50:00 AM	291000.000	72.850	17.993	166.048	28995.117	33475.121	21.135	22763.082
34.489	1.015	14.765						
11/6/2016 5:55:00 AM	291300.000	72.856	17.993	166.060	29001.924	33483.301	21.141	22768.646
34.480	1.015	14.764						
11/6/2016 6:00:00 AM	291600.000	72.856	17.993	166.061	28998.141	33478.422	21.138	22765.328
34.485	1.015	14.764						
11/6/2016 6:05:00 AM	291900.000	72.855	17.993	166.058	29001.305	33482.266	21.140	22767.943
34.481	1.015	14.768						
11/6/2016 6:10:00 AM	292200.000	72.850	17.993	166.047	28993.586	33473.734	21.134	22762.141
34.490	1.015	14.773						
11/6/2016 6:15:00 AM	292500.000	72.847	17.993	166.040	28984.848	33463.266	21.127	22755.021
34.501	1.015	14.777						
11/6/2016 6:20:00 AM	292800.000	72.849	17.993	166.045	28993.326	33473.055	21.134	22761.678

34.491	1.015	14.776						
11/6/2016 6:25:00 AM	293100.000	72.854	17.993	166.058	28992.023	33471.297	21.133	22760.482
34.492	1.015	14.775						
11/6/2016 6:30:00 AM	293400.000	72.856	17.993	166.060	29001.605	33482.875	21.141	22768.355
34.481	1.015	14.773						
11/6/2016 6:35:00 AM	293700.000	72.860	17.993	166.070	28978.678	33456.277	21.122	22750.271
34.508	1.015	14.772						
11/6/2016 6:40:00 AM	294000.000	72.857	17.993	166.063	28997.229	33477.367	21.137	22764.609
34.486	1.015	14.770						
11/6/2016 6:45:00 AM	294300.000	72.867	17.993	166.087	29000.236	33480.840	21.139	22766.971
34.482	1.015	14.769						
11/6/2016 6:50:00 AM	294600.000	72.846	17.993	166.038	28988.717	33467.996	21.130	22758.240
34.496	1.015	14.769						
11/6/2016 6:55:00 AM	294900.000	72.864	17.993	166.080	29007.676	33489.566	21.145	22772.908
34.474	1.015	14.770						
11/6/2016 7:00:00 AM	295200.000	72.861	17.993	166.072	29000.738	33481.930	21.140	22767.713
34.482	1.015	14.771						
11/6/2016 7:05:00 AM	295500.000	72.864	17.993	166.079	28995.748	33475.848	21.136	22763.576
34.488	1.015	14.773						
11/6/2016 7:10:00 AM	295800.000	72.858	17.993	166.066	29000.256	33481.121	21.140	22767.162
34.482	1.015	14.775						
11/6/2016 7:15:00 AM	296100.000	72.860	17.993	166.070	28993.648	33473.691	21.134	22762.111
34.490	1.015	14.777						
11/6/2016 7:20:00 AM	296400.000	72.852	17.993	166.051	28995.410	33475.461	21.136	22763.314
34.488	1.015	14.777						
11/6/2016 7:25:00 AM	296700.000	72.858	17.993	166.066	29012.896	33495.594	21.150	22777.004
34.467	1.015	14.778						
11/6/2016 7:30:00 AM	297000.000	72.860	17.993	166.071	28994.803	33474.629	21.135	22762.748
34.489	1.015	14.779						
11/6/2016 7:35:00 AM	297300.000	72.860	17.993	166.070	29013.857	33496.504	21.150	22777.625
34.466	1.015	14.777						
11/6/2016 7:40:00 AM	297600.000	72.847	17.993	166.041	29010.826	33493.129	21.148	22775.330
34.470	1.015	14.775						
11/6/2016 7:45:00 AM	297900.000	72.871	17.993	166.096	28997.318	33477.664	21.137	22764.814
34.486	1.015	14.772						
11/6/2016 7:50:00 AM	298200.000	72.845	17.993	166.036	29015.623	33498.738	21.152	22779.145
34.464	1.015	14.776						
11/6/2016 7:55:00 AM	298500.000	72.859	17.993	166.068	29003.928	33485.293	21.143	22770.000
34.478	1.015	14.779						
11/6/2016 8:00:00 AM	298800.000	72.861	17.993	166.072	28992.967	33472.703	21.134	22761.438
34.491	1.015	14.783						
11/6/2016 8:05:00 AM	299100.000	72.858	17.993	166.065	29007.805	33489.641	21.146	22772.957
34.473	1.015	14.781						
11/6/2016 8:10:00 AM	299400.000	72.861	17.993	166.074	28999.875	33480.613	21.139	22766.816
34.483	1.015	14.780						
11/6/2016 8:15:00 AM	299700.000	72.846	17.993	166.039	28990.982	33470.348	21.132	22759.836
34.493	1.015	14.778						
11/6/2016 8:20:00 AM	300000.000	72.866	17.993	166.084	28990.594	33469.965	21.132	22759.576
34.494	1.015	14.779						
11/6/2016 8:25:00 AM	300300.000	72.867	17.993	166.086	29004.141	33485.805	21.143	22770.350
34.478	1.015	14.781						
11/6/2016 8:30:00 AM	300600.000	72.866	17.993	166.083	29004.813	33486.449	21.143	22770.787
34.477	1.015	14.782						
11/6/2016 8:35:00 AM	300900.000	72.865	17.993	166.082	29009.328	33491.273	21.147	22774.066
34.472	1.015	14.783						
11/6/2016 8:40:00 AM	301200.000	72.863	17.993	166.076	29011.355	33494.188	21.149	22776.049
34.469	1.015	14.783						
11/6/2016 8:45:00 AM	301500.000	72.864	17.993	166.079	28986.887	33465.563	21.129	22756.582
34.498	1.015	14.784						
11/6/2016 8:50:00 AM	301800.000	72.862	17.994	166.075	28984.248	33462.254	21.127	22754.334
34.501	1.015	14.786						
11/6/2016 8:55:00 AM	302100.000	72.860	17.993	166.069	28994.527	33474.188	21.135	22762.449
34.489	1.015	14.788						
11/6/2016 9:00:00 AM	302400.000	72.862	17.993	166.075	28993.613	33473.133	21.134	22761.732
34.490	1.015	14.790						
11/6/2016 9:05:00 AM	302700.000	72.861	17.993	166.072	29000.541	33481.574	21.140	22767.471
34.482	1.015	14.788						
11/6/2016 9:10:00 AM	303000.000	72.862	17.993	166.076	29012.453	33495.008	21.149	22776.605
34.468	1.015	14.787						
11/6/2016 9:15:00 AM	303300.000	72.863	17.993	166.077	29022.625	33506.945	21.158	22784.723
34.456	1.015	14.785						
11/6/2016 9:20:00 AM	303600.000	72.861	17.993	166.074	28998.490	33478.824	21.138	22765.602
34.485	1.015	14.787						
11/6/2016 9:25:00 AM	303900.000	72.861	17.993	166.073	28993.881	33473.695	21.134	22762.113
34.490	1.015	14.790						
11/6/2016 9:30:00 AM	304200.000	72.859	17.993	166.068	29001.770	33482.867	21.141	22768.352
34.481	1.015	14.793						
11/6/2016 9:35:00 AM	304500.000	72.868	17.993	166.088	29002.674	33484.227	21.142	22769.273
34.480	1.015	14.790						
11/6/2016 9:40:00 AM	304800.000	72.867	17.993	166.087	28995.227	33475.117	21.135	22763.080
34.488	1.015	14.788						
11/6/2016 9:45:00 AM	305100.000	72.872	17.994	166.097	29003.014	33483.918	21.142	22769.066
34.479	1.015	14.785						
11/6/2016 9:50:00 AM	305400.000	72.878	17.993	166.110	29004.314	33485.609	21.143	22770.217
34.478	1.015	14.785						
11/6/2016 9:55:00 AM	305700.000	72.873	17.993	166.101	28990.209	33469.453	21.131	22759.230
34.494	1.015	14.784						
11/6/2016 10:00:00 AM	306000.000	72.877	17.993	166.109	29001.098	33481.969	21.140	22767.740
34.481	1.015	14.783						
11/6/2016 10:05:00 AM	306300.000	72.873	17.993	166.100	28982.580	33460.457	21.125	22753.113
34.503	1.015	14.784						
11/6/2016 10:10:00 AM	306600.000	72.875	17.993	166.104	28999.840	33480.383	21.139	22766.660
34.483	1.015	14.785						
11/6/2016 10:15:00 AM	306900.000	72.854	17.993	166.057	29021.730	33505.848	21.157	22783.977
34.457	1.015	14.786						
11/6/2016 10:20:00 AM	307200.000	72.876	17.993	166.108	29005.762	33487.219	21.144	22771.309
34.476	1.015	14.786						
11/6/2016 10:25:00 AM	307500.000	72.876	17.994	166.107	29006.703	33488.176	21.145	22771.959
34.475	1.015	14.785						
11/6/2016 10:30:00 AM	307800.000	72.876	17.993	166.108	28995.988	33475.996	21.136	22763.680
34.488	1.015	14.785						
11/6/2016 10:35:00 AM	308100.000	72.879	17.993	166.114	29004.359	33485.734	21.143	22770.301
34.478	1.015	14.787						
11/6/2016 10:40:00 AM	308400.000	72.871	17.993	166.095	29020.262	33504.285	21.156	22782.916
34.459	1.015	14.789						
11/6/2016 10:45:00 AM	308700.000	72.875	17.993	166.105	29005.213	33487.098	21.144	22771.227
34.477	1.015	14.791						
11/6/2016 10:50:00 AM	309000.000	72.852	17.993	166.051	29000.777	33481.602	21.140	22767.490
34.482	1.015	14.792						
11/6/2016 10:55:00 AM	309300.000	72.871	17.993	166.095	29012.246	33494.895	21.149	22776.531
34.468	1.015	14.794						
11/6/2016 11:00:00 AM	309600.000	72.871	17.993	166.095	28994.793	33474.746	21.135	22762.828
34.489	1.015	14.795						
11/6/2016 11:05:00 AM	309900.000	72.857	17.993	166.063	28995.043	33475.172	21.135	22763.119
34.489	1.015	14.793						
11/6/2016 11:10:00 AM	310200.000	72.874	17.993	166.103	29003.744	33485.027	21.142	22769.818
34.478	1.015	14.791						
11/6/2016 11:15:00 AM	310500.000	72.882	17.993	166.120	28993.809	33473.746	21.134	22762.150
34.490	1.015	14.788						
11/6/2016 11:20:00 AM	310800.000	72.860	17.993	166.071	29003.949	33485.582	21.143	22770.197
34.478	1.015	14.788						
11/6/2016 11:25:00 AM	311100.000	72.864	17.993	166.081	29001.502	33482.301	21.140	22767.965
34.481	1.015	14.789						
11/6/2016 11:30:00 AM	311400.000	72.881	17.993	166.119	29009.188	33491.434	21.147	22774.178
34.472	1.015	14.789						
11/6/2016 11:35:00 AM	311700.000	72.888	17.993	166.133	28989.928	33469.129	21.131	22759.008
34.495	1.015	14.787						
11/6/2016 11:40:00 AM	312000.000	72.885	17.993	166.128	29003.383	33484.855	21.142	22769.703
34.479	1.015	14.786						
11/6/2016 11:45:00 AM	312300.000	72.891	17.993	166.140	29013.621	33496.293	21.150	22777.479
34.467	1.015	14.784						
11/6/2016 11:50:00 AM	312600.000	72.890	17.993	166.138	28990.025	33469.379	21.131	22759.178
34.495	1.015	14.784						

11/6/2016 11:55:00 AM	312900.000	72.888	17.993	166.134	28987.191	33466.105	21.129	22756.953
34.498	1.015	14.783						
11/6/2016 12:00:00 PM	313200.000	72.888	17.993	166.135	28984.035	33462.328	21.127	22754.383
34.502	1.015	14.783						
11/6/2016 12:05:00 PM	313500.000	72.891	17.993	166.141	29012.510	33495.145	21.149	22776.701
34.468	1.015	14.781						
11/6/2016 12:10:00 PM	313800.000	72.897	17.993	166.155	28998.371	33478.688	21.138	22765.508
34.485	1.015	14.780						
11/6/2016 12:15:00 PM	314100.000	72.901	17.993	166.163	29000.414	33481.305	21.140	22767.289
34.482	1.015	14.778						
11/6/2016 12:20:00 PM	314400.000	72.898	17.993	166.157	28988.666	33467.863	21.130	22758.148
34.496	1.015	14.781						
11/6/2016 12:25:00 PM	314700.000	72.894	17.992	166.147	29006.205	33488.438	21.145	22772.141
34.475	1.015	14.784						
11/6/2016 12:30:00 PM	315000.000	72.888	17.993	166.134	29007.703	33489.598	21.145	22772.926
34.474	1.015	14.787						
11/6/2016 12:35:00 PM	315300.000	72.899	17.994	166.136	28992.980	33472.277	21.133	22761.150
34.491	1.015	14.786						
11/6/2016 12:40:00 PM	315600.000	72.891	17.993	166.142	29007.391	33489.746	21.146	22773.029
34.474	1.015	14.784						
11/6/2016 12:45:00 PM	315900.000	72.896	17.993	166.152	29006.941	33488.773	21.145	22772.365
34.475	1.015	14.783						
11/6/2016 12:50:00 PM	316200.000	72.899	17.993	166.158	28998.092	33478.555	21.138	22765.420
34.485	1.015	14.783						
11/6/2016 12:55:00 PM	316500.000	72.901	17.993	166.164	29005.506	33486.922	21.144	22771.109
34.476	1.015	14.783						
11/6/2016 1:00:00 PM	316800.000	72.899	17.993	166.159	28990.539	33470.102	21.132	22759.670
34.494	1.015	14.782						
11/6/2016 1:05:00 PM	317100.000	72.901	17.994	166.164	28999.971	33480.273	21.139	22766.586
34.483	1.015	14.783						
11/6/2016 1:10:00 PM	317400.000	72.895	17.993	166.150	28976.141	33453.211	21.120	22748.184
34.511	1.015	14.784						
11/6/2016 1:15:00 PM	317700.000	72.899	17.993	166.159	29006.596	33488.184	21.145	22771.965
34.475	1.015	14.785						
11/6/2016 1:20:00 PM	318000.000	72.904	17.993	166.170	29006.514	33488.023	21.144	22771.855
34.475	1.015	14.783						
11/6/2016 1:25:00 PM	318300.000	72.905	17.993	166.174	28998.396	33478.973	21.138	22765.703
34.485	1.015	14.782						
11/6/2016 1:30:00 PM	318600.000	72.904	17.993	166.170	28998.082	33478.414	21.138	22765.324
34.485	1.015	14.781						
11/6/2016 1:35:00 PM	318900.000	72.905	17.993	166.174	28995.643	33475.863	21.136	22763.590
34.488	1.015	14.779						
11/6/2016 1:40:00 PM	319200.000	72.913	17.993	166.192	29002.336	33483.453	21.141	22768.750
34.480	1.015	14.778						
11/6/2016 1:45:00 PM	319500.000	72.910	17.993	166.183	29020.900	33504.758	21.156	22783.238
34.458	1.015	14.777						
11/6/2016 1:50:00 PM	319800.000	72.886	17.993	166.130	29005.779	33487.301	21.144	22771.365
34.476	1.015	14.776						
11/6/2016 1:55:00 PM	320100.000	72.909	17.993	166.181	28996.471	33476.629	21.136	22764.109
34.487	1.015	14.776						
11/6/2016 2:00:00 PM	320400.000	72.918	17.993	166.203	28992.957	33472.945	21.134	22761.604
34.491	1.015	14.775						
11/6/2016 2:05:00 PM	320700.000	72.912	17.993	166.188	28990.492	33469.727	21.132	22759.414
34.494	1.015	14.777						
11/6/2016 2:10:00 PM	321000.000	72.919	17.993	166.204	28998.762	33479.273	21.138	22765.908
34.484	1.015	14.779						
11/6/2016 2:15:00 PM	321300.000	72.910	17.993	166.184	28999.879	33480.563	21.139	22766.785
34.483	1.015	14.781						
11/6/2016 2:20:00 PM	321600.000	72.912	17.994	166.188	29002.256	33483.043	21.141	22768.471
34.480	1.015	14.780						
11/6/2016 2:25:00 PM	321900.000	72.917	17.993	166.199	29004.441	33485.832	21.143	22770.367
34.477	1.015	14.779						
11/6/2016 2:30:00 PM	322200.000	72.919	17.993	166.205	29021.803	33505.801	21.157	22783.947
34.457	1.015	14.778						
11/6/2016 2:35:00 PM	322500.000	72.918	17.993	166.204	29000.457	33481.352	21.140	22767.318
34.482	1.015	14.780						
11/6/2016 2:40:00 PM	322800.000	72.913	17.994	166.191	28995.824	33475.617	21.136	22763.420
34.488	1.015	14.781						
11/6/2016 2:45:00 PM	323100.000	72.911	17.993	166.187	29013.350	33496.238	21.150	22777.443
34.467	1.015	14.782						
11/6/2016 2:50:00 PM	323400.000	72.913	17.993	166.190	28993.986	33474.137	21.135	22762.414
34.490	1.015	14.781						
11/6/2016 2:55:00 PM	323700.000	72.914	17.993	166.194	29007.838	33489.680	21.146	22772.984
34.473	1.015	14.779						
11/6/2016 3:00:00 PM	324000.000	72.916	17.993	166.198	28991.652	33470.992	21.133	22760.277
34.493	1.015	14.778						
11/6/2016 3:05:00 PM	324300.000	72.920	17.993	166.207	28990.148	33469.766	21.132	22759.443
34.494	1.015	14.778						
11/6/2016 3:10:00 PM	324600.000	72.921	17.993	166.209	29001.014	33482.195	21.140	22767.893
34.482	1.015	14.779						
11/6/2016 3:15:00 PM	324900.000	72.923	17.993	166.213	28997.949	33478.262	21.138	22765.221
34.485	1.015	14.779						
11/6/2016 3:20:00 PM	325200.000	72.917	17.993	166.201	28984.551	33463.188	21.127	22754.969
34.501	1.015	14.778						
11/6/2016 3:25:00 PM	325500.000	72.916	17.993	166.198	28999.613	33480.258	21.139	22766.576
34.483	1.015	14.778						
11/6/2016 3:30:00 PM	325800.000	72.922	17.993	166.212	28991.561	33470.887	21.132	22760.205
34.493	1.015	14.778						
11/6/2016 3:35:00 PM	326100.000	72.907	17.993	166.177	28996.816	33477.219	21.137	22764.512
34.487	1.015	14.779						
11/6/2016 3:40:00 PM	326400.000	72.922	17.993	166.211	29005.320	33486.969	21.144	22771.139
34.476	1.015	14.781						
11/6/2016 3:45:00 PM	326700.000	72.915	17.993	166.196	29005.154	33486.844	21.144	22771.055
34.477	1.015	14.782						
11/6/2016 3:50:00 PM	327000.000	72.916	17.993	166.199	28974.502	33451.266	21.119	22746.863
34.513	1.015	14.783						
11/6/2016 3:55:00 PM	327300.000	72.893	17.993	166.145	28994.992	33475.043	21.135	22763.031
34.489	1.015	14.784						
11/6/2016 4:00:00 PM	327600.000	72.912	17.993	166.189	28989.213	33468.441	21.131	22758.543
34.496	1.015	14.785						
11/6/2016 4:05:00 PM	327900.000	72.916	17.993	166.197	29001.346	33482.578	21.141	22768.156
34.481	1.015	14.785						
11/6/2016 4:10:00 PM	328200.000	72.917	17.993	166.199	29005.080	33486.691	21.143	22770.953
34.477	1.015	14.784						
11/6/2016 4:15:00 PM	328500.000	72.915	17.993	166.196	29007.861	33490.215	21.146	22773.346
34.473	1.015	14.784						
11/6/2016 4:20:00 PM	328800.000	72.917	17.993	166.199	29002.654	33483.824	21.141	22769.002
34.480	1.015	14.783						
11/6/2016 4:25:00 PM	329100.000	72.917	17.993	166.201	28996.516	33476.543	21.136	22764.049
34.487	1.015	14.781						
11/6/2016 4:30:00 PM	329400.000	72.921	17.993	166.209	28995.734	33475.777	21.136	22763.531
34.488	1.015	14.780						
11/6/2016 4:35:00 PM	329700.000	72.917	17.993	166.201	29008.865	33491.129	21.147	22773.969
34.472	1.015	14.782						
11/6/2016 4:40:00 PM	330000.000	72.915	17.993	166.195	28997.811	33478.039	21.137	22765.068
34.485	1.015	14.783						
11/6/2016 4:45:00 PM	330300.000	72.915	17.993	166.195	29001.666	33482.625	21.141	22768.188
34.481	1.015	14.785						
11/6/2016 4:50:00 PM	330600.000	72.913	17.993	166.192	28996.389	33476.727	21.137	22764.176
34.487	1.015	14.785						
11/6/2016 4:55:00 PM	330900.000	72.915	17.993	166.196	29015.783	33499.117	21.152	22779.402
34.464	1.015	14.785						
11/6/2016 5:00:00 PM	331200.000	72.909	17.993	166.182	29013.373	33495.945	21.150	22777.242
34.467	1.015	14.785						
11/6/2016 5:05:00 PM	331500.000	72.908	17.993	166.179	28986.273	33465.176	21.129	22756.320
34.499	1.015	14.786						
11/6/2016 5:10:00 PM	331800.000	72.905	17.993	166.174	29008.877	33491.074	21.147	22773.934
34.472	1.015	14.787						
11/6/2016 5:15:00 PM	332100.000	72.905	17.993	166.173	28985.637	33464.242	21.128	22755.686
34.500	1.015	14.789						
11/6/2016 5:20:00 PM	332400.000	72.902	17.993	166.165	29000.037	33481.121	21.140	22767.162
34.483	1.015	14.788						
11/6/2016 5:25:00 PM	332700.000	72.903	17.993	166.169	28996.727	33476.852	21.137	22764.262

34.487	1.015	14.787						
11/6/2016 5:30:00 PM	333000.000	72.901	17.993	166.164	28995.092	33475.035	21.135	22763.025
34.489	1.015	14.786						
11/6/2016 5:35:00 PM	333300.000	72.900	17.993	166.162	29006.156	33487.809	21.144	22771.711
34.475	1.015	14.790						
11/6/2016 5:40:00 PM	333600.000	72.895	17.992	166.151	29005.615	33487.820	21.144	22771.719
34.476	1.015	14.793						
11/6/2016 5:45:00 PM	333900.000	72.893	17.993	166.146	29010.076	33492.457	21.147	22774.871
34.471	1.015	14.796						
11/6/2016 5:50:00 PM	334200.000	72.889	17.993	166.137	29018.395	33502.129	21.154	22781.449
34.461	1.015	14.796						
11/6/2016 5:55:00 PM	334500.000	72.886	17.993	166.129	28999.539	33480.172	21.139	22766.520
34.483	1.015	14.796						
11/6/2016 6:00:00 PM	334800.000	72.886	17.993	166.130	28990.313	33469.445	21.131	22759.225
34.494	1.015	14.796						
11/6/2016 6:05:00 PM	335100.000	72.889	17.993	166.136	28998.785	33479.422	21.138	22766.008
34.484	1.015	14.793						
11/6/2016 6:10:00 PM	335400.000	72.891	17.993	166.142	28985.160	33463.762	21.128	22755.357
34.500	1.015	14.790						
11/6/2016 6:15:00 PM	335700.000	72.892	17.993	166.142	28998.502	33478.973	21.138	22765.703
34.485	1.015	14.787						
11/6/2016 6:20:00 PM	336000.000	72.888	17.993	166.133	28984.203	33462.465	21.127	22754.479
34.502	1.015	14.788						
11/6/2016 6:25:00 PM	336300.000	72.884	17.993	166.124	29005.539	33486.961	21.144	22771.133
34.476	1.015	14.789						
11/6/2016 6:30:00 PM	336600.000	72.881	17.993	166.119	29002.943	33484.156	21.142	22769.229
34.479	1.015	14.790						
11/6/2016 6:35:00 PM	336900.000	72.878	17.993	166.110	29000.992	33481.969	21.140	22767.740
34.482	1.015	14.792						
11/6/2016 6:40:00 PM	337200.000	72.857	17.994	166.064	28996.969	33476.938	21.137	22764.320
34.486	1.015	14.795						
11/6/2016 6:45:00 PM	337500.000	72.867	17.994	166.086	29007.273	33488.777	21.145	22772.369
34.474	1.015	14.797						
11/6/2016 6:50:00 PM	337800.000	72.867	17.993	166.086	28997.742	33478.219	21.138	22765.189
34.485	1.015	14.797						
11/6/2016 6:55:00 PM	338100.000	72.868	17.994	166.089	28985.377	33463.500	21.127	22755.180
34.500	1.015	14.797						
11/6/2016 7:00:00 PM	338400.000	72.870	17.993	166.092	28997.207	33477.477	21.137	22764.686
34.486	1.015	14.796						
11/6/2016 7:05:00 PM	338700.000	72.861	17.993	166.073	28995.801	33476.047	21.136	22763.713
34.488	1.015	14.797						
11/6/2016 7:10:00 PM	339000.000	72.857	17.993	166.064	29006.625	33488.543	21.145	22772.209
34.475	1.015	14.797						
11/6/2016 7:15:00 PM	339300.000	72.841	17.993	166.027	29001.879	33482.797	21.141	22768.303
34.481	1.015	14.798						
11/6/2016 7:20:00 PM	339600.000	72.859	17.993	166.069	28993.992	33473.691	21.134	22762.111
34.490	1.015	14.797						
11/6/2016 7:25:00 PM	339900.000	72.854	17.993	166.057	28981.896	33460.176	21.125	22752.920
34.504	1.015	14.796						
11/6/2016 7:30:00 PM	340200.000	72.853	17.994	166.055	29004.760	33485.934	21.143	22770.438
34.477	1.015	14.796						
11/6/2016 7:35:00 PM	340500.000	72.849	17.993	166.046	28999.662	33480.559	21.139	22766.781
34.483	1.015	14.798						
11/6/2016 7:40:00 PM	340800.000	72.850	17.993	166.047	28990.326	33469.656	21.132	22759.369
34.494	1.015	14.801						
11/6/2016 7:45:00 PM	341100.000	72.840	17.993	166.025	29025.453	33510.145	21.160	22786.900
34.453	1.015	14.803						
11/6/2016 7:50:00 PM	341400.000	72.838	17.993	166.019	29012.174	33494.621	21.149	22776.342
34.468	1.015	14.800						
11/6/2016 7:55:00 PM	341700.000	72.846	17.993	166.039	29006.213	33487.875	21.144	22771.758
34.475	1.015	14.797						
11/6/2016 8:00:00 PM	342000.000	72.822	17.993	165.983	29006.779	33488.457	21.145	22772.152
34.475	1.015	14.794						
11/6/2016 8:05:00 PM	342300.000	72.843	17.993	166.031	29003.164	33484.219	21.142	22769.270
34.479	1.015	14.793						
11/6/2016 8:10:00 PM	342600.000	72.839	17.993	166.023	28995.217	33475.043	21.135	22763.031
34.488	1.015	14.792						
11/6/2016 8:15:00 PM	342900.000	72.840	17.993	166.025	28993.773	33473.516	21.134	22761.992
34.490	1.015	14.791						
11/6/2016 8:20:00 PM	343200.000	72.816	17.993	165.970	29004.160	33485.754	21.143	22770.313
34.478	1.015	14.792						
11/6/2016 8:25:00 PM	343500.000	72.830	17.993	166.002	28987.012	33465.707	21.129	22756.684
34.498	1.015	14.793						
11/6/2016 8:30:00 PM	343800.000	72.829	17.993	166.000	29006.145	33488.117	21.144	22771.922
34.475	1.015	14.793						
11/6/2016 8:35:00 PM	344100.000	72.827	17.993	165.995	28997.760	33478.363	21.138	22765.287
34.485	1.015	14.793						
11/6/2016 8:40:00 PM	344400.000	72.824	17.993	165.988	29007.486	33489.402	21.145	22772.795
34.474	1.015	14.793						
11/6/2016 8:45:00 PM	344700.000	72.820	17.993	165.978	28987.104	33465.680	21.129	22756.662
34.498	1.015	14.794						
11/6/2016 8:50:00 PM	345000.000	72.817	17.993	165.973	28994.160	33474.082	21.135	22762.379
34.490	1.015	14.793						
11/6/2016 8:55:00 PM	345300.000	72.792	17.992	165.915	29003.023	33484.762	21.142	22769.641
34.479	1.015	14.792						
11/6/2016 9:00:00 PM	345600.000	72.812	17.993	165.962	28999.756	33480.477	21.139	22766.725
34.483	1.015	14.792						
11/6/2016 9:05:00 PM	345900.000	72.810	17.993	165.956	28986.439	33465.484	21.129	22756.531
34.499	1.015	14.792						
11/6/2016 9:10:00 PM	346200.000	72.807	17.993	165.949	28987.221	33465.875	21.129	22756.795
34.498	1.015	14.792						
11/6/2016 9:15:00 PM	346500.000	72.787	17.993	165.904	28999.633	33480.082	21.139	22766.457
34.483	1.015	14.792						
11/6/2016 9:20:00 PM	346800.000	72.805	17.993	165.946	28992.531	33472.008	21.133	22760.965
34.492	1.015	14.790						
11/6/2016 9:25:00 PM	347100.000	72.807	17.993	165.950	28990.510	33470.066	21.132	22759.645
34.494	1.015	14.787						
11/6/2016 9:30:00 PM	347400.000	72.802	17.993	165.938	29004.369	33485.938	21.143	22770.439
34.478	1.015	14.785						
11/6/2016 9:35:00 PM	347700.000	72.803	17.993	165.942	28997.441	33477.996	21.137	22765.037
34.486	1.015	14.784						
11/6/2016 9:40:00 PM	348000.000	72.806	17.993	165.948	28994.752	33474.570	21.135	22762.711
34.489	1.015	14.783						
11/6/2016 9:45:00 PM	348300.000	72.800	17.993	165.933	28993.146	33472.789	21.134	22761.498
34.491	1.015	14.782						
11/6/2016 9:50:00 PM	348600.000	72.797	17.993	165.926	28996.416	33476.492	21.136	22764.018
34.487	1.015	14.782						
11/6/2016 9:55:00 PM	348900.000	72.798	17.993	165.930	29018.018	33501.879	21.154	22781.279
34.461	1.015	14.783						
11/6/2016 10:00:00 PM	349200.000	72.799	17.993	165.931	29002.291	33483.402	21.141	22768.715
34.480	1.015	14.783						
11/6/2016 10:05:00 PM	349500.000	72.791	17.993	165.914	28992.105	33471.711	21.133	22760.766
34.492	1.015	14.785						
11/6/2016 10:10:00 PM	349800.000	72.795	17.993	165.921	28991.389	33470.953	21.133	22760.248
34.493	1.015	14.787						
11/6/2016 10:15:00 PM	350100.000	72.769	17.993	165.864	29003.576	33485.152	21.142	22769.904
34.479	1.015	14.788						
11/6/2016 10:20:00 PM	350400.000	72.785	17.993	165.899	28981.789	33459.543	21.125	22752.490
34.504	1.015	14.790						
11/6/2016 10:25:00 PM	350700.000	72.784	17.993	165.898	28997.350	33478.020	21.137	22765.055
34.486	1.015	14.792						
11/6/2016 10:30:00 PM	351000.000	72.759	17.993	165.841	28997.725	33478.199	21.138	22765.178
34.485	1.015	14.794						
11/6/2016 10:35:00 PM	351300.000	72.775	17.993	165.878	28986.645	33465.531	21.129	22756.561
34.499	1.015	14.792						
11/6/2016 10:40:00 PM	351600.000	72.783	17.993	165.894	29006.641	33488.492	21.145	22772.176
34.475	1.015	14.790						
11/6/2016 10:45:00 PM	351900.000	72.779	17.993	165.885	28986.535	33465.402	21.129	22756.475
34.499	1.015	14.787						
11/6/2016 10:50:00 PM	352200.000	72.775	17.993	165.877	28995.758	33475.730	21.136	22763.496
34.488	1.015	14.789						
11/6/2016 10:55:00 PM	352500.000	72.775	17.993	165.878	29003.445	33484.543	21.142	22769.490
34.479	1.015	14.790						

11/6/2016 11:00:00 PM	352800.000	72.776	17.993	165.878	29000.592	33481.633	21.140	22767.512
34.482	1.015	14.791						
11/6/2016 11:05:00 PM	353100.000	72.775	17.994	165.876	29003.938	33484.926	21.142	22769.750
34.478	1.015	14.791						
11/6/2016 11:10:00 PM	353400.000	72.775	17.993	165.877	28987.668	33466.711	21.130	22757.365
34.497	1.015	14.790						
11/6/2016 11:15:00 PM	353700.000	72.776	17.993	165.880	28994.326	33474.590	21.135	22762.723
34.490	1.015	14.789						
11/6/2016 11:20:00 PM	354000.000	72.776	17.993	165.879	28989.795	33469.043	21.131	22758.951
34.495	1.015	14.790						
11/6/2016 11:25:00 PM	354300.000	72.774	17.993	165.874	29006.883	33488.895	21.145	22772.449
34.475	1.015	14.790						
11/6/2016 11:30:00 PM	354600.000	72.773	17.993	165.872	29003.240	33484.500	21.142	22769.463
34.479	1.015	14.791						
11/6/2016 11:35:00 PM	354900.000	72.754	17.993	165.829	29004.553	33486.016	21.143	22770.490
34.477	1.015	14.790						
11/6/2016 11:40:00 PM	355200.000	72.773	17.993	165.873	29000.121	33480.898	21.139	22767.014
34.483	1.015	14.790						
11/6/2016 11:45:00 PM	355500.000	72.771	17.993	165.867	28984.072	33462.313	21.127	22754.373
34.502	1.015	14.789						
11/6/2016 11:50:00 PM	355800.000	72.767	17.993	165.858	28994.109	33474.223	21.135	22762.473
34.490	1.015	14.789						
11/6/2016 11:55:00 PM	356100.000	72.769	17.993	165.863	29006.656	33488.578	21.145	22772.234
34.475	1.015	14.789						
11/7/2016 12:00:00 AM	356400.000	72.774	17.993	165.873	28987.107	33465.941	21.129	22756.842
34.498	1.015	14.789						
11/7/2016 12:05:00 AM	356700.000	72.774	17.993	165.873	28979.365	33456.742	21.123	22750.586
34.507	1.015	14.788						
11/7/2016 12:10:00 AM	357000.000	72.754	17.993	165.829	29003.305	33484.320	21.142	22769.338
34.479	1.015	14.787						
11/7/2016 12:15:00 AM	357300.000	72.778	17.993	165.883	28994.582	33474.695	21.135	22762.795
34.489	1.015	14.785						
11/7/2016 12:20:00 AM	357600.000	72.777	17.993	165.882	29006.098	33487.742	21.144	22771.666
34.476	1.015	14.785						
11/7/2016 12:25:00 AM	357900.000	72.774	17.993	165.875	28976.605	33453.695	21.121	22748.514
34.511	1.015	14.784						
11/7/2016 12:30:00 AM	358200.000	72.780	17.993	165.889	28986.209	33464.902	21.128	22756.137
34.499	1.015	14.783						
11/7/2016 12:35:00 AM	358500.000	72.778	17.993	165.884	29007.559	33489.484	21.145	22772.850
34.474	1.015	14.786						
11/7/2016 12:40:00 AM	358800.000	72.779	17.993	165.886	29006.621	33488.594	21.145	22772.246
34.475	1.015	14.788						
11/7/2016 12:45:00 AM	359100.000	72.779	17.993	165.887	28994.605	33474.797	21.135	22762.863
34.489	1.015	14.790						
11/7/2016 12:50:00 AM	359400.000	72.757	17.993	165.835	28984.055	33462.484	21.127	22754.492
34.502	1.015	14.790						
11/7/2016 12:55:00 AM	359700.000	72.776	17.993	165.878	29014.057	33496.859	21.151	22777.867
34.466	1.015	14.790						
11/7/2016 1:00:00 AM	360000.000	72.784	17.993	165.896	29010.504	33493.207	21.148	22775.381
34.470	1.015	14.790						
11/7/2016 1:05:00 AM	360300.000	72.778	17.993	165.883	29006.969	33488.805	21.145	22772.389
34.474	1.015	14.789						
11/7/2016 1:10:00 AM	360600.000	72.777	17.993	165.881	28999.594	33480.480	21.139	22766.727
34.483	1.015	14.788						
11/7/2016 1:15:00 AM	360900.000	72.783	17.993	165.894	29002.994	33484.352	21.142	22769.359
34.479	1.015	14.787						
11/7/2016 1:20:00 AM	361200.000	72.764	17.993	165.852	29018.842	33502.703	21.155	22781.840
34.460	1.015	14.789						
11/7/2016 1:25:00 AM	361500.000	72.779	17.993	165.886	28995.445	33475.766	21.136	22763.523
34.488	1.015	14.791						
11/7/2016 1:30:00 AM	361800.000	72.778	17.993	165.884	28999.613	33480.449	21.139	22766.707
34.483	1.015	14.793						
11/7/2016 1:35:00 AM	362100.000	72.779	17.993	165.885	29005.934	33487.930	21.144	22771.793
34.476	1.015	14.791						
11/7/2016 1:40:00 AM	362400.000	72.784	17.993	165.897	29000.486	33481.457	21.140	22767.391
34.482	1.015	14.789						
11/7/2016 1:45:00 AM	362700.000	72.782	17.993	165.892	29001.773	33483.262	21.141	22768.619
34.481	1.015	14.788						
11/7/2016 1:50:00 AM	363000.000	72.786	17.993	165.902	29024.021	33508.363	21.159	22785.688
34.454	1.015	14.787						
11/7/2016 1:55:00 AM	363300.000	72.789	17.993	165.909	29014.459	33497.832	21.151	22778.525
34.466	1.015	14.787						
11/7/2016 2:00:00 AM	363600.000	72.791	17.993	165.914	28992.369	33471.949	21.133	22760.928
34.492	1.015	14.787						
11/7/2016 2:05:00 AM	363900.000	72.793	17.993	165.918	28991.215	33470.809	21.132	22760.150
34.493	1.015	14.786						
11/7/2016 2:10:00 AM	364200.000	72.793	17.993	165.918	29009.805	33492.215	21.147	22774.707
34.471	1.015	14.786						
11/7/2016 2:15:00 AM	364500.000	72.795	17.993	165.923	28986.203	33465.148	21.128	22756.303
34.499	1.015	14.786						
11/7/2016 2:20:00 AM	364800.000	72.793	17.993	165.917	29002.346	33483.602	21.141	22768.850
34.480	1.015	14.786						
11/7/2016 2:25:00 AM	365100.000	72.792	17.993	165.915	28999.684	33480.586	21.139	22766.801
34.483	1.015	14.787						
11/7/2016 2:30:00 AM	365400.000	72.776	17.993	165.879	29009.564	33491.547	21.147	22774.254
34.471	1.015	14.788						
11/7/2016 2:35:00 AM	365700.000	72.803	17.993	165.941	29006.633	33488.484	21.145	22772.172
34.475	1.015	14.786						
11/7/2016 2:40:00 AM	366000.000	72.808	17.993	165.951	28995.350	33475.773	21.136	22763.527
34.488	1.015	14.783						
11/7/2016 2:45:00 AM	366300.000	72.807	17.993	165.951	28994.959	33474.883	21.135	22762.920
34.489	1.015	14.781						
11/7/2016 2:50:00 AM	366600.000	72.810	17.993	165.956	29010.695	33493.297	21.148	22775.441
34.470	1.015	14.783						
11/7/2016 2:55:00 AM	366900.000	72.810	17.993	165.957	29011.723	33494.164	21.149	22776.031
34.469	1.015	14.785						
11/7/2016 3:00:00 AM	367200.000	72.787	17.993	165.905	29025.529	33510.176	21.160	22786.920
34.452	1.015	14.787						
11/7/2016 3:05:00 AM	367500.000	72.808	17.993	165.952	29008.799	33491.238	21.147	22774.045
34.472	1.015	14.788						
11/7/2016 3:10:00 AM	367800.000	72.809	17.993	165.955	29014.297	33497.586	21.151	22778.361
34.466	1.015	14.789						
11/7/2016 3:15:00 AM	368100.000	72.808	17.993	165.952	29006.918	33488.746	21.145	22772.348
34.475	1.015	14.790						
11/7/2016 3:20:00 AM	368400.000	72.814	17.993	165.966	29004.750	33486.434	21.143	22770.777
34.477	1.015	14.788						
11/7/2016 3:25:00 AM	368700.000	72.818	17.993	165.975	28984.480	33463.160	21.127	22754.949
34.501	1.015	14.785						
11/7/2016 3:30:00 AM	369000.000	72.821	17.993	165.983	28988.658	33467.855	21.130	22758.145
34.496	1.015	14.783						
11/7/2016 3:35:00 AM	369300.000	72.819	17.993	165.978	28992.617	33472.426	21.134	22761.252
34.492	1.015	14.785						
11/7/2016 3:40:00 AM	369600.000	72.824	17.993	165.988	29003.912	33485.082	21.142	22769.857
34.478	1.015	14.787						
11/7/2016 3:45:00 AM	369900.000	72.824	17.993	165.989	29020.855	33505.102	21.156	22783.471
34.458	1.015	14.788						
11/7/2016 3:50:00 AM	370200.000	72.823	17.993	165.987	28979.021	33456.676	21.123	22750.539
34.508	1.015	14.788						
11/7/2016 3:55:00 AM	370500.000	72.824	17.993	165.987	29003.211	33484.785	21.142	22769.654
34.479	1.015	14.788						
11/7/2016 4:00:00 AM	370800.000	72.828	17.993	165.997	28983.572	33461.930	21.126	22754.113
34.502	1.015	14.788						
11/7/2016 4:05:00 AM	371100.000	72.836	17.993	166.015	28998.154	33478.570	21.138	22765.428
34.485	1.015	14.788						
11/7/2016 4:10:00 AM	371400.000	72.831	17.993	166.005	29004.508	33486.152	21.143	22770.586
34.477	1.015	14.787						
11/7/2016 4:15:00 AM	371700.000	72.835	17.993	166.014	28986.340	33465.254	21.129	22756.375
34.499	1.015	14.787						
11/7/2016 4:20:00 AM	372000.000	72.839	17.993	166.023	28994.725	33474.805	21.135	22762.869
34.489	1.015	14.790						
11/7/2016 4:25:00 AM	372300.000	72.837	17.993	166.017	29006.260	33488.176	21.145	22771.959
34.475	1.015	14.792						
11/7/2016 4:30:00 AM	372600.000	72.835	17.993	166.014	29000.924	33482.016	21.140	22767.773

34.482	1.015	14.795						
11/7/2016 4:35:00 AM	372900.000	72.839	17.993	166.022	29001.164	33482.422	21.140	22768.047
34.481	1.015	14.793						
11/7/2016 4:40:00 AM	373200.000	72.841	17.993	166.027	29016.500	33500.000	21.153	22780.000
34.463	1.015	14.791						
11/7/2016 4:45:00 AM	373500.000	72.847	17.993	166.040	28997.389	33477.879	21.137	22764.957
34.486	1.015	14.789						
11/7/2016 4:50:00 AM	373800.000	72.852	17.993	166.052	28996.734	33477.254	21.137	22764.533
34.487	1.015	14.789						
11/7/2016 4:55:00 AM	374100.000	72.847	17.994	166.040	29004.736	33485.777	21.143	22770.328
34.477	1.015	14.790						
11/7/2016 5:00:00 AM	374400.000	72.854	17.993	166.056	29003.348	33484.625	21.142	22769.547
34.479	1.015	14.790						
11/7/2016 5:05:00 AM	374700.000	72.853	17.993	166.054	29005.262	33486.832	21.144	22771.047
34.477	1.015	14.791						
11/7/2016 5:10:00 AM	375000.000	72.854	17.993	166.056	29005.461	33487.008	21.144	22771.168
34.476	1.015	14.791						
11/7/2016 5:15:00 AM	375300.000	72.852	17.993	166.052	29000.598	33481.586	21.140	22767.479
34.482	1.015	14.792						
11/7/2016 5:20:00 AM	375600.000	72.855	17.993	166.060	29009.531	33491.898	21.147	22774.492
34.471	1.015	14.793						
11/7/2016 5:25:00 AM	375900.000	72.850	17.993	166.047	29025.363	33510.176	21.160	22786.920
34.453	1.015	14.794						
11/7/2016 5:30:00 AM	376200.000	72.834	17.993	166.011	29011.781	33494.496	21.149	22776.258
34.469	1.015	14.795						
11/7/2016 5:35:00 AM	376500.000	72.858	17.993	166.065	29002.057	33483.453	21.141	22768.750
34.480	1.015	14.793						
11/7/2016 5:40:00 AM	376800.000	72.856	17.993	166.060	28984.432	33463.105	21.127	22754.914
34.501	1.015	14.792						
11/7/2016 5:45:00 AM	377100.000	72.862	17.993	166.074	28993.615	33473.652	21.134	22762.086
34.490	1.015	14.791						
11/7/2016 5:50:00 AM	377400.000	72.861	17.993	166.072	29004.002	33485.570	21.143	22770.189
34.478	1.015	14.792						
11/7/2016 5:55:00 AM	377700.000	72.859	17.993	166.068	29003.832	33485.129	21.142	22769.891
34.478	1.015	14.793						
11/7/2016 6:00:00 AM	378000.000	72.864	17.993	166.079	28988.963	33468.016	21.130	22758.252
34.496	1.015	14.795						
11/7/2016 6:05:00 AM	378300.000	72.864	17.993	166.079	28998.174	33478.520	21.138	22765.395
34.485	1.015	14.794						
11/7/2016 6:10:00 AM	378600.000	72.864	17.993	166.079	29020.928	33505.184	21.156	22783.527
34.458	1.015	14.794						
11/7/2016 6:15:00 AM	378900.000	72.864	17.993	166.079	29003.816	33485.355	21.143	22770.043
34.478	1.015	14.794						
11/7/2016 6:20:00 AM	379200.000	72.869	17.993	166.091	29019.098	33502.613	21.155	22781.779
34.460	1.015	14.792						
11/7/2016 6:25:00 AM	379500.000	72.871	17.992	166.096	29013.773	33497.172	21.151	22778.078
34.466	1.015	14.790						
11/7/2016 6:30:00 AM	379800.000	72.870	17.993	166.093	29008.621	33490.848	21.146	22773.779
34.473	1.015	14.787						
11/7/2016 6:35:00 AM	380100.000	72.871	17.993	166.096	29005.387	33487.113	21.144	22771.238
34.476	1.015	14.787						
11/7/2016 6:40:00 AM	380400.000	72.869	17.993	166.091	29000.242	33480.848	21.139	22766.977
34.482	1.015	14.788						
11/7/2016 6:45:00 AM	380700.000	72.874	17.993	166.103	29003.436	33484.793	21.142	22769.660
34.479	1.015	14.788						
11/7/2016 6:50:00 AM	381000.000	72.873	17.993	166.101	29029.455	33514.957	21.163	22790.172
34.448	1.015	14.792						
11/7/2016 6:55:00 AM	381300.000	72.870	17.993	166.092	29011.289	33493.734	21.148	22775.742
34.469	1.015	14.795						
11/7/2016 7:00:00 AM	381600.000	72.863	17.992	166.077	28998.713	33479.852	21.139	22766.301
34.484	1.015	14.799						
11/7/2016 7:05:00 AM	381900.000	72.867	17.993	166.086	28981.660	33459.586	21.125	22752.521
34.505	1.015	14.798						
11/7/2016 7:10:00 AM	382200.000	72.872	17.993	166.099	29006.637	33488.230	21.145	22771.998
34.475	1.015	14.796						
11/7/2016 7:15:00 AM	382500.000	72.877	17.993	166.109	29015.947	33499.234	21.152	22779.482
34.464	1.015	14.794						
11/7/2016 7:20:00 AM	382800.000	72.872	17.993	166.097	28994.975	33475.340	21.136	22763.230
34.489	1.015	14.797						
11/7/2016 7:25:00 AM	383100.000	72.872	17.993	166.097	29003.160	33484.543	21.142	22769.490
34.479	1.015	14.800						
11/7/2016 7:30:00 AM	383400.000	72.869	17.993	166.092	29014.727	33497.953	21.151	22778.607
34.465	1.015	14.802						
11/7/2016 7:35:00 AM	383700.000	72.873	17.993	166.100	28992.762	33472.594	21.134	22761.363
34.491	1.015	14.802						
11/7/2016 7:40:00 AM	384000.000	72.869	17.993	166.091	29011.025	33493.754	21.148	22775.754
34.470	1.015	14.802						
11/7/2016 7:45:00 AM	384300.000	72.870	17.993	166.093	29011.791	33494.508	21.149	22776.266
34.469	1.015	14.802						
11/7/2016 7:50:00 AM	384600.000	72.874	17.993	166.102	29002.588	33483.617	21.141	22768.859
34.480	1.015	14.802						
11/7/2016 7:55:00 AM	384900.000	72.872	17.993	166.098	29009.406	33491.754	21.147	22774.393
34.472	1.015	14.801						
11/7/2016 8:00:00 AM	385200.000	72.854	17.993	166.057	28997.178	33477.637	21.137	22764.793
34.486	1.015	14.801						
11/7/2016 8:05:00 AM	385500.000	72.873	17.993	166.100	28987.287	33466.148	21.129	22756.980
34.498	1.015	14.803						
11/7/2016 8:10:00 AM	385800.000	72.871	17.994	166.095	28996.941	33476.906	21.137	22764.297
34.486	1.015	14.804						
11/7/2016 8:15:00 AM	386100.000	72.869	17.993	166.091	29002.375	33483.637	21.141	22768.873
34.480	1.015	14.806						
11/7/2016 8:20:00 AM	386400.000	72.870	17.993	166.094	29004.268	33485.875	21.143	22770.395
34.478	1.015	14.805						
11/7/2016 8:25:00 AM	386700.000	72.852	17.993	166.053	29022.846	33506.941	21.158	22784.721
34.456	1.015	14.803						
11/7/2016 8:30:00 AM	387000.000	72.875	17.993	166.104	29001.836	33482.688	21.141	22768.230
34.481	1.015	14.802						
11/7/2016 8:35:00 AM	387300.000	72.871	17.993	166.096	29003.410	33484.762	21.142	22769.641
34.479	1.015	14.804						
11/7/2016 8:40:00 AM	387600.000	72.875	17.993	166.104	28987.250	33466.230	21.129	22757.039
34.498	1.015	14.806						
11/7/2016 8:45:00 AM	387900.000	72.872	17.993	166.097	29010.438	33492.809	21.148	22775.109
34.470	1.015	14.807						
11/7/2016 8:50:00 AM	388200.000	72.867	17.993	166.085	28998.566	33479.293	21.138	22765.920
34.484	1.015	14.805						
11/7/2016 8:55:00 AM	388500.000	72.876	17.993	166.107	29006.123	33488.020	21.144	22771.854
34.475	1.015	14.803						
11/7/2016 9:00:00 AM	388800.000	72.875	17.993	166.104	29009.314	33491.703	21.147	22774.359
34.472	1.015	14.800						
11/7/2016 9:05:00 AM	389100.000	72.871	17.993	166.096	29016.529	33500.105	21.153	22780.072
34.463	1.015	14.803						
11/7/2016 9:10:00 AM	389400.000	72.870	17.993	166.094	29017.430	33501.145	21.154	22780.781
34.462	1.015	14.805						
11/7/2016 9:15:00 AM	389700.000	72.868	17.993	166.088	29009.010	33491.227	21.147	22774.037
34.472	1.015	14.807						
11/7/2016 9:20:00 AM	390000.000	72.866	17.993	166.085	29006.922	33489.133	21.145	22772.611
34.475	1.015	14.809						
11/7/2016 9:25:00 AM	390300.000	72.847	17.993	166.041	29002.121	33483.344	21.141	22768.676
34.480	1.015	14.810						
11/7/2016 9:30:00 AM	390600.000	72.839	17.993	166.024	29012.223	33495.004	21.149	22776.604
34.468	1.015	14.812						
11/7/2016 9:35:00 AM	390900.000	72.869	17.993	166.091	28969.313	33445.785	21.115	22743.135
34.519	1.015	14.806						
11/7/2016 9:40:00 AM	391200.000	72.876	17.993	166.106	29029.996	33515.523	21.164	22790.559
34.447	1.015	14.799						
11/7/2016 9:45:00 AM	391500.000	72.878	17.993	166.111	28996.002	33476.406	21.136	22763.957
34.488	1.015	14.793						
11/7/2016 9:50:00 AM	391800.000	72.880	17.993	166.117	29004.844	33486.160	21.143	22770.592
34.477	1.015	14.796						
11/7/2016 9:55:00 AM	392100.000	72.873	17.993	166.101	28991.439	33471.012	21.133	22760.291
34.493	1.015	14.798						
11/7/2016 10:00:00 AM	392400.000	72.867	17.993	166.087	29005.109	33486.656	21.143	22770.928
34.477	1.015	14.800						

11/7/2016 10:05:00 AM	392700.000	72.873	17.993	166.100	29001.805	33482.785	21.141	22768.295
34.481	1.015	14.799						
11/7/2016 10:10:00 AM	393000.000	72.852	17.993	166.053	28999.797	33480.789	21.139	22766.939
34.483	1.015	14.799						
11/7/2016 10:15:00 AM	393300.000	72.875	17.993	166.104	28998.996	33479.469	21.138	22766.041
34.484	1.015	14.798						
11/7/2016 10:20:00 AM	393600.000	72.868	17.993	166.089	28997.705	33478.301	21.138	22765.246
34.485	1.015	14.798						
11/7/2016 10:25:00 AM	393900.000	72.870	17.993	166.093	29010.734	33493.152	21.148	22775.346
34.470	1.015	14.798						
11/7/2016 10:30:00 AM	394200.000	72.870	17.993	166.093	29016.150	33499.539	21.152	22779.688
34.464	1.015	14.798						
11/7/2016 10:35:00 AM	394500.000	72.869	17.993	166.091	28999.303	33480.145	21.139	22766.498
34.484	1.015	14.797						
11/7/2016 10:40:00 AM	394800.000	72.873	17.993	166.100	29028.930	33514.422	21.163	22789.809
34.448	1.015	14.795						
11/7/2016 10:45:00 AM	395100.000	72.874	17.993	166.103	29012.865	33495.930	21.150	22777.232
34.467	1.015	14.794						
11/7/2016 10:50:00 AM	395400.000	72.873	17.993	166.101	29003.912	33485.273	21.142	22769.986
34.478	1.015	14.794						
11/7/2016 10:55:00 AM	395700.000	72.872	17.993	166.097	29024.336	33508.727	21.159	22785.934
34.454	1.015	14.794						
11/7/2016 11:00:00 AM	396000.000	72.848	17.993	166.044	29007.164	33489.219	21.145	22772.670
34.474	1.015	14.795						
11/7/2016 11:05:00 AM	396300.000	72.874	17.993	166.103	28998.090	33478.555	21.138	22765.420
34.485	1.015	14.793						
11/7/2016 11:10:00 AM	396600.000	72.873	17.993	166.099	29014.551	33497.625	21.151	22778.385
34.465	1.015	14.792						
11/7/2016 11:15:00 AM	396900.000	72.872	17.993	166.098	29004.322	33485.883	21.143	22770.400
34.478	1.015	14.791						
11/7/2016 11:20:00 AM	397200.000	72.874	17.993	166.103	28991.629	33470.902	21.133	22760.213
34.493	1.015	14.789						
11/7/2016 11:25:00 AM	397500.000	72.873	17.993	166.100	29003.543	33485.113	21.142	22769.879
34.479	1.015	14.787						
11/7/2016 11:30:00 AM	397800.000	72.854	17.993	166.058	29022.430	33506.523	21.157	22784.438
34.456	1.015	14.785						
11/7/2016 11:35:00 AM	398100.000	72.873	17.993	166.100	29013.662	33496.598	21.150	22777.689
34.467	1.015	14.787						
11/7/2016 11:40:00 AM	398400.000	72.865	17.993	166.082	29004.281	33485.836	21.143	22770.371
34.478	1.015	14.790						
11/7/2016 11:45:00 AM	398700.000	72.865	17.993	166.081	28992.449	33472.176	21.133	22761.082
34.492	1.015	14.792						
11/7/2016 11:50:00 AM	399000.000	72.867	17.993	166.086	29000.582	33481.301	21.140	22767.287
34.482	1.015	14.790						
11/7/2016 11:55:00 AM	399300.000	72.845	17.993	166.037	29023.088	33507.551	21.158	22785.135
34.455	1.015	14.788						
11/7/2016 12:00:00 PM	399600.000	72.866	17.993	166.085	29021.797	33505.867	21.157	22783.990
34.457	1.015	14.787						
11/7/2016 12:05:00 PM	399900.000	72.868	17.993	166.089	29001.178	33482.117	21.140	22767.842
34.481	1.015	14.783						
11/7/2016 12:10:00 PM	400200.000	72.874	17.993	166.102	28993.779	33473.645	21.134	22762.080
34.490	1.015	14.779						
11/7/2016 12:15:00 PM	400500.000	72.858	17.993	166.067	28994.904	33474.684	21.135	22762.787
34.489	1.015	14.775						
11/7/2016 12:20:00 PM	400800.000	72.861	17.993	166.072	28993.369	33473.559	21.134	22762.020
34.491	1.015	14.773						
11/7/2016 12:25:00 PM	401100.000	72.883	17.993	166.122	29000.662	33481.469	21.140	22767.398
34.482	1.015	14.770						
11/7/2016 12:30:00 PM	401400.000	72.866	17.993	166.083	28985.668	33464.477	21.128	22755.844
34.500	1.015	14.768						
11/7/2016 12:35:00 PM	401700.000	72.881	17.994	166.119	28981.607	33459.145	21.124	22752.221
34.505	1.015	14.769						
11/7/2016 12:40:00 PM	402000.000	72.875	17.993	166.103	28997.975	33478.609	21.138	22765.455
34.485	1.015	14.771						
11/7/2016 12:45:00 PM	402300.000	72.881	17.993	166.118	29015.453	33498.789	21.152	22779.178
34.464	1.015	14.772						
11/7/2016 12:50:00 PM	402600.000	72.877	17.993	166.110	29010.012	33492.383	21.147	22774.822
34.471	1.015	14.772						
11/7/2016 12:55:00 PM	402900.000	72.880	17.993	166.117	28992.410	33472.063	21.133	22761.004
34.492	1.015	14.771						
11/7/2016 1:00:00 PM	403200.000	72.880	17.993	166.116	29026.789	33511.688	21.161	22787.949
34.451	1.015	14.771						
11/7/2016 1:05:00 PM	403500.000	72.900	17.993	166.161	28999.166	33479.605	21.139	22766.135
34.484	1.015	14.770						
11/7/2016 1:10:00 PM	403800.000	72.881	17.993	166.117	28995.588	33476.047	21.136	22763.713
34.488	1.015	14.770						
11/7/2016 1:15:00 PM	404100.000	72.881	17.993	166.119	29006.600	33488.832	21.145	22772.408
34.475	1.015	14.769						
11/7/2016 1:20:00 PM	404400.000	72.887	17.993	166.131	28998.508	33478.980	21.138	22765.709
34.485	1.015	14.770						
11/7/2016 1:25:00 PM	404700.000	72.862	17.993	166.074	29001.004	33481.789	21.140	22767.619
34.482	1.015	14.772						
11/7/2016 1:30:00 PM	405000.000	72.858	17.994	166.065	28995.369	33474.832	21.135	22762.889
34.488	1.015	14.773						
11/7/2016 1:35:00 PM	405300.000	72.860	17.993	166.071	28997.932	33478.508	21.138	22765.387
34.485	1.015	14.772						
11/7/2016 1:40:00 PM	405600.000	72.863	17.993	166.076	28999.693	33480.594	21.139	22766.805
34.483	1.015	14.771						
11/7/2016 1:45:00 PM	405900.000	72.883	17.993	166.123	28978.486	33456.055	21.122	22750.119
34.508	1.015	14.770						
11/7/2016 1:50:00 PM	406200.000	72.889	17.993	166.136	29002.658	33484.094	21.142	22769.184
34.480	1.015	14.768						
11/7/2016 1:55:00 PM	406500.000	72.887	17.993	166.132	29025.395	33510.145	21.160	22786.900
34.453	1.015	14.767						
11/7/2016 2:00:00 PM	406800.000	72.887	17.993	166.132	28992.148	33471.762	21.133	22760.799
34.492	1.015	14.765						
11/7/2016 2:05:00 PM	407100.000	72.889	17.993	166.136	29018.146	33502.090	21.154	22781.424
34.461	1.015	14.766						
11/7/2016 2:10:00 PM	407400.000	72.890	17.993	166.139	29003.887	33485.512	21.143	22770.148
34.478	1.015	14.767						
11/7/2016 2:15:00 PM	407700.000	72.893	17.993	166.146	29002.586	33484.008	21.142	22769.127
34.480	1.015	14.768						
11/7/2016 2:20:00 PM	408000.000	72.891	17.993	166.141	29005.100	33487.027	21.144	22771.182
34.477	1.015	14.769						
11/7/2016 2:25:00 PM	408300.000	72.895	17.993	166.149	28991.135	33470.789	21.132	22760.137
34.493	1.015	14.769						
11/7/2016 2:30:00 PM	408600.000	72.891	17.993	166.141	29002.141	33483.176	21.141	22768.563
34.480	1.015	14.770						
11/7/2016 2:35:00 PM	408900.000	72.870	17.993	166.093	29001.996	33483.254	21.141	22768.613
34.480	1.015	14.771						
11/7/2016 2:40:00 PM	409200.000	72.888	17.993	166.135	29002.908	33484.117	21.142	22769.199
34.479	1.015	14.771						
11/7/2016 2:45:00 PM	409500.000	72.871	17.993	166.096	29007.227	33489.102	21.145	22772.590
34.474	1.015	14.772						
11/7/2016 2:50:00 PM	409800.000	72.893	17.993	166.146	28999.934	33480.750	21.139	22766.910
34.483	1.015	14.772						
11/7/2016 2:55:00 PM	410100.000	72.894	17.993	166.148	28973.699	33450.203	21.118	22746.139
34.514	1.015	14.772						
11/7/2016 3:00:00 PM	410400.000	72.897	17.993	166.155	28997.436	33477.863	21.137	22764.947
34.486	1.015	14.772						
11/7/2016 3:05:00 PM	410700.000	72.893	17.993	166.146	29015.563	33498.793	21.152	22779.180
34.464	1.015	14.773						
11/7/2016 3:10:00 PM	411000.000	72.896	17.994	166.153	28997.938	33478.059	21.137	22765.082
34.485	1.015	14.774						
11/7/2016 3:15:00 PM	411300.000	72.896	17.993	166.152	29014.445	33497.184	21.151	22778.088
34.466	1.015	14.775						
11/7/2016 3:20:00 PM	411600.000	72.897	17.993	166.155	28997.494	33478.129	21.138	22765.127
34.486	1.015	14.775						
11/7/2016 3:25:00 PM	411900.000	72.890	17.993	166.139	29000.973	33482.262	21.140	22767.939
34.482	1.015	14.776						
11/7/2016 3:30:00 PM	412200.000	72.898	17.993	166.158	28994.926	33474.844	21.135	22762.896
34.489	1.015	14.777						
11/7/2016 3:35:00 PM	412500.000	72.897	17.993	166.155	28989.154	33468.500	21.131	22758.582

34.496	1.015	14.777						
11/7/2016 3:40:00 PM	412800.000	72.893	17.993	166.146	29010.629	33492.973	21.148	22775.221
34.470	1.015	14.777						
11/7/2016 3:45:00 PM	413100.000	72.900	17.993	166.162	29012.822	33495.508	21.150	22776.947
34.468	1.015	14.777						
11/7/2016 3:50:00 PM	413400.000	72.900	17.993	166.162	29016.275	33499.684	21.152	22779.787
34.463	1.015	14.777						
11/7/2016 3:55:00 PM	413700.000	72.893	17.993	166.146	29009.203	33491.129	21.147	22773.969
34.472	1.015	14.778						
11/7/2016 4:00:00 PM	414000.000	72.900	17.993	166.161	29004.479	33485.996	21.143	22770.479
34.477	1.015	14.779						
11/7/2016 4:05:00 PM	414300.000	72.896	17.993	166.152	29018.670	33502.313	21.154	22781.574
34.461	1.015	14.779						
11/7/2016 4:10:00 PM	414600.000	72.900	17.993	166.163	28999.916	33480.926	21.139	22767.031
34.483	1.015	14.780						
11/7/2016 4:15:00 PM	414900.000	72.897	17.993	166.156	28999.686	33480.461	21.139	22766.715
34.483	1.015	14.780						
11/7/2016 4:20:00 PM	415200.000	72.899	17.993	166.158	29012.480	33495.113	21.149	22776.678
34.468	1.015	14.779						
11/7/2016 4:25:00 PM	415500.000	72.878	17.993	166.111	29011.086	33493.559	21.148	22775.619
34.470	1.015	14.778						
11/7/2016 4:30:00 PM	415800.000	72.898	17.993	166.157	29018.203	33501.582	21.154	22781.076
34.461	1.015	14.777						
11/7/2016 4:35:00 PM	416100.000	72.896	17.993	166.153	28982.691	33461.039	21.126	22753.508
34.503	1.015	14.779						
11/7/2016 4:40:00 PM	416400.000	72.894	17.993	166.148	28995.363	33475.598	21.136	22763.406
34.488	1.015	14.781						
11/7/2016 4:45:00 PM	416700.000	72.889	17.993	166.138	28998.613	33479.477	21.138	22766.047
34.484	1.015	14.783						
11/7/2016 4:50:00 PM	417000.000	72.894	17.993	166.148	28984.115	33462.289	21.127	22754.357
34.502	1.015	14.784						
11/7/2016 4:55:00 PM	417300.000	72.890	17.993	166.138	28997.338	33477.629	21.137	22764.787
34.486	1.015	14.785						
11/7/2016 5:00:00 PM	417600.000	72.891	17.993	166.142	29014.500	33497.566	21.151	22778.348
34.466	1.015	14.786						
11/7/2016 5:05:00 PM	417900.000	72.888	17.993	166.134	29017.109	33500.457	21.153	22780.313
34.462	1.015	14.783						
11/7/2016 5:10:00 PM	418200.000	72.891	17.993	166.141	29024.115	33508.922	21.159	22786.068
34.454	1.015	14.780						
11/7/2016 5:15:00 PM	418500.000	72.898	17.993	166.158	28993.150	33472.660	21.134	22761.410
34.491	1.015	14.777						
11/7/2016 5:20:00 PM	418800.000	72.895	17.993	166.150	28995.654	33475.934	21.136	22763.635
34.488	1.015	14.780						
11/7/2016 5:25:00 PM	419100.000	72.891	17.993	166.141	29028.215	33513.598	21.162	22789.248
34.449	1.015	14.783						
11/7/2016 5:30:00 PM	419400.000	72.887	17.993	166.132	29002.975	33484.000	21.142	22769.123
34.479	1.015	14.786						
11/7/2016 5:35:00 PM	419700.000	72.885	17.993	166.128	29029.707	33515.191	21.163	22790.330
34.447	1.015	14.785						
11/7/2016 5:40:00 PM	420000.000	72.887	17.993	166.133	29003.400	33484.555	21.142	22769.498
34.479	1.015	14.784						
11/7/2016 5:45:00 PM	420300.000	72.888	17.994	166.135	28998.471	33478.672	21.138	22765.500
34.485	1.015	14.783						
11/7/2016 5:50:00 PM	420600.000	72.887	17.993	166.132	28997.621	33478.148	21.138	22765.143
34.486	1.015	14.785						
11/7/2016 5:55:00 PM	420900.000	72.882	17.993	166.122	29014.250	33497.277	21.151	22778.148
34.466	1.015	14.787						
11/7/2016 6:00:00 PM	421200.000	72.883	17.993	166.122	28987.002	33465.820	21.129	22756.760
34.498	1.015	14.790						
11/7/2016 6:05:00 PM	421500.000	72.883	17.993	166.122	29005.359	33487.211	21.144	22771.303
34.476	1.015	14.789						
11/7/2016 6:10:00 PM	421800.000	72.880	17.993	166.117	29017.479	33501.395	21.154	22780.951
34.462	1.015	14.788						
11/7/2016 6:15:00 PM	422100.000	72.879	17.993	166.115	29012.199	33494.652	21.149	22776.365
34.468	1.015	14.787						
11/7/2016 6:20:00 PM	422400.000	72.888	17.993	166.134	29020.115	33504.246	21.156	22782.889
34.459	1.015	14.785						
11/7/2016 6:25:00 PM	422700.000	72.884	17.993	166.124	28992.699	33472.328	21.133	22761.186
34.491	1.015	14.783						
11/7/2016 6:30:00 PM	423000.000	72.884	17.993	166.125	29024.477	33509.152	21.159	22786.227
34.454	1.015	14.780						
11/7/2016 6:35:00 PM	423300.000	72.886	17.993	166.129	29019.031	33502.676	21.155	22781.822
34.460	1.015	14.783						
11/7/2016 6:40:00 PM	423600.000	72.877	17.993	166.109	29009.682	33491.809	21.147	22774.432
34.471	1.015	14.786						
11/7/2016 6:45:00 PM	423900.000	72.870	17.993	166.094	29006.389	33488.078	21.144	22771.895
34.475	1.015	14.789						
11/7/2016 6:50:00 PM	424200.000	72.851	17.993	166.051	29002.383	33483.508	21.141	22768.785
34.480	1.015	14.790						
11/7/2016 6:55:00 PM	424500.000	72.871	17.994	166.095	29022.488	33506.211	21.157	22784.225
34.456	1.015	14.791						
11/7/2016 7:00:00 PM	424800.000	72.866	17.994	166.084	28995.238	33474.941	21.135	22762.963
34.488	1.015	14.792						
11/7/2016 7:05:00 PM	425100.000	72.869	17.993	166.092	29011.955	33494.430	21.149	22776.215
34.469	1.015	14.790						
11/7/2016 7:10:00 PM	425400.000	72.864	17.993	166.080	28998.848	33479.176	21.138	22765.840
34.484	1.015	14.789						
11/7/2016 7:15:00 PM	425700.000	72.868	17.993	166.089	29020.848	33504.574	21.156	22783.111
34.458	1.015	14.787						
11/7/2016 7:20:00 PM	426000.000	72.863	17.993	166.077	28998.354	33478.668	21.138	22765.496
34.485	1.015	14.788						
11/7/2016 7:25:00 PM	426300.000	72.859	17.993	166.069	28999.670	33480.512	21.139	22766.748
34.483	1.015	14.789						
11/7/2016 7:30:00 PM	426600.000	72.855	17.993	166.060	28992.949	33472.488	21.134	22761.293
34.491	1.015	14.790						
11/7/2016 7:35:00 PM	426900.000	72.835	17.993	166.014	28993.287	33473.199	21.134	22761.775
34.491	1.015	14.789						
11/7/2016 7:40:00 PM	427200.000	72.855	17.993	166.059	29007.803	33489.711	21.146	22773.004
34.473	1.015	14.789						
11/7/2016 7:45:00 PM	427500.000	72.852	17.993	166.052	29041.945	33529.055	21.173	22799.760
34.433	1.015	14.788						
11/7/2016 7:50:00 PM	427800.000	72.831	17.993	166.004	28987.551	33466.453	21.129	22757.189
34.498	1.015	14.788						
11/7/2016 7:55:00 PM	428100.000	72.850	17.993	166.047	28987.895	33466.848	21.130	22757.457
34.497	1.015	14.788						
11/7/2016 8:00:00 PM	428400.000	72.845	17.993	166.037	29005.250	33486.691	21.143	22770.953
34.477	1.015	14.787						
11/7/2016 8:05:00 PM	428700.000	72.841	17.993	166.028	29017.352	33500.789	21.153	22780.539
34.462	1.015	14.788						
11/7/2016 8:10:00 PM	429000.000	72.842	17.993	166.030	29003.934	33485.301	21.143	22770.004
34.478	1.015	14.788						
11/7/2016 8:15:00 PM	429300.000	72.837	17.993	166.018	29023.400	33507.582	21.158	22785.158
34.455	1.015	14.788						
11/7/2016 8:20:00 PM	429600.000	72.837	17.993	166.019	29028.406	33513.691	21.162	22789.313
34.449	1.015	14.787						
11/7/2016 8:25:00 PM	429900.000	72.832	17.993	166.005	29005.451	33487.117	21.144	22771.242
34.476	1.015	14.785						
11/7/2016 8:30:00 PM	430200.000	72.830	17.993	166.002	29007.996	33489.934	21.146	22773.154
34.473	1.015	14.784						
11/7/2016 8:35:00 PM	430500.000	72.830	17.994	166.003	28991.729	33470.758	21.132	22760.117
34.493	1.015	14.784						
11/7/2016 8:40:00 PM	430800.000	72.831	17.994	166.005	29017.771	33500.953	21.153	22780.648
34.462	1.015	14.784						
11/7/2016 8:45:00 PM	431100.000	72.823	17.993	165.985	29003.832	33485.055	21.142	22769.838
34.478	1.015	14.784						
11/7/2016 8:50:00 PM	431400.000	72.827	17.993	165.995	29015.309	33498.180	21.151	22778.764
34.465	1.015	14.783						
11/7/2016 8:55:00 PM	431700.000	72.803	17.994	165.941	29007.422	33489.008	21.145	22772.525
34.474	1.015	14.783						
11/7/2016 9:00:00 PM	432000.000	72.824	17.993	165.989	29007.160	33488.770	21.145	22772.363
34.474	1.015	14.783						
11/7/2016 9:05:00 PM	432300.000	72.818	17.993	165.974	28990.410	33469.633	21.132	22759.350
34.494	1.015	14.782						

11/7/2016 9:10:00 PM	432600.000	72.801	17.993	165.936	29005.289	33486.863	21.144	22771.066
34.476	1.015	14.781						
11/7/2016 9:15:00 PM	432900.000	72.823	17.993	165.986	29010.188	33492.328	21.147	22774.783
34.471	1.015	14.779						
11/7/2016 9:20:00 PM	433200.000	72.796	17.993	165.926	29025.461	33510.219	21.160	22786.951
34.453	1.015	14.781						
11/7/2016 9:25:00 PM	433500.000	72.808	17.993	165.952	29026.266	33511.219	21.161	22787.631
34.452	1.015	14.782						
11/7/2016 9:30:00 PM	433800.000	72.810	17.993	165.955	29015.002	33498.215	21.151	22778.787
34.465	1.015	14.783						
11/7/2016 9:35:00 PM	434100.000	72.808	17.993	165.952	28994.365	33474.520	21.135	22762.674
34.489	1.015	14.782						
11/7/2016 9:40:00 PM	434400.000	72.803	17.993	165.941	29024.311	33508.961	21.159	22786.094
34.454	1.015	14.781						
11/7/2016 9:45:00 PM	434700.000	72.803	17.993	165.941	29014.740	33498.098	21.151	22778.707
34.465	1.015	14.780						
11/7/2016 9:50:00 PM	435000.000	72.804	17.993	165.942	28997.475	33478.227	21.138	22765.193
34.486	1.015	14.780						
11/7/2016 9:55:00 PM	435300.000	72.802	17.993	165.937	29018.395	33501.805	21.154	22781.227
34.461	1.015	14.780						
11/7/2016 10:00:00 PM	435600.000	72.798	17.993	165.930	29014.129	33497.070	21.151	22778.010
34.466	1.015	14.779						
11/7/2016 10:05:00 PM	435900.000	72.796	17.994	165.925	28997.350	33477.379	21.137	22764.617
34.486	1.015	14.781						
11/7/2016 10:10:00 PM	436200.000	72.796	17.993	165.925	29008.830	33491.145	21.147	22773.979
34.472	1.015	14.783						
11/7/2016 10:15:00 PM	436500.000	72.791	17.994	165.914	29005.643	33486.895	21.144	22771.090
34.476	1.015	14.784						
11/7/2016 10:20:00 PM	436800.000	72.773	17.993	165.872	29000.311	33481.309	21.140	22767.293
34.482	1.015	14.784						
11/7/2016 10:25:00 PM	437100.000	72.793	17.993	165.918	29002.482	33483.762	21.141	22768.961
34.480	1.015	14.784						
11/7/2016 10:30:00 PM	437400.000	72.786	17.993	165.902	29001.523	33482.836	21.141	22768.330
34.481	1.015	14.784						
11/7/2016 10:35:00 PM	437700.000	72.786	17.993	165.901	29015.727	33498.859	21.152	22779.227
34.464	1.015	14.784						
11/7/2016 10:40:00 PM	438000.000	72.791	17.993	165.914	29021.643	33505.746	21.157	22783.908
34.457	1.015	14.785						
11/7/2016 10:45:00 PM	438300.000	72.755	17.993	165.831	29024.291	33508.992	21.159	22786.115
34.454	1.015	14.785						
11/7/2016 10:50:00 PM	438600.000	72.782	17.993	165.893	29004.584	33485.859	21.143	22770.387
34.477	1.015	14.784						
11/7/2016 10:55:00 PM	438900.000	72.780	17.994	165.888	29025.643	33510.043	21.160	22786.830
34.452	1.015	14.782						
11/7/2016 11:00:00 PM	439200.000	72.781	17.993	165.890	28997.445	33477.680	21.137	22764.824
34.486	1.015	14.780						
11/7/2016 11:05:00 PM	439500.000	72.781	17.993	165.890	29023.588	33507.738	21.158	22785.264
34.455	1.015	14.782						
11/7/2016 11:10:00 PM	439800.000	72.754	17.993	165.828	29003.963	33485.715	21.143	22770.289
34.478	1.015	14.784						
11/7/2016 11:15:00 PM	440100.000	72.770	17.993	165.865	28996.941	33477.293	21.137	22764.559
34.486	1.015	14.786						
11/7/2016 11:20:00 PM	440400.000	72.749	17.993	165.817	28982.650	33460.535	21.125	22753.164
34.503	1.015	14.784						
11/7/2016 11:25:00 PM	440700.000	72.750	17.993	165.819	28986.941	33465.430	21.129	22756.492
34.498	1.015	14.781						
11/7/2016 11:30:00 PM	441000.000	72.773	17.993	165.871	29006.574	33488.348	21.145	22772.078
34.475	1.015	14.779						
11/7/2016 11:35:00 PM	441300.000	72.773	17.993	165.872	29017.965	33501.633	21.154	22781.113
34.461	1.015	14.780						
11/7/2016 11:40:00 PM	441600.000	72.769	17.993	165.862	29006.951	33488.727	21.145	22772.336
34.474	1.015	14.781						
11/7/2016 11:45:00 PM	441900.000	72.765	17.993	165.855	28995.336	33475.441	21.136	22763.303
34.488	1.015	14.783						
11/7/2016 11:50:00 PM	442200.000	72.768	17.993	165.860	28994.201	33474.008	21.135	22762.328
34.490	1.015	14.780						
11/7/2016 11:55:00 PM	442500.000	72.768	17.993	165.861	28984.725	33463.441	21.127	22755.143
34.501	1.015	14.778						
11/8/2016 12:00:00 AM	442800.000	72.774	17.993	165.873	28994.861	33474.824	21.135	22762.883
34.489	1.015	14.776						
11/8/2016 12:05:00 AM	443100.000	72.769	17.993	165.864	29017.996	33501.535	21.154	22781.047
34.461	1.015	14.776						
11/8/2016 12:10:00 AM	443400.000	72.770	17.993	165.865	29022.219	33506.410	21.157	22784.361
34.456	1.015	14.776						
11/8/2016 12:15:00 AM	443700.000	72.768	17.993	165.861	28986.768	33465.480	21.129	22756.529
34.499	1.015	14.776						
11/8/2016 12:20:00 AM	444000.000	72.769	17.993	165.862	29017.082	33500.426	21.153	22780.291
34.462	1.015	14.775						
11/8/2016 12:25:00 AM	444300.000	72.768	17.993	165.861	29006.617	33488.465	21.145	22772.158
34.475	1.015	14.774						
11/8/2016 12:30:00 AM	444600.000	72.770	17.993	165.866	29017.723	33501.285	21.154	22780.877
34.462	1.015	14.773						
11/8/2016 12:35:00 AM	444900.000	72.765	17.994	165.855	29028.473	33513.117	21.162	22788.922
34.449	1.015	14.775						
11/8/2016 12:40:00 AM	445200.000	72.761	17.992	165.846	29015.311	33499.016	21.152	22779.332
34.465	1.015	14.777						
11/8/2016 12:45:00 AM	445500.000	72.758	17.993	165.839	29021.209	33505.508	21.157	22783.746
34.458	1.015	14.779						
11/8/2016 12:50:00 AM	445800.000	72.759	17.993	165.841	29010.395	33492.895	21.148	22775.170
34.470	1.015	14.778						
11/8/2016 12:55:00 AM	446100.000	72.760	17.993	165.843	29030.590	33516.020	21.164	22790.895
34.446	1.015	14.777						
11/8/2016 1:00:00 AM	446400.000	72.748	17.993	165.815	29003.424	33484.977	21.142	22769.787
34.479	1.015	14.776						
11/8/2016 1:05:00 AM	446700.000	72.765	17.994	165.854	29004.369	33485.480	21.143	22770.129
34.478	1.015	14.776						
11/8/2016 1:10:00 AM	447000.000	72.748	17.993	165.815	29012.686	33495.469	21.150	22776.920
34.468	1.015	14.776						
11/8/2016 1:15:00 AM	447300.000	72.764	17.993	165.852	29012.408	33494.953	21.149	22776.570
34.468	1.015	14.777						
11/8/2016 1:20:00 AM	447600.000	72.745	17.993	165.809	29008.689	33490.789	21.146	22773.736
34.472	1.015	14.778						
11/8/2016 1:25:00 AM	447900.000	72.769	17.993	165.862	29001.980	33483.500	21.141	22768.779
34.480	1.015	14.779						
11/8/2016 1:30:00 AM	448200.000	72.746	17.993	165.811	29011.814	33494.535	21.149	22776.285
34.469	1.015	14.781						
11/8/2016 1:35:00 AM	448500.000	72.768	17.993	165.861	29014.828	33498.012	21.151	22778.650
34.465	1.015	14.780						
11/8/2016 1:40:00 AM	448800.000	72.765	17.993	165.854	29011.064	33493.914	21.148	22775.861
34.470	1.015	14.779						
11/8/2016 1:45:00 AM	449100.000	72.767	17.993	165.859	29003.725	33485.250	21.142	22769.973
34.478	1.015	14.778						
11/8/2016 1:50:00 AM	449400.000	72.766	17.993	165.856	29003.965	33485.281	21.142	22769.992
34.478	1.015	14.778						
11/8/2016 1:55:00 AM	449700.000	72.768	17.993	165.861	29029.354	33515.031	21.163	22790.223
34.448	1.015	14.778						
11/8/2016 2:00:00 AM	450000.000	72.773	17.993	165.872	29002.500	33483.781	21.141	22768.973
34.480	1.015	14.778						
11/8/2016 2:05:00 AM	450300.000	72.774	17.993	165.874	29008.904	33491.305	21.147	22774.090
34.472	1.015	14.778						
11/8/2016 2:10:00 AM	450600.000	72.774	17.993	165.875	29010.438	33493.000	21.148	22775.242
34.470	1.015	14.777						
11/8/2016 2:15:00 AM	450900.000	72.779	17.994	165.886	29006.408	33487.836	21.144	22771.730
34.475	1.015	14.777						
11/8/2016 2:20:00 AM	451200.000	72.753	17.993	165.826	29027.203	33512.164	21.161	22788.273
34.450	1.015	14.776						
11/8/2016 2:25:00 AM	451500.000	72.778	17.993	165.884	29018.449	33502.004	21.154	22781.365
34.461	1.015	14.775						
11/8/2016 2:30:00 AM	451800.000	72.786	17.993	165.902	29022.963	33507.461	21.158	22785.076
34.455	1.015	14.773						
11/8/2016 2:35:00 AM	452100.000	72.780	17.993	165.887	29014.916	33498.113	21.151	22778.717
34.465	1.015	14.774						
11/8/2016 2:40:00 AM	452400.000	72.763	17.993	165.849	28986.186	33464.809	21.128	22756.070

34.499	1.015	14.774						
11/8/2016 2:45:00 AM	452700.000	72.782	17.993	165.893	28990.553	33470.043	21.132	22759.631
34.494	1.015	14.774						
11/8/2016 2:50:00 AM	453000.000	72.790	17.993	165.910	28997.512	33477.887	21.137	22764.963
34.486	1.015	14.773						
11/8/2016 2:55:00 AM	453300.000	72.786	17.993	165.901	29014.932	33497.996	21.151	22778.637
34.465	1.015	14.773						
11/8/2016 3:00:00 AM	453600.000	72.794	17.993	165.919	29004.059	33485.898	21.143	22770.412
34.478	1.015	14.772						
11/8/2016 3:05:00 AM	453900.000	72.768	17.993	165.862	28989.400	33468.656	21.131	22758.686
34.495	1.015	14.773						
11/8/2016 3:10:00 AM	454200.000	72.792	17.993	165.916	29011.053	33493.520	21.148	22775.594
34.470	1.015	14.774						
11/8/2016 3:15:00 AM	454500.000	72.792	17.993	165.916	28997.607	33477.867	21.137	22764.949
34.486	1.015	14.775						
11/8/2016 3:20:00 AM	454800.000	72.776	17.993	165.879	29011.324	33493.777	21.148	22775.770
34.469	1.015	14.774						
11/8/2016 3:25:00 AM	455100.000	72.796	17.993	165.924	29022.887	33507.316	21.158	22784.975
34.456	1.015	14.774						
11/8/2016 3:30:00 AM	455400.000	72.797	17.993	165.926	29011.891	33494.621	21.149	22776.342
34.469	1.015	14.773						
11/8/2016 3:35:00 AM	455700.000	72.801	17.993	165.937	28989.932	33469.133	21.131	22759.010
34.495	1.015	14.773						
11/8/2016 3:40:00 AM	456000.000	72.810	17.993	165.956	28995.969	33476.238	21.136	22763.844
34.488	1.015	14.772						
11/8/2016 3:45:00 AM	456300.000	72.808	17.993	165.951	28996.924	33477.078	21.137	22764.416
34.486	1.015	14.772						
11/8/2016 3:50:00 AM	456600.000	72.807	17.993	165.949	29016.512	33499.566	21.152	22779.707
34.463	1.015	14.773						
11/8/2016 3:55:00 AM	456900.000	72.806	17.993	165.947	29020.010	33503.859	21.155	22782.625
34.459	1.015	14.773						
11/8/2016 4:00:00 AM	457200.000	72.808	17.994	165.953	29006.910	33488.414	21.145	22772.121
34.475	1.015	14.774						
11/8/2016 4:05:00 AM	457500.000	72.816	17.993	165.969	29002.049	33483.066	21.141	22768.488
34.480	1.015	14.773						
11/8/2016 4:10:00 AM	457800.000	72.811	17.993	165.958	29019.824	33503.711	21.155	22782.523
34.459	1.015	14.772						
11/8/2016 4:15:00 AM	458100.000	72.822	17.993	165.985	29001.740	33482.902	21.141	22768.373
34.481	1.015	14.772						
11/8/2016 4:20:00 AM	458400.000	72.817	17.993	165.974	28992.627	33472.055	21.133	22761.000
34.492	1.015	14.773						
11/8/2016 4:25:00 AM	458700.000	72.821	17.993	165.983	29013.891	33496.797	21.150	22777.822
34.466	1.015	14.774						
11/8/2016 4:30:00 AM	459000.000	72.800	17.993	165.934	29017.850	33501.113	21.154	22780.760
34.462	1.015	14.775						
11/8/2016 4:35:00 AM	459300.000	72.823	17.993	165.987	29032.410	33518.176	21.165	22792.359
34.444	1.015	14.773						
11/8/2016 4:40:00 AM	459600.000	72.829	17.993	165.999	29014.758	33497.934	21.151	22778.598
34.465	1.015	14.771						
11/8/2016 4:45:00 AM	459900.000	72.834	17.993	166.012	29015.842	33499.367	21.152	22779.572
34.464	1.015	14.769						
11/8/2016 4:50:00 AM	460200.000	72.833	17.993	166.010	28999.811	33480.730	21.139	22766.896
34.483	1.015	14.770						
11/8/2016 4:55:00 AM	460500.000	72.834	17.993	166.012	28986.117	33465.051	21.128	22756.234
34.499	1.015	14.772						
11/8/2016 5:00:00 AM	460800.000	72.834	17.993	166.012	29021.805	33506.000	21.157	22784.080
34.457	1.015	14.773						
11/8/2016 5:05:00 AM	461100.000	72.839	17.993	166.023	29008.836	33491.152	21.147	22773.984
34.472	1.015	14.774						
11/8/2016 5:10:00 AM	461400.000	72.840	17.993	166.025	29023.680	33507.969	21.158	22785.422
34.455	1.015	14.774						
11/8/2016 5:15:00 AM	461700.000	72.842	17.993	166.030	29005.932	33487.871	21.144	22771.754
34.476	1.015	14.775						
11/8/2016 5:20:00 AM	462000.000	72.824	17.993	165.989	29027.398	33512.582	21.161	22788.557
34.450	1.015	14.776						
11/8/2016 5:25:00 AM	462300.000	72.849	17.993	166.045	29010.834	33493.137	21.148	22775.336
34.470	1.015	14.777						
11/8/2016 5:30:00 AM	462600.000	72.852	17.993	166.053	28988.453	33467.617	21.130	22757.982
34.496	1.015	14.778						
11/8/2016 5:35:00 AM	462900.000	72.849	17.993	166.045	28992.119	33471.797	21.133	22760.824
34.492	1.015	14.778						
11/8/2016 5:40:00 AM	463200.000	72.848	17.993	166.044	29002.828	33484.090	21.142	22769.182
34.479	1.015	14.779						
11/8/2016 5:45:00 AM	463500.000	72.830	17.993	166.003	29023.926	33508.324	21.159	22785.662
34.454	1.015	14.779						
11/8/2016 5:50:00 AM	463800.000	72.854	17.993	166.056	29011.850	33494.574	21.149	22776.313
34.469	1.015	14.780						
11/8/2016 5:55:00 AM	464100.000	72.854	17.993	166.056	29018.725	33502.512	21.154	22781.709
34.461	1.015	14.781						
11/8/2016 6:00:00 AM	464400.000	72.852	17.993	166.052	29007.717	33489.613	21.146	22772.938
34.474	1.015	14.782						
11/8/2016 6:05:00 AM	464700.000	72.859	17.993	166.069	28995.232	33475.254	21.136	22763.174
34.488	1.015	14.781						
11/8/2016 6:10:00 AM	465000.000	72.839	17.993	166.023	29005.498	33486.977	21.144	22771.145
34.476	1.015	14.779						
11/8/2016 6:15:00 AM	465300.000	72.865	17.993	166.083	29002.816	33484.078	21.142	22769.174
34.479	1.015	14.778						
11/8/2016 6:20:00 AM	465600.000	72.866	17.993	166.084	28996.039	33476.055	21.136	22763.717
34.487	1.015	14.778						
11/8/2016 6:25:00 AM	465900.000	72.866	17.993	166.084	29000.951	33482.121	21.140	22767.844
34.482	1.015	14.778						
11/8/2016 6:30:00 AM	466200.000	72.864	17.993	166.079	29018.178	33501.746	21.154	22781.189
34.461	1.015	14.777						
11/8/2016 6:35:00 AM	466500.000	72.872	17.993	166.099	29031.146	33517.102	21.165	22791.629
34.446	1.015	14.779						
11/8/2016 6:40:00 AM	466800.000	72.863	17.993	166.076	29009.293	33491.555	21.147	22774.260
34.472	1.015	14.781						
11/8/2016 6:45:00 AM	467100.000	72.865	17.993	166.081	29018.793	33502.719	21.155	22781.852
34.460	1.015	14.783						
11/8/2016 6:50:00 AM	467400.000	72.862	17.992	166.075	29020.750	33505.297	21.156	22783.602
34.458	1.015	14.786						
11/8/2016 6:55:00 AM	467700.000	72.862	17.993	166.076	29001.822	33483.055	21.141	22768.479
34.481	1.015	14.789						
11/8/2016 7:00:00 AM	468000.000	72.861	17.993	166.073	28997.291	33477.438	21.137	22764.660
34.486	1.015	14.791						
11/8/2016 7:05:00 AM	468300.000	72.862	17.993	166.074	29003.023	33484.195	21.142	22769.254
34.479	1.015	14.790						
11/8/2016 7:10:00 AM	468600.000	72.845	17.993	166.035	29024.164	33508.602	21.159	22785.850
34.454	1.015	14.789						
11/8/2016 7:15:00 AM	468900.000	72.872	17.993	166.098	29021.207	33505.508	21.157	22783.746
34.458	1.015	14.788						
11/8/2016 7:20:00 AM	469200.000	72.869	17.993	166.092	29010.117	33492.703	21.148	22775.039
34.471	1.015	14.788						
11/8/2016 7:25:00 AM	469500.000	72.872	17.993	166.098	28985.742	33464.297	21.128	22755.725
34.500	1.015	14.788						
11/8/2016 7:30:00 AM	469800.000	72.872	17.993	166.098	29012.781	33495.781	21.150	22777.133
34.468	1.015	14.788						
11/8/2016 7:35:00 AM	470100.000	72.869	17.993	166.091	28992.586	33472.336	21.133	22761.189
34.492	1.015	14.789						
11/8/2016 7:40:00 AM	470400.000	72.874	17.993	166.102	29005.311	33487.023	21.144	22771.178
34.476	1.015	14.790						
11/8/2016 7:45:00 AM	470700.000	72.875	17.993	166.105	28998.678	33479.102	21.138	22765.791
34.484	1.015	14.791						
11/8/2016 7:50:00 AM	471000.000	72.874	17.992	166.103	29008.430	33491.195	21.147	22774.016
34.473	1.015	14.794						
11/8/2016 7:55:00 AM	471300.000	72.850	17.993	166.047	28998.627	33479.238	21.138	22765.885
34.484	1.015	14.797						
11/8/2016 8:00:00 AM	471600.000	72.868	17.993	166.089	29031.043	33516.344	21.164	22791.115
34.446	1.015	14.800						
11/8/2016 8:05:00 AM	471900.000	72.871	17.993	166.095	29013.275	33496.223	21.150	22777.434
34.467	1.015	14.800						
11/8/2016 8:10:00 AM	472200.000	72.869	17.993	166.091	29007.963	33490.332	21.146	22773.426
34.473	1.015	14.800						

11/8/2016 8:15:00 AM	472500.000	72.873	17.993	166.100	29011.320	33493.773	21.148	22775.766
34.469	1.015	14.800						
11/8/2016 8:20:00 AM	472800.000	72.864	17.993	166.080	28994.916	33475.078	21.135	22763.055
34.489	1.015	14.802						
11/8/2016 8:25:00 AM	473100.000	72.865	17.992	166.081	28993.604	33473.887	21.135	22762.246
34.490	1.015	14.804						
11/8/2016 8:30:00 AM	473400.000	72.866	17.993	166.084	29019.453	33503.219	21.155	22782.189
34.460	1.015	14.806						
11/8/2016 8:35:00 AM	473700.000	72.872	17.993	166.098	29004.555	33486.281	21.143	22770.674
34.477	1.015	14.804						
11/8/2016 8:40:00 AM	474000.000	72.871	17.993	166.097	28984.785	33463.457	21.127	22755.152
34.501	1.015	14.802						
11/8/2016 8:45:00 AM	474300.000	72.869	17.993	166.092	29022.281	33506.617	21.157	22784.502
34.456	1.015	14.800						
11/8/2016 8:50:00 AM	474600.000	72.870	17.993	166.093	29002.016	33483.277	21.141	22768.629
34.480	1.015	14.803						
11/8/2016 8:55:00 AM	474900.000	72.867	17.993	166.087	29020.170	33504.363	21.156	22782.969
34.459	1.015	14.805						
11/8/2016 9:00:00 AM	475200.000	72.863	17.993	166.077	29007.867	33489.906	21.146	22773.139
34.473	1.015	14.807						
11/8/2016 9:05:00 AM	475500.000	72.868	17.993	166.089	29033.801	33519.781	21.166	22793.451
34.443	1.015	14.807						
11/8/2016 9:10:00 AM	475800.000	72.859	17.993	166.069	29018.580	33502.211	21.154	22781.506
34.461	1.015	14.807						
11/8/2016 9:15:00 AM	476100.000	72.865	17.993	166.081	29012.514	33495.590	21.150	22777.002
34.468	1.015	14.807						
11/8/2016 9:20:00 AM	476400.000	72.870	17.993	166.092	29002.213	33483.449	21.141	22768.748
34.480	1.015	14.806						
11/8/2016 9:25:00 AM	476700.000	72.845	17.993	166.037	29011.346	33494.047	21.149	22775.951
34.469	1.015	14.806						
11/8/2016 9:30:00 AM	477000.000	72.858	17.993	166.067	29011.125	33493.738	21.148	22775.744
34.470	1.015	14.806						
11/8/2016 9:35:00 AM	477300.000	72.865	17.993	166.083	29000.668	33481.793	21.140	22767.619
34.482	1.015	14.804						
11/8/2016 9:40:00 AM	477600.000	72.868	17.992	166.088	28985.627	33464.680	21.128	22755.982
34.500	1.015	14.803						
11/8/2016 9:45:00 AM	477900.000	72.862	17.993	166.076	29002.900	33483.977	21.142	22769.104
34.479	1.015	14.802						
11/8/2016 9:50:00 AM	478200.000	72.849	17.993	166.046	28994.092	33474.074	21.135	22762.373
34.490	1.015	14.801						
11/8/2016 9:55:00 AM	478500.000	72.861	17.993	166.074	28995.313	33475.219	21.136	22763.148
34.488	1.015	14.801						
11/8/2016 10:00:00 AM	478800.000	72.843	17.993	166.031	28993.213	33472.793	21.134	22761.502
34.491	1.015	14.800						
11/8/2016 10:05:00 AM	479100.000	72.862	17.993	166.075	29017.506	33501.035	21.153	22780.707
34.462	1.015	14.800						
11/8/2016 10:10:00 AM	479400.000	72.861	17.993	166.073	29011.266	33493.832	21.148	22775.809
34.469	1.015	14.800						
11/8/2016 10:15:00 AM	479700.000	72.865	17.993	166.082	29023.900	33508.352	21.159	22785.682
34.454	1.015	14.800						
11/8/2016 10:20:00 AM	480000.000	72.859	17.993	166.069	29029.098	33514.297	21.163	22789.725
34.448	1.015	14.800						
11/8/2016 10:25:00 AM	480300.000	72.862	17.993	166.076	28992.754	33472.461	21.134	22761.273
34.491	1.015	14.801						
11/8/2016 10:30:00 AM	480600.000	72.856	17.993	166.061	28999.137	33479.828	21.139	22766.285
34.484	1.015	14.801						
11/8/2016 10:35:00 AM	480900.000	72.860	17.993	166.070	29015.186	33498.609	21.152	22779.057
34.465	1.015	14.800						
11/8/2016 10:40:00 AM	481200.000	72.841	17.993	166.026	29007.928	33489.781	21.146	22773.053
34.473	1.015	14.798						
11/8/2016 10:45:00 AM	481500.000	72.839	17.993	166.023	29001.805	33483.160	21.141	22768.549
34.481	1.015	14.796						
11/8/2016 10:50:00 AM	481800.000	72.862	17.993	166.074	29006.969	33488.676	21.145	22772.301
34.474	1.015	14.796						
11/8/2016 10:55:00 AM	482100.000	72.858	17.993	166.067	29008.951	33491.160	21.147	22773.988
34.472	1.015	14.796						
11/8/2016 11:00:00 AM	482400.000	72.854	17.993	166.056	29035.498	33521.688	21.168	22794.748
34.441	1.015	14.797						
11/8/2016 11:05:00 AM	482700.000	72.837	17.993	166.017	29021.422	33505.434	21.157	22783.697
34.457	1.015	14.794						
11/8/2016 11:10:00 AM	483000.000	72.858	17.993	166.066	29009.367	33491.383	21.147	22774.141
34.472	1.015	14.792						
11/8/2016 11:15:00 AM	483300.000	72.841	17.993	166.027	29002.443	33483.770	21.141	22768.965
34.480	1.015	14.790						
11/8/2016 11:20:00 AM	483600.000	72.840	17.993	166.024	29026.314	33511.137	21.160	22787.572
34.451	1.015	14.789						
11/8/2016 11:25:00 AM	483900.000	72.858	17.993	166.065	29008.811	33490.738	21.146	22773.705
34.472	1.015	14.788						
11/8/2016 11:30:00 AM	484200.000	72.857	17.993	166.064	29026.434	33511.660	21.161	22787.932
34.451	1.015	14.788						
11/8/2016 11:35:00 AM	484500.000	72.855	17.993	166.060	29006.127	33488.023	21.144	22771.855
34.475	1.015	14.788						
11/8/2016 11:40:00 AM	484800.000	72.853	17.993	166.055	29010.748	33493.305	21.148	22775.447
34.470	1.015	14.788						
11/8/2016 11:45:00 AM	485100.000	72.830	17.993	166.003	29002.691	33483.867	21.142	22769.029
34.480	1.015	14.789						
11/8/2016 11:50:00 AM	485400.000	72.833	17.993	166.010	29006.834	33488.594	21.145	22772.246
34.475	1.015	14.786						
11/8/2016 11:55:00 AM	485700.000	72.850	17.993	166.048	29015.881	33499.285	21.152	22779.514
34.464	1.015	14.784						
11/8/2016 12:00:00 PM	486000.000	72.858	17.993	166.065	29011.908	33494.961	21.149	22776.574
34.469	1.015	14.781						
11/8/2016 12:05:00 PM	486300.000	72.855	17.993	166.060	29006.957	33488.789	21.145	22772.379
34.474	1.015	14.782						
11/8/2016 12:10:00 PM	486600.000	72.853	17.993	166.055	28988.297	33467.512	21.130	22757.910
34.497	1.015	14.783						
11/8/2016 12:15:00 PM	486900.000	72.852	17.993	166.052	29006.580	33488.227	21.145	22771.996
34.475	1.015	14.784						
11/8/2016 12:20:00 PM	487200.000	72.852	17.993	166.052	29034.729	33520.852	21.167	22794.180
34.442	1.015	14.782						
11/8/2016 12:25:00 PM	487500.000	72.855	17.993	166.059	29006.994	33489.098	21.145	22772.586
34.474	1.015	14.781						
11/8/2016 12:30:00 PM	487800.000	72.856	17.993	166.062	29010.869	33493.250	21.148	22775.412
34.470	1.015	14.780						
11/8/2016 12:35:00 PM	488100.000	72.872	17.993	166.097	29020.813	33505.105	21.156	22783.475
34.458	1.015	14.780						
11/8/2016 12:40:00 PM	488400.000	72.846	17.993	166.038	29016.309	33499.852	21.153	22779.900
34.463	1.015	14.781						
11/8/2016 12:45:00 PM	488700.000	72.831	17.993	166.004	28999.830	33480.629	21.139	22766.828
34.483	1.015	14.781						
11/8/2016 12:50:00 PM	489000.000	72.832	17.993	166.007	28998.166	33478.449	21.138	22765.346
34.485	1.015	14.781						
11/8/2016 12:55:00 PM	489300.000	72.849	17.993	166.045	28992.158	33472.023	21.133	22760.977
34.492	1.015	14.780						
11/8/2016 1:00:00 PM	489600.000	72.852	17.993	166.052	29009.371	33491.715	21.147	22774.369
34.472	1.015	14.780						
11/8/2016 1:05:00 PM	489900.000	72.848	17.993	166.042	29019.303	33503.309	21.155	22782.252
34.460	1.015	14.777						
11/8/2016 1:10:00 PM	490200.000	72.849	17.993	166.044	29013.998	33497.055	21.151	22778.000
34.466	1.015	14.775						
11/8/2016 1:15:00 PM	490500.000	72.852	17.993	166.052	29005.330	33487.047	21.144	22771.193
34.476	1.015	14.773						
11/8/2016 1:20:00 PM	490800.000	72.849	17.993	166.045	29029.996	33515.457	21.163	22790.512
34.447	1.015	14.774						
11/8/2016 1:25:00 PM	491100.000	72.854	17.993	166.057	29004.658	33486.008	21.143	22770.486
34.477	1.015	14.775						
11/8/2016 1:30:00 PM	491400.000	72.856	17.993	166.061	29017.334	33500.715	21.153	22780.486
34.462	1.015	14.776						
11/8/2016 1:35:00 PM	491700.000	72.850	17.993	166.047	28988.061	33467.109	21.130	22757.635
34.497	1.015	14.774						
11/8/2016 1:40:00 PM	492000.000	72.850	17.993	166.048	29010.508	33493.348	21.148	22775.479
34.470	1.015	14.773						
11/8/2016 1:45:00 PM	492300.000	72.851	17.993	166.050	29001.852	33482.961	21.141	22768.416

34.481	1.015	14.771						
11/8/2016 1:50:00 PM	492600.000	72.853	17.993	166.054	29004.742	33486.043	21.143	22770.512
34.477	1.015	14.772						
11/8/2016 1:55:00 PM	492900.000	72.833	17.993	166.009	29026.539	33511.270	21.161	22787.664
34.451	1.015	14.773						
11/8/2016 2:00:00 PM	493200.000	72.851	17.993	166.051	29019.502	33503.082	21.155	22782.098
34.460	1.015	14.775						
11/8/2016 2:05:00 PM	493500.000	72.853	17.993	166.053	28991.482	33470.992	21.133	22760.277
34.493	1.015	14.773						
11/8/2016 2:10:00 PM	493800.000	72.856	17.993	166.061	28992.227	33471.918	21.133	22760.906
34.492	1.015	14.771						
11/8/2016 2:15:00 PM	494100.000	72.841	17.993	166.027	28998.174	33478.648	21.138	22765.482
34.485	1.015	14.769						
11/8/2016 2:20:00 PM	494400.000	72.860	17.993	166.071	29022.064	33506.297	21.157	22784.283
34.457	1.015	14.769						
11/8/2016 2:25:00 PM	494700.000	72.842	17.993	166.030	29007.430	33489.402	21.145	22772.795
34.474	1.015	14.769						
11/8/2016 2:30:00 PM	495000.000	72.863	17.993	166.077	29035.520	33521.637	21.168	22794.715
34.441	1.015	14.769						
11/8/2016 2:35:00 PM	495300.000	72.858	17.993	166.066	28999.520	33480.148	21.139	22766.502
34.483	1.015	14.772						
11/8/2016 2:40:00 PM	495600.000	72.837	17.993	166.017	29012.531	33495.172	21.149	22776.719
34.468	1.015	14.776						
11/8/2016 2:45:00 PM	495900.000	72.853	17.993	166.054	29007.324	33489.406	21.145	22772.799
34.474	1.015	14.779						
11/8/2016 2:50:00 PM	496200.000	72.851	17.993	166.050	29024.736	33509.125	21.159	22786.205
34.453	1.015	14.778						
11/8/2016 2:55:00 PM	496500.000	72.836	17.993	166.017	28998.326	33478.770	21.138	22765.566
34.485	1.015	14.777						
11/8/2016 3:00:00 PM	496800.000	72.855	17.993	166.058	29008.885	33491.336	21.147	22774.111
34.472	1.015	14.776						
11/8/2016 3:05:00 PM	497100.000	72.860	17.994	166.071	29018.000	33501.219	21.154	22780.828
34.461	1.015	14.772						
11/8/2016 3:10:00 PM	497400.000	72.866	17.993	166.084	29009.855	33492.203	21.147	22774.699
34.471	1.015	14.769						
11/8/2016 3:15:00 PM	497700.000	72.871	17.993	166.095	28997.152	33477.414	21.137	22764.643
34.486	1.015	14.766						
11/8/2016 3:20:00 PM	498000.000	72.873	17.993	166.100	29030.725	33516.230	21.164	22791.039
34.446	1.015	14.766						
11/8/2016 3:25:00 PM	498300.000	72.871	17.993	166.097	29012.936	33496.074	21.150	22777.330
34.467	1.015	14.767						
11/8/2016 3:30:00 PM	498600.000	72.868	17.993	166.088	29021.723	33505.973	21.157	22784.063
34.457	1.015	14.767						
11/8/2016 3:35:00 PM	498900.000	72.866	17.993	166.084	29007.744	33489.766	21.146	22773.043
34.474	1.015	14.769						
11/8/2016 3:40:00 PM	499200.000	72.866	17.993	166.085	29005.445	33487.363	21.144	22771.410
34.476	1.015	14.772						
11/8/2016 3:45:00 PM	499500.000	72.862	17.993	166.075	29010.641	33493.180	21.148	22775.363
34.470	1.015	14.774						
11/8/2016 3:50:00 PM	499800.000	72.864	17.993	166.081	28988.723	33467.805	21.130	22758.107
34.496	1.015	14.772						
11/8/2016 3:55:00 PM	500100.000	72.868	17.993	166.088	28998.246	33478.734	21.138	22765.541
34.485	1.015	14.770						
11/8/2016 4:00:00 PM	500400.000	72.868	17.993	166.090	28998.525	33479.055	21.138	22765.758
34.485	1.015	14.767						
11/8/2016 4:05:00 PM	500700.000	72.857	17.993	166.063	29027.254	33512.168	21.161	22788.277
34.450	1.015	14.768						
11/8/2016 4:10:00 PM	501000.000	72.872	17.993	166.099	29020.016	33503.934	21.155	22782.676
34.459	1.015	14.768						
11/8/2016 4:15:00 PM	501300.000	72.873	17.993	166.101	29033.654	33519.484	21.166	22793.252
34.443	1.015	14.768						
11/8/2016 4:20:00 PM	501600.000	72.857	17.993	166.063	28995.070	33475.203	21.135	22763.141
34.489	1.015	14.769						
11/8/2016 4:25:00 PM	501900.000	72.849	17.993	166.045	29024.559	33509.055	21.159	22786.160
34.454	1.015	14.770						
11/8/2016 4:30:00 PM	502200.000	72.852	17.993	166.051	29002.914	33484.258	21.142	22769.297
34.479	1.015	14.771						
11/8/2016 4:35:00 PM	502500.000	72.868	17.993	166.090	29029.770	33515.129	21.163	22790.289
34.447	1.015	14.773						
11/8/2016 4:40:00 PM	502800.000	72.873	17.993	166.100	29004.414	33485.602	21.143	22770.211
34.478	1.015	14.775						
11/8/2016 4:45:00 PM	503100.000	72.852	17.993	166.051	29033.396	33519.184	21.166	22793.047
34.443	1.015	14.777						
11/8/2016 4:50:00 PM	503400.000	72.871	17.993	166.096	29031.877	33517.883	21.165	22792.162
34.445	1.015	14.775						
11/8/2016 4:55:00 PM	503700.000	72.873	17.992	166.100	29014.631	33498.164	21.151	22778.754
34.465	1.015	14.773						
11/8/2016 5:00:00 PM	504000.000	72.857	17.993	166.065	28987.746	33466.801	21.130	22757.426
34.497	1.015	14.771						
11/8/2016 5:05:00 PM	504300.000	72.857	17.993	166.065	29010.676	33493.082	21.148	22775.297
34.470	1.015	14.771						
11/8/2016 5:10:00 PM	504600.000	72.859	17.993	166.068	29020.432	33504.668	21.156	22783.174
34.458	1.015	14.772						
11/8/2016 5:15:00 PM	504900.000	72.874	17.993	166.101	29021.867	33505.875	21.157	22783.996
34.457	1.015	14.772						
11/8/2016 5:20:00 PM	505200.000	72.879	17.993	166.113	28996.258	33476.383	21.136	22763.943
34.487	1.015	14.771						
11/8/2016 5:25:00 PM	505500.000	72.876	17.993	166.106	28993.537	33473.242	21.134	22761.807
34.490	1.015	14.770						
11/8/2016 5:30:00 PM	505800.000	72.880	17.993	166.115	28982.982	33461.180	21.126	22753.604
34.503	1.015	14.769						
11/8/2016 5:35:00 PM	506100.000	72.877	17.993	166.108	29007.316	33489.395	21.145	22772.791
34.474	1.015	14.771						
11/8/2016 5:40:00 PM	506400.000	72.880	17.993	166.116	28998.096	33478.559	21.138	22765.422
34.485	1.015	14.773						
11/8/2016 5:45:00 PM	506700.000	72.875	17.993	166.105	29033.461	33519.391	21.166	22793.186
34.443	1.015	14.775						
11/8/2016 5:50:00 PM	507000.000	72.875	17.993	166.104	29037.910	33524.527	21.170	22796.680
34.438	1.015	14.776						
11/8/2016 5:55:00 PM	507300.000	72.876	17.994	166.108	29042.650	33529.547	21.173	22800.092
34.432	1.015	14.777						
11/8/2016 6:00:00 PM	507600.000	72.876	17.993	166.106	29010.523	33493.043	21.148	22775.270
34.470	1.015	14.777						
11/8/2016 6:05:00 PM	507900.000	72.878	17.993	166.112	29031.234	33516.953	21.165	22791.531
34.446	1.015	14.776						
11/8/2016 6:10:00 PM	508200.000	72.883	17.993	166.123	28997.076	33477.254	21.137	22764.533
34.486	1.015	14.774						
11/8/2016 6:15:00 PM	508500.000	72.863	17.993	166.077	29027.879	33512.891	21.162	22788.768
34.450	1.015	14.772						
11/8/2016 6:20:00 PM	508800.000	72.876	17.993	166.108	29014.857	33497.977	21.151	22778.625
34.465	1.015	14.774						
11/8/2016 6:25:00 PM	509100.000	72.864	17.993	166.078	28997.664	33478.008	21.137	22765.045
34.486	1.015	14.775						
11/8/2016 6:30:00 PM	509400.000	72.876	17.993	166.107	28999.975	33480.863	21.139	22766.986
34.483	1.015	14.777						
11/8/2016 6:35:00 PM	509700.000	72.855	17.993	166.059	28997.664	33477.934	21.137	22764.996
34.486	1.015	14.779						
11/8/2016 6:40:00 PM	510000.000	72.877	17.993	166.109	29033.551	33519.363	21.166	22793.170
34.443	1.015	14.780						
11/8/2016 6:45:00 PM	510300.000	72.871	17.993	166.096	29006.143	33487.918	21.144	22771.785
34.475	1.015	14.781						
11/8/2016 6:50:00 PM	510600.000	72.876	17.993	166.106	29009.596	33491.973	21.147	22774.541
34.471	1.015	14.781						
11/8/2016 6:55:00 PM	510900.000	72.870	17.993	166.093	29022.246	33506.578	21.157	22784.473
34.456	1.015	14.781						
11/8/2016 7:00:00 PM	511200.000	72.871	17.993	166.096	29027.715	33512.625	21.162	22788.588
34.450	1.015	14.781						
11/8/2016 7:05:00 PM	511500.000	72.872	17.993	166.098	29009.477	33491.445	21.147	22774.186
34.471	1.015	14.781						
11/8/2016 7:10:00 PM	511800.000	72.872	17.993	166.097	29000.273	33481.074	21.140	22767.131
34.482	1.015	14.781						
11/8/2016 7:15:00 PM	512100.000	72.873	17.994	166.101	28981.541	33459.129	21.124	22752.209
34.505	1.015	14.781						

11/8/2016 7:20:00 PM	512400.000	72.875	17.994	166.104	28998.230	33478.336	21.138	22765.270
34.485	1.015	14.782						
11/8/2016 7:25:00 PM	512700.000	72.870	17.993	166.092	29031.459	33516.887	21.164	22791.482
34.445	1.015	14.783						
11/8/2016 7:30:00 PM	513000.000	72.866	17.993	166.084	29008.645	33490.875	21.146	22773.797
34.472	1.015	14.784						
11/8/2016 7:35:00 PM	513300.000	72.868	17.993	166.089	29004.488	33486.008	21.143	22770.486
34.477	1.015	14.785						
11/8/2016 7:40:00 PM	513600.000	72.869	17.993	166.090	29024.375	33509.090	21.159	22786.182
34.454	1.015	14.785						
11/8/2016 7:45:00 PM	513900.000	72.863	17.993	166.077	29006.801	33488.609	21.145	22772.256
34.475	1.015	14.786						
11/8/2016 7:50:00 PM	514200.000	72.860	17.993	166.070	29028.533	33513.570	21.162	22789.230
34.449	1.015	14.786						
11/8/2016 7:55:00 PM	514500.000	72.858	17.993	166.065	29022.002	33506.297	21.157	22784.283
34.457	1.015	14.786						
11/8/2016 8:00:00 PM	514800.000	72.860	17.993	166.070	29006.086	33487.730	21.144	22771.658
34.476	1.015	14.786						
11/8/2016 8:05:00 PM	515100.000	72.835	17.993	166.014	29021.193	33505.035	21.156	22783.424
34.458	1.015	14.787						
11/8/2016 8:10:00 PM	515400.000	72.854	17.993	166.057	29031.104	33516.613	21.164	22791.299
34.446	1.015	14.788						
11/8/2016 8:15:00 PM	515700.000	72.857	17.993	166.064	29020.250	33504.137	21.156	22782.814
34.459	1.015	14.789						
11/8/2016 8:20:00 PM	516000.000	72.837	17.993	166.017	28998.920	33479.578	21.139	22766.115
34.484	1.015	14.788						
11/8/2016 8:25:00 PM	516300.000	72.854	17.993	166.057	28995.266	33475.039	21.135	22763.029
34.488	1.015	14.787						
11/8/2016 8:30:00 PM	516600.000	72.852	17.993	166.052	29004.914	33486.500	21.143	22770.820
34.477	1.015	14.785						
11/8/2016 8:35:00 PM	516900.000	72.848	17.993	166.043	28998.922	33479.648	21.139	22766.162
34.484	1.015	14.788						
11/8/2016 8:40:00 PM	517200.000	72.844	17.993	166.035	29030.539	33516.207	21.164	22791.023
34.446	1.015	14.791						
11/8/2016 8:45:00 PM	517500.000	72.822	17.993	165.983	29038.844	33525.672	21.171	22797.459
34.437	1.015	14.794						
11/8/2016 8:50:00 PM	517800.000	72.821	17.993	165.982	29010.293	33492.641	21.148	22774.998
34.471	1.015	14.792						
11/8/2016 8:55:00 PM	518100.000	72.841	17.993	166.027	29000.414	33481.500	21.140	22767.422
34.482	1.015	14.791						
11/8/2016 9:00:00 PM	518400.000	72.836	17.993	166.017	28988.059	33466.918	21.130	22757.506
34.497	1.015	14.789						
11/8/2016 9:05:00 PM	518700.000	72.822	17.993	165.984	29012.568	33495.215	21.149	22776.746
34.468	1.015	14.788						
11/8/2016 9:10:00 PM	519000.000	72.822	17.993	165.983	28996.029	33476.047	21.136	22763.713
34.487	1.015	14.786						
11/8/2016 9:15:00 PM	519300.000	72.844	17.993	166.033	29022.949	33507.254	21.158	22784.936
34.455	1.015	14.785						
11/8/2016 9:20:00 PM	519600.000	72.835	17.993	166.014	29031.596	33517.426	21.165	22791.852
34.445	1.015	14.788						
11/8/2016 9:25:00 PM	519900.000	72.833	17.992	166.009	29002.617	33484.359	21.142	22769.367
34.480	1.015	14.790						
11/8/2016 9:30:00 PM	520200.000	72.828	17.993	165.998	29007.707	33489.656	21.146	22772.969
34.474	1.015	14.792						
11/8/2016 9:35:00 PM	520500.000	72.828	17.993	165.998	29004.641	33486.379	21.143	22770.738
34.477	1.015	14.793						
11/8/2016 9:40:00 PM	520800.000	72.829	17.993	166.000	29011.170	33493.598	21.148	22775.648
34.469	1.015	14.793						
11/8/2016 9:45:00 PM	521100.000	72.829	17.993	165.999	29030.113	33515.844	21.164	22790.775
34.447	1.015	14.794						
11/8/2016 9:50:00 PM	521400.000	72.823	17.993	165.985	28996.926	33477.207	21.137	22764.504
34.486	1.015	14.795						
11/8/2016 9:55:00 PM	521700.000	72.803	17.994	165.940	29018.705	33501.902	21.154	22781.293
34.461	1.015	14.796						
11/8/2016 10:00:00 PM	522000.000	72.816	17.993	165.970	29013.498	33496.477	21.150	22777.605
34.467	1.015	14.797						
11/8/2016 10:05:00 PM	522300.000	72.814	17.993	165.965	29008.760	33490.816	21.146	22773.756
34.472	1.015	14.797						
11/8/2016 10:10:00 PM	522600.000	72.810	17.993	165.957	29036.141	33522.426	21.168	22795.252
34.440	1.015	14.796						
11/8/2016 10:15:00 PM	522900.000	72.808	17.993	165.951	29009.768	33492.172	21.147	22774.680
34.471	1.015	14.796						
11/8/2016 10:20:00 PM	523200.000	72.808	17.993	165.953	29007.480	33489.340	21.145	22772.752
34.474	1.015	14.796						
11/8/2016 10:25:00 PM	523500.000	72.807	17.993	165.950	29006.057	33487.941	21.144	22771.801
34.476	1.015	14.796						
11/8/2016 10:30:00 PM	523800.000	72.803	17.993	165.941	29001.740	33483.086	21.141	22768.500
34.481	1.015	14.796						
11/8/2016 10:35:00 PM	524100.000	72.803	17.993	165.941	29001.953	33483.148	21.141	22768.541
34.480	1.015	14.799						
11/8/2016 10:40:00 PM	524400.000	72.799	17.993	165.931	29024.320	33508.781	21.159	22785.973
34.454	1.015	14.802						
11/8/2016 10:45:00 PM	524700.000	72.789	17.993	165.909	29004.893	33486.598	21.143	22770.887
34.477	1.015	14.805						
11/8/2016 10:50:00 PM	525000.000	72.793	17.993	165.918	28997.252	33477.457	21.137	22764.674
34.486	1.015	14.803						
11/8/2016 10:55:00 PM	525300.000	72.800	17.993	165.933	28999.715	33480.375	21.139	22766.654
34.483	1.015	14.801						
11/8/2016 11:00:00 PM	525600.000	72.791	17.993	165.913	29016.912	33500.227	21.153	22780.154
34.463	1.015	14.799						
11/8/2016 11:05:00 PM	525900.000	72.796	17.993	165.924	29044.877	33532.953	21.176	22802.410
34.429	1.015	14.798						
11/8/2016 11:10:00 PM	526200.000	72.792	17.993	165.916	29025.055	33509.875	21.160	22786.717
34.453	1.015	14.796						
11/8/2016 11:15:00 PM	526500.000	72.775	17.993	165.876	28987.602	33466.445	21.129	22757.186
34.498	1.015	14.795						
11/8/2016 11:20:00 PM	526800.000	72.791	17.993	165.914	29009.926	33492.164	21.147	22774.674
34.471	1.015	14.794						
11/8/2016 11:25:00 PM	527100.000	72.772	17.993	165.869	28988.881	33467.988	21.130	22758.234
34.496	1.015	14.792						
11/8/2016 11:30:00 PM	527400.000	72.790	17.993	165.912	28999.434	33480.238	21.139	22766.563
34.483	1.015	14.791						
11/8/2016 11:35:00 PM	527700.000	72.786	17.993	165.902	29015.723	33498.977	21.152	22779.307
34.464	1.015	14.792						
11/8/2016 11:40:00 PM	528000.000	72.783	17.993	165.894	28998.295	33478.789	21.138	22765.578
34.485	1.015	14.793						
11/8/2016 11:45:00 PM	528300.000	72.778	17.993	165.883	29010.129	33492.590	21.148	22774.961
34.471	1.015	14.795						
11/8/2016 11:50:00 PM	528600.000	72.784	17.993	165.896	28993.088	33472.777	21.134	22761.490
34.491	1.015	14.791						
11/8/2016 11:55:00 PM	528900.000	72.782	17.993	165.892	28996.645	33476.828	21.137	22764.246
34.487	1.015	14.788						
11/9/2016 12:00:00 AM	529200.000	72.766	17.993	165.856	29010.824	33493.574	21.148	22775.633
34.470	1.015	14.784						
11/9/2016 12:05:00 AM	529500.000	72.782	17.993	165.892	29021.414	33505.426	21.156	22783.691
34.457	1.015	14.785						
11/9/2016 12:10:00 AM	529800.000	72.777	17.993	165.882	29047.580	33535.883	21.178	22804.402
34.426	1.015	14.785						
11/9/2016 12:15:00 AM	530100.000	72.758	17.993	165.838	29039.607	33526.293	21.171	22797.881
34.436	1.015	14.786						
11/9/2016 12:20:00 AM	530400.000	72.776	17.993	165.880	29006.381	33487.996	21.144	22771.840
34.475	1.015	14.787						
11/9/2016 12:25:00 AM	530700.000	72.773	17.993	165.872	29021.129	33504.961	21.156	22783.375
34.458	1.015	14.788						
11/9/2016 12:30:00 AM	531000.000	72.771	17.993	165.869	29025.453	33510.336	21.160	22787.031
34.453	1.015	14.789						
11/9/2016 12:35:00 AM	531300.000	72.775	17.993	165.877	29035.807	33522.480	21.168	22795.289
34.440	1.015	14.788						
11/9/2016 12:40:00 AM	531600.000	72.774	17.993	165.874	29012.508	33495.391	21.150	22776.867
34.468	1.015	14.787						
11/9/2016 12:45:00 AM	531900.000	72.771	17.993	165.867	29017.559	33501.352	21.154	22780.922
34.462	1.015	14.786						
11/9/2016 12:50:00 AM	532200.000	72.773	17.993	165.872	29024.090	33508.570	21.159	22785.830

34.454	1.015	14.784						
11/9/2016 12:55:00 AM	532500.000	72.779	17.993	165.887	29015.920	33499.137	21.152	22779.416
34.464	1.015	14.782						
11/9/2016 1:00:00 AM	532800.000	72.770	17.993	165.865	29043.754	33531.020	21.174	22801.094
34.431	1.015	14.781						
11/9/2016 1:05:00 AM	533100.000	72.772	17.993	165.870	29035.391	33521.488	21.168	22794.613
34.441	1.015	14.781						
11/9/2016 1:10:00 AM	533400.000	72.776	17.993	165.879	29032.428	33518.066	21.165	22792.285
34.444	1.015	14.782						
11/9/2016 1:15:00 AM	533700.000	72.770	17.993	165.865	29003.801	33485.281	21.142	22769.992
34.478	1.015	14.782						
11/9/2016 1:20:00 AM	534000.000	72.771	17.993	165.867	29031.500	33517.445	21.165	22791.865
34.445	1.015	14.781						
11/9/2016 1:25:00 AM	534300.000	72.751	17.994	165.822	29019.951	33503.473	21.155	22782.361
34.459	1.015	14.780						
11/9/2016 1:30:00 AM	534600.000	72.774	17.994	165.875	29006.369	33487.793	21.144	22771.699
34.475	1.015	14.779						
11/9/2016 1:35:00 AM	534900.000	72.774	17.993	165.875	29010.957	33493.598	21.148	22775.648
34.470	1.015	14.780						
11/9/2016 1:40:00 AM	535200.000	72.766	17.993	165.857	29000.682	33481.680	21.140	22767.543
34.482	1.015	14.782						
11/9/2016 1:45:00 AM	535500.000	72.749	17.993	165.818	29009.600	33491.840	21.147	22774.453
34.471	1.015	14.783						
11/9/2016 1:50:00 AM	535800.000	72.762	17.993	165.847	29004.797	33486.488	21.143	22770.813
34.477	1.015	14.783						
11/9/2016 1:55:00 AM	536100.000	72.774	17.993	165.875	29009.492	33491.465	21.147	22774.199
34.471	1.015	14.782						
11/9/2016 2:00:00 AM	536400.000	72.751	17.993	165.822	29007.170	33489.035	21.145	22772.547
34.474	1.015	14.782						
11/9/2016 2:05:00 AM	536700.000	72.774	17.993	165.874	29005.902	33487.516	21.144	22771.514
34.476	1.015	14.782						
11/9/2016 2:10:00 AM	537000.000	72.770	17.993	165.866	29026.496	33511.805	21.161	22788.029
34.451	1.015	14.783						
11/9/2016 2:15:00 AM	537300.000	72.772	17.993	165.870	29011.330	33493.648	21.148	22775.682
34.469	1.015	14.783						
11/9/2016 2:20:00 AM	537600.000	72.770	17.993	165.866	29016.148	33499.469	21.152	22779.641
34.464	1.015	14.782						
11/9/2016 2:25:00 AM	537900.000	72.771	17.993	165.868	29035.512	33521.949	21.168	22794.928
34.441	1.015	14.782						
11/9/2016 2:30:00 AM	538200.000	72.776	17.993	165.879	28996.096	33476.250	21.136	22763.852
34.487	1.015	14.781						
11/9/2016 2:35:00 AM	538500.000	72.772	17.993	165.870	29000.527	33481.434	21.140	22767.375
34.482	1.015	14.781						
11/9/2016 2:40:00 AM	538800.000	72.781	17.993	165.890	29035.889	33522.258	21.168	22795.135
34.440	1.015	14.781						
11/9/2016 2:45:00 AM	539100.000	72.780	17.992	165.888	29032.020	33518.238	21.165	22792.404
34.445	1.015	14.781						
11/9/2016 2:50:00 AM	539400.000	72.779	17.993	165.886	29025.877	33510.633	21.160	22787.230
34.452	1.015	14.781						
11/9/2016 2:55:00 AM	539700.000	72.760	17.993	165.843	29006.918	33488.938	21.145	22772.480
34.475	1.015	14.781						
11/9/2016 3:00:00 AM	540000.000	72.775	17.993	165.876	29000.195	33481.250	21.140	22767.252
34.483	1.015	14.781						
11/9/2016 3:05:00 AM	540300.000	72.784	17.993	165.898	28980.959	33459.094	21.124	22752.184
34.505	1.015	14.779						
11/9/2016 3:10:00 AM	540600.000	72.785	17.993	165.900	29039.297	33526.262	21.171	22797.859
34.436	1.015	14.777						
11/9/2016 3:15:00 AM	540900.000	72.782	17.993	165.893	29006.582	33488.426	21.145	22772.129
34.475	1.015	14.774						
11/9/2016 3:20:00 AM	541200.000	72.794	17.992	165.921	29010.518	33493.414	21.148	22775.521
34.470	1.015	14.774						
11/9/2016 3:25:00 AM	541500.000	72.795	17.993	165.923	29012.191	33494.898	21.149	22776.533
34.468	1.015	14.774						
11/9/2016 3:30:00 AM	541800.000	72.791	17.993	165.914	29010.285	33492.824	21.148	22775.121
34.471	1.015	14.774						
11/9/2016 3:35:00 AM	542100.000	72.798	17.993	165.928	29008.361	33490.219	21.146	22773.350
34.473	1.015	14.773						
11/9/2016 3:40:00 AM	542400.000	72.779	17.993	165.885	29008.342	33490.523	21.146	22773.559
34.473	1.015	14.772						
11/9/2016 3:45:00 AM	542700.000	72.802	17.993	165.937	29027.623	33512.395	21.161	22788.430
34.450	1.015	14.771						
11/9/2016 3:50:00 AM	543000.000	72.784	17.993	165.896	29014.590	33497.547	21.151	22778.334
34.465	1.015	14.771						
11/9/2016 3:55:00 AM	543300.000	72.807	17.993	165.949	29020.617	33504.945	21.156	22783.365
34.458	1.015	14.772						
11/9/2016 4:00:00 AM	543600.000	72.804	17.993	165.943	29024.400	33509.121	21.159	22786.203
34.454	1.015	14.772						
11/9/2016 4:05:00 AM	543900.000	72.806	17.993	165.947	29001.346	33482.184	21.140	22767.885
34.481	1.015	14.771						
11/9/2016 4:10:00 AM	544200.000	72.809	17.993	165.954	29006.900	33488.988	21.145	22772.512
34.475	1.015	14.770						
11/9/2016 4:15:00 AM	544500.000	72.792	17.993	165.916	28995.750	33476.309	21.136	22763.891
34.488	1.015	14.770						
11/9/2016 4:20:00 AM	544800.000	72.819	17.993	165.976	28997.045	33477.219	21.137	22764.512
34.486	1.015	14.768						
11/9/2016 4:25:00 AM	545100.000	72.821	17.993	165.982	29009.088	33491.387	21.147	22774.143
34.472	1.015	14.767						
11/9/2016 4:30:00 AM	545400.000	72.817	17.993	165.972	28994.568	33474.555	21.135	22762.699
34.489	1.015	14.766						
11/9/2016 4:35:00 AM	545700.000	72.826	17.993	165.993	29004.932	33486.262	21.143	22770.658
34.477	1.015	14.767						
11/9/2016 4:40:00 AM	546000.000	72.824	17.994	165.989	29006.754	33488.176	21.145	22771.959
34.475	1.015	14.767						
11/9/2016 4:45:00 AM	546300.000	72.832	17.993	166.006	28995.689	33475.848	21.136	22763.576
34.488	1.015	14.767						
11/9/2016 4:50:00 AM	546600.000	72.826	17.993	165.993	28996.947	33477.105	21.137	22764.434
34.486	1.015	14.768						
11/9/2016 4:55:00 AM	546900.000	72.829	17.993	166.000	29009.488	33491.656	21.147	22774.326
34.471	1.015	14.769						
11/9/2016 5:00:00 AM	547200.000	72.833	17.993	166.009	29003.307	33484.711	21.142	22769.604
34.479	1.015	14.771						
11/9/2016 5:05:00 AM	547500.000	72.813	17.993	165.963	29017.529	33501.316	21.154	22780.895
34.462	1.015	14.772						
11/9/2016 5:10:00 AM	547800.000	72.813	17.993	165.964	29041.662	33528.859	21.173	22799.625
34.433	1.015	14.774						
11/9/2016 5:15:00 AM	548100.000	72.831	17.993	166.004	29004.602	33486.016	21.143	22770.490
34.477	1.015	14.776						
11/9/2016 5:20:00 AM	548400.000	72.840	17.993	166.025	29008.363	33490.359	21.146	22773.447
34.473	1.015	14.772						
11/9/2016 5:25:00 AM	548700.000	72.827	17.993	165.996	29025.766	33510.824	21.160	22787.363
34.452	1.015	14.768						
11/9/2016 5:30:00 AM	549000.000	72.832	17.993	166.006	29026.832	33511.680	21.161	22787.945
34.451	1.015	14.764						
11/9/2016 5:35:00 AM	549300.000	72.851	17.993	166.050	29000.813	33481.762	21.140	22767.600
34.482	1.015	14.766						
11/9/2016 5:40:00 AM	549600.000	72.848	17.993	166.044	29019.773	33503.652	21.155	22782.486
34.459	1.015	14.769						
11/9/2016 5:45:00 AM	549900.000	72.851	17.993	166.050	29015.783	33499.172	21.152	22779.438
34.464	1.015	14.772						
11/9/2016 5:50:00 AM	550200.000	72.852	17.993	166.052	29013.930	33496.648	21.150	22777.721
34.466	1.015	14.769						
11/9/2016 5:55:00 AM	550500.000	72.862	17.993	166.075	28988.309	33467.133	21.130	22757.652
34.497	1.015	14.767						
11/9/2016 6:00:00 AM	550800.000	72.848	17.993	166.043	29022.982	33507.484	21.158	22785.092
34.455	1.015	14.764						
11/9/2016 6:05:00 AM	551100.000	72.864	17.993	166.081	29027.205	33512.168	21.161	22788.277
34.450	1.015	14.767						
11/9/2016 6:10:00 AM	551400.000	72.868	17.993	166.089	29031.475	33517.039	21.165	22791.588
34.445	1.015	14.770						
11/9/2016 6:15:00 AM	551700.000	72.862	17.992	166.074	29018.020	33502.145	21.154	22781.459
34.461	1.015	14.772						
11/9/2016 6:20:00 AM	552000.000	72.866	17.993	166.084	28995.984	33476.258	21.136	22763.857
34.488	1.015	14.772						

11/9/2016 6:25:00 AM	552300.000	72.869	17.993	166.092	29027.545	33512.559	21.161	22788.541
34.450	1.015	14.772						
11/9/2016 6:30:00 AM	552600.000	72.869	17.993	166.091	29014.775	33497.563	21.151	22778.344
34.465	1.015	14.771						
11/9/2016 6:35:00 AM	552900.000	72.869	17.993	166.091	29042.715	33530.207	21.174	22800.543
34.432	1.015	14.773						
11/9/2016 6:40:00 AM	553200.000	72.866	17.993	166.084	28993.066	33472.754	21.134	22761.475
34.491	1.015	14.774						
11/9/2016 6:45:00 AM	553500.000	72.851	17.993	166.050	29008.918	33491.438	21.147	22774.180
34.472	1.015	14.775						
11/9/2016 6:50:00 AM	553800.000	72.870	17.993	166.093	29005.926	33487.543	21.144	22771.529
34.476	1.015	14.774						
11/9/2016 6:55:00 AM	554100.000	72.873	17.993	166.100	29039.266	33526.410	21.171	22797.961
34.436	1.015	14.772						
11/9/2016 7:00:00 AM	554400.000	72.880	17.993	166.116	29006.803	33488.879	21.145	22772.438
34.475	1.015	14.770						
11/9/2016 7:05:00 AM	554700.000	72.856	17.993	166.061	28992.520	33471.992	21.133	22760.955
34.492	1.015	14.774						
11/9/2016 7:10:00 AM	555000.000	72.881	17.993	166.117	29013.428	33496.328	21.150	22777.506
34.467	1.015	14.777						
11/9/2016 7:15:00 AM	555300.000	72.879	17.993	166.114	29018.432	33502.172	21.154	22781.477
34.461	1.015	14.781						
11/9/2016 7:20:00 AM	555600.000	72.858	17.993	166.067	29051.676	33540.227	21.181	22807.354
34.421	1.015	14.779						
11/9/2016 7:25:00 AM	555900.000	72.862	17.993	166.075	29030.867	33516.660	21.164	22791.330
34.446	1.015	14.777						
11/9/2016 7:30:00 AM	556200.000	72.882	17.993	166.120	29019.043	33502.551	21.155	22781.736
34.460	1.015	14.775						
11/9/2016 7:35:00 AM	556500.000	72.885	17.993	166.127	29000.109	33480.754	21.139	22766.912
34.483	1.015	14.777						
11/9/2016 7:40:00 AM	556800.000	72.883	17.993	166.124	29012.742	33495.535	21.150	22776.967
34.468	1.015	14.779						
11/9/2016 7:45:00 AM	557100.000	72.885	17.993	166.128	29023.061	33507.328	21.158	22784.982
34.455	1.015	14.781						
11/9/2016 7:50:00 AM	557400.000	72.892	17.993	166.142	29037.148	33523.516	21.169	22795.992
34.439	1.015	14.779						
11/9/2016 7:55:00 AM	557700.000	72.867	17.993	166.087	29039.654	33526.285	21.171	22797.877
34.436	1.015	14.778						
11/9/2016 8:00:00 AM	558000.000	72.895	17.993	166.150	28987.963	33466.996	21.130	22757.557
34.497	1.015	14.776						
11/9/2016 8:05:00 AM	558300.000	72.888	17.993	166.135	29023.766	33508.195	21.158	22785.574
34.455	1.015	14.778						
11/9/2016 8:10:00 AM	558600.000	72.872	17.993	166.097	29004.818	33486.512	21.143	22770.830
34.477	1.015	14.779						
11/9/2016 8:15:00 AM	558900.000	72.888	17.992	166.135	29020.908	33505.477	21.157	22783.727
34.458	1.015	14.781						
11/9/2016 8:20:00 AM	559200.000	72.883	17.993	166.122	29010.289	33492.828	21.148	22775.123
34.471	1.015	14.782						
11/9/2016 8:25:00 AM	559500.000	72.885	17.993	166.127	29038.916	33525.559	21.170	22797.383
34.437	1.015	14.783						
11/9/2016 8:30:00 AM	559800.000	72.867	17.993	166.086	29018.889	33502.703	21.155	22781.840
34.460	1.015	14.784						
11/9/2016 8:35:00 AM	560100.000	72.881	17.993	166.118	29018.641	33502.277	21.154	22781.549
34.461	1.015	14.782						
11/9/2016 8:40:00 AM	560400.000	72.887	17.993	166.131	29002.242	33483.414	21.141	22768.725
34.480	1.015	14.779						
11/9/2016 8:45:00 AM	560700.000	72.890	17.993	166.140	29014.270	33497.301	21.151	22778.166
34.466	1.015	14.777						
11/9/2016 8:50:00 AM	561000.000	72.896	17.993	166.153	29019.922	33503.895	21.155	22782.650
34.459	1.015	14.775						
11/9/2016 8:55:00 AM	561300.000	72.888	17.993	166.134	29008.410	33490.535	21.146	22773.564
34.473	1.015	14.772						
11/9/2016 9:00:00 AM	561600.000	72.893	17.993	166.146	29003.760	33485.418	21.143	22770.084
34.478	1.015	14.769						
11/9/2016 9:05:00 AM	561900.000	72.878	17.993	166.112	28989.184	33468.141	21.131	22758.338
34.496	1.015	14.770						
11/9/2016 9:10:00 AM	562200.000	72.890	17.993	166.139	29022.848	33507.520	21.158	22785.115
34.456	1.015	14.772						
11/9/2016 9:15:00 AM	562500.000	72.864	17.993	166.080	28996.613	33476.848	21.137	22764.258
34.487	1.015	14.773						
11/9/2016 9:20:00 AM	562800.000	72.887	17.993	166.132	29040.500	33527.324	21.172	22798.582
34.435	1.015	14.773						
11/9/2016 9:25:00 AM	563100.000	72.888	17.993	166.134	29007.842	33490.078	21.146	22773.254
34.473	1.015	14.772						
11/9/2016 9:30:00 AM	563400.000	72.891	17.993	166.141	29016.531	33499.789	21.153	22779.857
34.463	1.015	14.772						
11/9/2016 9:35:00 AM	563700.000	72.889	17.993	166.136	29034.645	33520.500	21.167	22793.939
34.442	1.015	14.771						
11/9/2016 9:40:00 AM	564000.000	72.869	17.993	166.091	29032.449	33518.164	21.165	22792.354
34.444	1.015	14.770						
11/9/2016 9:45:00 AM	564300.000	72.881	17.993	166.119	28993.752	33473.680	21.134	22762.102
34.490	1.015	14.770						
11/9/2016 9:50:00 AM	564600.000	72.890	17.993	166.139	29000.418	33481.051	21.140	22767.117
34.482	1.015	14.768						
11/9/2016 9:55:00 AM	564900.000	72.884	17.993	166.125	29017.037	33500.426	21.153	22780.291
34.463	1.015	14.766						
11/9/2016 10:00:00 AM	565200.000	72.888	17.993	166.135	29035.646	33521.723	21.168	22794.773
34.440	1.015	14.765						
11/9/2016 10:05:00 AM	565500.000	72.881	17.993	166.118	29000.281	33481.539	21.140	22767.449
34.482	1.015	14.765						
11/9/2016 10:10:00 AM	565800.000	72.884	17.993	166.126	29027.816	33512.816	21.162	22788.715
34.450	1.015	14.766						
11/9/2016 10:15:00 AM	566100.000	72.882	17.993	166.120	29001.455	33482.438	21.141	22768.059
34.481	1.015	14.766						
11/9/2016 10:20:00 AM	566400.000	72.881	17.993	166.118	29030.830	33516.672	21.164	22791.340
34.446	1.015	14.767						
11/9/2016 10:25:00 AM	566700.000	72.879	17.993	166.113	29023.971	33508.379	21.159	22785.697
34.454	1.015	14.767						
11/9/2016 10:30:00 AM	567000.000	72.859	17.993	166.068	29001.563	33482.629	21.141	22768.188
34.481	1.015	14.767						
11/9/2016 10:35:00 AM	567300.000	72.876	17.993	166.107	29040.768	33527.891	21.172	22798.967
34.434	1.015	14.768						
11/9/2016 10:40:00 AM	567600.000	72.868	17.993	166.089	29018.295	33502.070	21.154	22781.410
34.461	1.015	14.768						
11/9/2016 10:45:00 AM	567900.000	72.873	17.993	166.100	28994.482	33474.387	21.135	22762.584
34.489	1.015	14.768						
11/9/2016 10:50:00 AM	568200.000	72.849	17.993	166.046	29012.162	33494.992	21.149	22776.596
34.468	1.015	14.766						
11/9/2016 10:55:00 AM	568500.000	72.872	17.993	166.097	29041.100	33528.398	21.172	22799.311
34.434	1.015	14.763						
11/9/2016 11:00:00 AM	568800.000	72.874	17.993	166.102	29020.621	33504.832	21.156	22783.287
34.458	1.015	14.760						
11/9/2016 11:05:00 AM	569100.000	72.878	17.993	166.111	29017.801	33501.691	21.154	22781.150
34.462	1.015	14.758						
11/9/2016 11:10:00 AM	569400.000	72.872	17.993	166.098	29006.959	33488.859	21.145	22772.424
34.474	1.015	14.756						
11/9/2016 11:15:00 AM	569700.000	72.853	17.993	166.055	29001.945	33482.949	21.141	22768.408
34.480	1.015	14.753						
11/9/2016 11:20:00 AM	570000.000	72.868	17.993	166.088	28996.477	33476.828	21.137	22764.246
34.487	1.015	14.753						
11/9/2016 11:25:00 AM	570300.000	72.872	17.993	166.097	29029.221	33514.563	21.163	22789.904
34.448	1.015	14.753						
11/9/2016 11:30:00 AM	570600.000	72.852	17.993	166.052	28995.615	33475.695	21.136	22763.473
34.488	1.015	14.754						
11/9/2016 11:35:00 AM	570900.000	72.861	17.993	166.073	28998.686	33479.184	21.138	22765.846
34.484	1.015	14.754						
11/9/2016 11:40:00 AM	571200.000	72.843	17.993	166.033	28980.313	33457.973	21.124	22751.424
34.506	1.015	14.754						
11/9/2016 11:45:00 AM	571500.000	72.867	17.993	166.085	29008.158	33490.176	21.146	22773.320
34.473	1.015	14.754						
11/9/2016 11:50:00 AM	571800.000	72.863	17.993	166.078	29003.330	33484.547	21.142	22769.492
34.479	1.015	14.752						
11/9/2016 11:55:00 AM	572100.000	72.865	17.994	166.082	28995.518	33475.262	21.136	22763.178

34.488	1.015	14.750						
11/9/2016 12:00:00 PM	572400.000	72.859	17.993	166.068	29028.873	33514.160	21.163	22789.631
34.448	1.015	14.748						
11/9/2016 12:05:00 PM	572700.000	72.861	17.993	166.073	28990.172	33469.547	21.132	22759.295
34.494	1.015	14.745						
11/9/2016 12:10:00 PM	573000.000	72.864	17.993	166.080	29032.348	33518.047	21.165	22792.273
34.444	1.015	14.742						
11/9/2016 12:15:00 PM	573300.000	72.846	17.994	166.038	28989.244	33467.637	21.130	22757.996
34.496	1.015	14.738						
11/9/2016 12:20:00 PM	573600.000	72.861	17.993	166.072	29002.861	33484.328	21.142	22769.344
34.479	1.015	14.737						
11/9/2016 12:25:00 PM	573900.000	72.862	17.994	166.076	29010.223	33492.238	21.147	22774.723
34.471	1.015	14.735						
11/9/2016 12:30:00 PM	574200.000	72.865	17.993	166.081	29016.398	33499.691	21.153	22779.793
34.463	1.015	14.734						
11/9/2016 12:35:00 PM	574500.000	72.862	17.993	166.074	29028.174	33513.230	21.162	22788.998
34.449	1.015	14.736						
11/9/2016 12:40:00 PM	574800.000	72.858	17.993	166.067	29018.391	33502.059	21.154	22781.400
34.461	1.015	14.738						
11/9/2016 12:45:00 PM	575100.000	72.859	17.993	166.068	28996.611	33477.227	21.137	22764.516
34.487	1.015	14.740						
11/9/2016 12:50:00 PM	575400.000	72.858	17.993	166.065	29028.918	33514.211	21.163	22789.666
34.448	1.015	14.740						
11/9/2016 12:55:00 PM	575700.000	72.854	17.994	166.056	29009.963	33491.883	21.147	22774.480
34.471	1.015	14.741						
11/9/2016 1:00:00 PM	576000.000	72.855	17.993	166.058	29016.211	33499.473	21.152	22779.645
34.463	1.015	14.741						
11/9/2016 1:05:00 PM	576300.000	72.829	17.993	166.000	29038.475	33525.441	21.170	22797.303
34.437	1.015	14.740						
11/9/2016 1:10:00 PM	576600.000	72.855	17.993	166.059	28997.037	33477.281	21.137	22764.551
34.486	1.015	14.739						
11/9/2016 1:15:00 PM	576900.000	72.853	17.993	166.054	29005.953	33487.379	21.144	22771.420
34.476	1.015	14.738						
11/9/2016 1:20:00 PM	577200.000	72.849	17.993	166.045	29040.984	33527.945	21.172	22799.006
34.434	1.015	14.738						
11/9/2016 1:25:00 PM	577500.000	72.847	17.993	166.041	29010.730	33492.957	21.148	22775.211
34.470	1.015	14.738						
11/9/2016 1:30:00 PM	577800.000	72.851	17.993	166.050	29017.125	33500.398	21.153	22780.273
34.462	1.015	14.737						
11/9/2016 1:35:00 PM	578100.000	72.846	17.993	166.038	29022.219	33506.355	21.157	22784.322
34.456	1.015	14.738						
11/9/2016 1:40:00 PM	578400.000	72.849	17.993	166.046	29010.580	33492.973	21.148	22775.221
34.470	1.015	14.738						
11/9/2016 1:45:00 PM	578700.000	72.847	17.993	166.041	29007.998	33489.863	21.146	22773.109
34.473	1.015	14.738						
11/9/2016 1:50:00 PM	579000.000	72.850	17.993	166.047	29008.670	33490.711	21.146	22773.686
34.472	1.015	14.735						
11/9/2016 1:55:00 PM	579300.000	72.855	17.993	166.060	29016.617	33499.688	21.153	22779.789
34.463	1.015	14.732						
11/9/2016 2:00:00 PM	579600.000	72.856	17.993	166.061	29034.133	33520.035	21.167	22793.627
34.442	1.015	14.729						
11/9/2016 2:05:00 PM	579900.000	72.853	17.993	166.055	29002.813	33484.387	21.142	22769.385
34.479	1.015	14.729						
11/9/2016 2:10:00 PM	580200.000	72.851	17.993	166.051	29030.740	33516.316	21.164	22791.098
34.446	1.015	14.730						
11/9/2016 2:15:00 PM	580500.000	72.854	17.993	166.058	29001.145	33482.145	21.140	22767.861
34.481	1.015	14.730						
11/9/2016 2:20:00 PM	580800.000	72.851	17.993	166.050	29004.133	33485.531	21.143	22770.162
34.478	1.015	14.731						
11/9/2016 2:25:00 PM	581100.000	72.827	17.993	165.995	29022.721	33506.859	21.158	22784.666
34.456	1.015	14.733						
11/9/2016 2:30:00 PM	581400.000	72.851	17.993	166.051	29024.773	33509.305	21.159	22786.330
34.453	1.015	14.734						
11/9/2016 2:35:00 PM	581700.000	72.848	17.993	166.044	29007.223	33489.555	21.145	22772.898
34.474	1.015	14.734						
11/9/2016 2:40:00 PM	582000.000	72.829	17.993	166.001	29018.119	33501.996	21.154	22781.359
34.461	1.015	14.734						
11/9/2016 2:45:00 PM	582300.000	72.850	17.993	166.047	29039.740	33526.508	21.171	22798.027
34.436	1.015	14.734						
11/9/2016 2:50:00 PM	582600.000	72.854	17.993	166.056	29016.752	33500.363	21.153	22780.248
34.463	1.015	14.734						
11/9/2016 2:55:00 PM	582900.000	72.849	17.993	166.044	29017.051	33500.637	21.153	22780.436
34.462	1.015	14.734						
11/9/2016 3:00:00 PM	583200.000	72.851	17.993	166.049	29018.756	33502.547	21.154	22781.732
34.460	1.015	14.734						
11/9/2016 3:05:00 PM	583500.000	72.873	17.993	166.100	29044.199	33531.922	21.175	22801.709
34.430	1.015	14.735						
11/9/2016 3:10:00 PM	583800.000	72.855	17.993	166.059	29004.084	33485.609	21.143	22770.217
34.478	1.015	14.736						
11/9/2016 3:15:00 PM	584100.000	72.850	17.993	166.047	29023.273	33507.695	21.158	22785.234
34.455	1.015	14.737						
11/9/2016 3:20:00 PM	584400.000	72.833	17.993	166.009	29004.189	33485.594	21.143	22770.205
34.478	1.015	14.734						
11/9/2016 3:25:00 PM	584700.000	72.857	17.993	166.063	29011.367	33493.754	21.148	22775.754
34.469	1.015	14.732						
11/9/2016 3:30:00 PM	585000.000	72.858	17.993	166.066	29022.891	33507.129	21.158	22784.850
34.456	1.015	14.729						
11/9/2016 3:35:00 PM	585300.000	72.842	17.993	166.029	29009.596	33492.102	21.147	22774.629
34.471	1.015	14.730						
11/9/2016 3:40:00 PM	585600.000	72.858	17.993	166.067	29013.893	33496.797	21.151	22777.822
34.466	1.015	14.730						
11/9/2016 3:45:00 PM	585900.000	72.860	17.993	166.071	29013.930	33496.977	21.151	22777.945
34.466	1.015	14.731						
11/9/2016 3:50:00 PM	586200.000	72.840	17.993	166.025	29010.420	33492.660	21.148	22775.012
34.470	1.015	14.732						
11/9/2016 3:55:00 PM	586500.000	72.860	17.993	166.071	29012.756	33495.621	21.150	22777.025
34.468	1.015	14.733						
11/9/2016 4:00:00 PM	586800.000	72.857	17.993	166.065	29003.039	33484.211	21.142	22769.264
34.479	1.015	14.734						
11/9/2016 4:05:00 PM	587100.000	72.861	17.993	166.073	29013.396	33496.293	21.150	22777.479
34.467	1.015	14.732						
11/9/2016 4:10:00 PM	587400.000	72.866	17.994	166.083	29023.236	33507.266	21.158	22784.943
34.455	1.015	14.730						
11/9/2016 4:15:00 PM	587700.000	72.865	17.993	166.082	29030.514	33516.441	21.164	22791.182
34.447	1.015	14.728						
11/9/2016 4:20:00 PM	588000.000	72.866	17.993	166.083	29013.719	33496.543	21.150	22777.650
34.466	1.015	14.728						
11/9/2016 4:25:00 PM	588300.000	72.865	17.993	166.081	29015.096	33498.188	21.151	22778.768
34.465	1.015	14.728						
11/9/2016 4:30:00 PM	588600.000	72.868	17.993	166.089	29045.592	33533.395	21.176	22802.709
34.429	1.015	14.728						
11/9/2016 4:35:00 PM	588900.000	72.868	17.993	166.089	29001.785	33482.566	21.141	22768.146
34.481	1.015	14.726						
11/9/2016 4:40:00 PM	589200.000	72.873	17.993	166.100	28990.088	33469.188	21.131	22759.049
34.495	1.015	14.724						
11/9/2016 4:45:00 PM	589500.000	72.883	17.993	166.122	29015.883	33499.160	21.152	22779.430
34.464	1.015	14.721						
11/9/2016 4:50:00 PM	589800.000	72.875	17.993	166.104	29008.094	33489.910	21.146	22773.141
34.473	1.015	14.725						
11/9/2016 4:55:00 PM	590100.000	72.875	17.993	166.103	29028.793	33513.945	21.162	22789.484
34.449	1.015	14.728						
11/9/2016 5:00:00 PM	590400.000	72.849	17.993	166.045	29004.129	33485.469	21.143	22770.121
34.478	1.015	14.731						
11/9/2016 5:05:00 PM	590700.000	72.853	17.993	166.054	29008.223	33490.516	21.146	22773.553
34.473	1.015	14.731						
11/9/2016 5:10:00 PM	591000.000	72.855	17.993	166.058	29027.924	33512.996	21.162	22788.840
34.450	1.015	14.730						
11/9/2016 5:15:00 PM	591300.000	72.855	17.993	166.060	29029.238	33514.457	21.163	22789.832
34.448	1.015	14.729						
11/9/2016 5:20:00 PM	591600.000	72.876	17.994	166.106	29020.307	33503.883	21.155	22782.643
34.459	1.015	14.731						
11/9/2016 5:25:00 PM	591900.000	72.854	17.993	166.057	29008.363	33490.797	21.146	22773.742
34.473	1.015	14.733						

11/9/2016 5:30:00 PM	592200.000	72.871	17.993	166.096	29009.299	33491.242	21.147	22774.047
34.472	1.015	14.735						
11/9/2016 5:35:00 PM	592500.000	72.879	17.993	166.113	28997.637	33478.352	21.138	22765.279
34.486	1.015	14.733						
11/9/2016 5:40:00 PM	592800.000	72.886	17.993	166.130	29026.639	33511.512	21.161	22787.828
34.451	1.015	14.730						
11/9/2016 5:45:00 PM	593100.000	72.890	17.993	166.139	29017.836	33501.293	21.154	22780.881
34.462	1.015	14.728						
11/9/2016 5:50:00 PM	593400.000	72.878	17.993	166.110	29014.066	33497.066	21.151	22778.008
34.466	1.015	14.731						
11/9/2016 5:55:00 PM	593700.000	72.864	17.993	166.079	29019.246	33503.113	21.155	22782.117
34.460	1.015	14.735						
11/9/2016 6:00:00 PM	594000.000	72.882	17.994	166.121	29013.434	33495.816	21.150	22777.156
34.467	1.015	14.738						
11/9/2016 6:05:00 PM	594300.000	72.882	17.993	166.122	29012.996	33495.953	21.150	22777.248
34.467	1.015	14.736						
11/9/2016 6:10:00 PM	594600.000	72.887	17.993	166.132	29004.807	33486.055	21.143	22770.520
34.477	1.015	14.733						
11/9/2016 6:15:00 PM	594900.000	72.892	17.993	166.143	29038.881	33525.910	21.171	22797.621
34.437	1.015	14.731						
11/9/2016 6:20:00 PM	595200.000	72.888	17.993	166.133	29015.619	33498.660	21.152	22779.092
34.464	1.015	14.733						
11/9/2016 6:25:00 PM	595500.000	72.878	17.993	166.113	29012.461	33495.016	21.149	22776.613
34.468	1.015	14.736						
11/9/2016 6:30:00 PM	595800.000	72.863	17.993	166.077	29023.066	33507.711	21.158	22785.246
34.455	1.015	14.739						
11/9/2016 6:35:00 PM	596100.000	72.889	17.993	166.135	29031.008	33516.430	21.164	22791.172
34.446	1.015	14.737						
11/9/2016 6:40:00 PM	596400.000	72.890	17.993	166.140	29006.926	33488.754	21.145	22772.354
34.475	1.015	14.735						
11/9/2016 6:45:00 PM	596700.000	72.894	17.993	166.147	29034.988	33521.418	21.168	22794.564
34.441	1.015	14.732						
11/9/2016 6:50:00 PM	597000.000	72.876	17.993	166.106	29016.861	33500.359	21.153	22780.244
34.463	1.015	14.734						
11/9/2016 6:55:00 PM	597300.000	72.888	17.993	166.134	29041.635	33528.895	21.173	22799.650
34.433	1.015	14.735						
11/9/2016 7:00:00 PM	597600.000	72.888	17.993	166.133	29018.580	33502.211	21.154	22781.506
34.461	1.015	14.736						
11/9/2016 7:05:00 PM	597900.000	72.898	17.993	166.156	29022.805	33506.895	21.158	22784.691
34.456	1.015	14.736						
11/9/2016 7:10:00 PM	598200.000	72.875	17.993	166.104	29016.930	33500.176	21.153	22780.121
34.463	1.015	14.736						
11/9/2016 7:15:00 PM	598500.000	72.895	17.993	166.151	29007.402	33489.371	21.145	22772.773
34.474	1.015	14.736						
11/9/2016 7:20:00 PM	598800.000	72.892	17.993	166.144	29011.828	33494.414	21.149	22776.203
34.469	1.015	14.735						
11/9/2016 7:25:00 PM	599100.000	72.876	17.993	166.106	29010.039	33492.484	21.147	22774.889
34.471	1.015	14.734						
11/9/2016 7:30:00 PM	599400.000	72.899	17.993	166.158	29032.984	33518.586	21.166	22792.641
34.444	1.015	14.733						
11/9/2016 7:35:00 PM	599700.000	72.899	17.993	166.160	29030.189	33515.613	21.164	22790.619
34.447	1.015	14.734						
11/9/2016 7:40:00 PM	600000.000	72.893	17.993	166.146	29014.203	33497.156	21.151	22778.066
34.466	1.015	14.736						
11/9/2016 7:45:00 PM	600300.000	72.873	17.993	166.101	29018.904	33502.453	21.154	22781.670
34.460	1.015	14.737						
11/9/2016 7:50:00 PM	600600.000	72.891	17.993	166.142	29018.658	33502.492	21.154	22781.697
34.461	1.015	14.737						
11/9/2016 7:55:00 PM	600900.000	72.890	17.993	166.139	29006.070	33487.574	21.144	22771.551
34.476	1.015	14.737						
11/9/2016 8:00:00 PM	601200.000	72.890	17.993	166.139	29025.623	33510.531	21.160	22787.162
34.452	1.015	14.737						
11/9/2016 8:05:00 PM	601500.000	72.891	17.993	166.141	29023.279	33508.090	21.158	22785.504
34.455	1.015	14.738						
11/9/2016 8:10:00 PM	601800.000	72.890	17.993	166.138	29024.592	33509.285	21.159	22786.316
34.454	1.015	14.739						
11/9/2016 8:15:00 PM	602100.000	72.884	17.993	166.126	29036.291	33522.602	21.168	22795.369
34.440	1.015	14.740						
11/9/2016 8:20:00 PM	602400.000	72.886	17.993	166.130	29024.273	33508.590	21.159	22785.844
34.454	1.015	14.739						
11/9/2016 8:25:00 PM	602700.000	72.889	17.993	166.137	28998.459	33478.789	21.138	22765.578
34.485	1.015	14.737						
11/9/2016 8:30:00 PM	603000.000	72.888	17.993	166.133	29010.842	33493.465	21.148	22775.559
34.470	1.015	14.736						
11/9/2016 8:35:00 PM	603300.000	72.885	17.993	166.128	29033.666	33519.691	21.166	22793.393
34.443	1.015	14.737						
11/9/2016 8:40:00 PM	603600.000	72.864	17.993	166.080	29005.932	33487.742	21.144	22771.666
34.476	1.015	14.739						
11/9/2016 8:45:00 PM	603900.000	72.883	17.993	166.122	29017.123	33500.273	21.153	22780.186
34.462	1.015	14.741						
11/9/2016 8:50:00 PM	604200.000	72.878	17.993	166.112	29020.176	33504.117	21.156	22782.803
34.459	1.015	14.741						
11/9/2016 8:55:00 PM	604500.000	72.858	17.993	166.066	29016.877	33500.051	21.153	22780.037
34.463	1.015	14.742						
11/9/2016 9:00:00 PM	604800.000	72.875	17.993	166.105	29030.691	33516.063	21.164	22790.922
34.446	1.015	14.743						
11/9/2016 9:05:00 PM	605100.000	72.878	17.993	166.111	29011.195	33493.555	21.148	22775.617
34.469	1.015	14.743						
11/9/2016 9:10:00 PM	605400.000	72.881	17.993	166.118	29018.002	33501.926	21.154	22781.311
34.461	1.015	14.744						
11/9/2016 9:15:00 PM	605700.000	72.871	17.993	166.095	29022.404	33506.371	21.157	22784.332
34.456	1.015	14.745						
11/9/2016 9:20:00 PM	606000.000	72.872	17.993	166.099	29033.414	33519.473	21.166	22793.244
34.443	1.015	14.744						
11/9/2016 9:25:00 PM	606300.000	72.868	17.993	166.089	29026.943	33511.930	21.161	22788.115
34.451	1.015	14.744						
11/9/2016 9:30:00 PM	606600.000	72.865	17.993	166.081	29015.453	33498.664	21.152	22779.094
34.464	1.015	14.744						
11/9/2016 9:35:00 PM	606900.000	72.872	17.993	166.099	29018.299	33501.629	21.154	22781.109
34.461	1.015	14.743						
11/9/2016 9:40:00 PM	607200.000	72.869	17.993	166.090	29020.494	33504.363	21.156	22782.969
34.458	1.015	14.742						
11/9/2016 9:45:00 PM	607500.000	72.851	17.993	166.051	29020.617	33504.309	21.156	22782.930
34.458	1.015	14.740						
11/9/2016 9:50:00 PM	607800.000	72.869	17.994	166.091	29027.631	33512.281	21.161	22788.354
34.450	1.015	14.741						
11/9/2016 9:55:00 PM	608100.000	72.870	17.993	166.094	29001.541	33482.410	21.141	22768.039
34.481	1.015	14.742						
11/9/2016 10:00:00 PM	608400.000	72.860	17.994	166.069	29035.342	33521.047	21.167	22794.313
34.441	1.015	14.743						
11/9/2016 10:05:00 PM	608700.000	72.857	17.993	166.064	29027.609	33512.633	21.162	22788.592
34.450	1.015	14.744						
11/9/2016 10:10:00 PM	609000.000	72.858	17.993	166.065	29039.350	33526.324	21.171	22797.900
34.436	1.015	14.745						
11/9/2016 10:15:00 PM	609300.000	72.854	17.993	166.057	29031.555	33517.188	21.165	22791.689
34.445	1.015	14.746						
11/9/2016 10:20:00 PM	609600.000	72.852	17.993	166.053	29018.959	33502.781	21.155	22781.891
34.460	1.015	14.744						
11/9/2016 10:25:00 PM	609900.000	72.851	17.993	166.050	29024.250	33508.754	21.159	22785.953
34.454	1.015	14.743						
11/9/2016 10:30:00 PM	610200.000	72.851	17.993	166.050	29018.416	33501.766	21.154	22781.203
34.461	1.015	14.742						
11/9/2016 10:35:00 PM	610500.000	72.846	17.994	166.038	29029.369	33514.082	21.163	22789.578
34.448	1.015	14.741						
11/9/2016 10:40:00 PM	610800.000	72.825	17.993	165.990	29023.428	33507.805	21.158	22785.307
34.455	1.015	14.741						
11/9/2016 10:45:00 PM	611100.000	72.827	17.994	165.996	29015.775	33498.652	21.152	22779.086
34.464	1.015	14.740						
11/9/2016 10:50:00 PM	611400.000	72.842	17.993	166.030	29030.906	33516.574	21.164	22791.273
34.446	1.015	14.741						
11/9/2016 10:55:00 PM	611700.000	72.843	17.993	166.032	29024.176	33508.414	21.159	22785.725
34.454	1.015	14.741						
11/9/2016 11:00:00 PM	612000.000	72.839	17.994	166.023	29014.395	33497.000	21.151	22777.961

34.466	1.015	14.742						
11/9/2016 11:05:00 PM	612300.000	72.838	17.993	166.021	29001.119	33482.117	21.140	22767.842
34.481	1.015	14.741						
11/9/2016 11:10:00 PM	612600.000	72.811	17.993	165.959	29028.910	33514.008	21.162	22789.525
34.448	1.015	14.739						
11/9/2016 11:15:00 PM	612900.000	72.835	17.993	166.013	29012.844	33495.332	21.149	22776.826
34.467	1.015	14.738						
11/9/2016 11:20:00 PM	613200.000	72.827	17.993	165.996	29035.830	33522.191	21.168	22795.092
34.440	1.015	14.739						
11/9/2016 11:25:00 PM	613500.000	72.827	17.993	165.995	29013.611	33496.281	21.150	22777.471
34.467	1.015	14.739						
11/9/2016 11:30:00 PM	613800.000	72.809	17.993	165.954	29028.012	33512.969	21.162	22788.820
34.449	1.015	14.739						
11/9/2016 11:35:00 PM	614100.000	72.824	17.993	165.989	29042.484	33529.555	21.173	22800.098
34.432	1.015	14.740						
11/9/2016 11:40:00 PM	614400.000	72.822	17.993	165.985	29025.006	33509.375	21.159	22786.377
34.453	1.015	14.741						
11/9/2016 11:45:00 PM	614700.000	72.819	17.994	165.978	29024.350	33508.422	21.159	22785.729
34.454	1.015	14.741						
11/9/2016 11:50:00 PM	615000.000	72.820	17.993	165.979	29015.602	33498.961	21.152	22779.295
34.464	1.015	14.742						
11/9/2016 11:55:00 PM	615300.000	72.816	17.993	165.970	29026.441	33511.156	21.160	22787.586
34.451	1.015	14.742						

Report Date: 11/14/2016 8:30:41 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-4S LT Test_2016-11-11_09-31-57-546-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-4S LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/1/2015 3:02:54 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/1/2015 3:05:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 05 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/1/2015 3:03:23 PM	Used Battery: 21% Used Memory: 3% User Name: KMakar
10/8/2015 5:22:57 PM	Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/8/2015 6:20:00 PM
10/15/2015 1:59:55 PM	Log Download - Used Battery: 23% Used Memory: 7% User Name: KMakar
10/22/2015 5:47:00 PM	Log Download - Used Battery: 24% Used Memory: 9% User Name: CShaw
10/29/2015 4:03:27 PM	Log Download - Used Battery: 24% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 4:05:00 PM
11/5/2015 3:02:35 PM	Log Download - Used Battery: 25% Used Memory: 14% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:00:00 PM
11/12/2015 5:59:32 PM	Log Download - Used Battery: 26% Used Memory: 17% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 6:00:00 PM
11/19/2015 3:59:34 PM	Log Download - Used Battery: 27% Used Memory: 20% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 4:00:00 PM
11/29/2015 10:36:51 AM	Log Download - Used Battery: 28% Used Memory: 23% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:30:00 AM
12/3/2015 11:43:48 AM	Log Download - Used Battery: 28% Used Memory: 25% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:45:00 AM
12/10/2015 4:22:36 PM	Log Download - Used Battery: 29% Used Memory: 26% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 4:20:00 PM
12/17/2015 1:23:10 PM	Log Download - Used Battery: 29% Used Memory: 29% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:30:00 PM
1/3/2016 2:47:58 PM	Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:45:00 PM
1/7/2016 11:09:53 AM	Log Download - Used Battery: 32% Used Memory: 35% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:10:00 AM
1/14/2016 9:55:27 AM	Log Download - Used Battery: 32% Used Memory: 39% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 9:55:00 AM
1/21/2016 1:03:06 PM	Log Download - Used Battery: 33% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 1:00:00 PM
1/28/2016 2:41:57 PM	Log Download - Used Battery: 34% Used Memory: 43% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:40:00 PM
2/4/2016 4:06:14 PM	Log Download - Used Battery: 35% Used Memory: 46% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 4:05:00 PM
2/11/2016 8:32:57 AM	Log Download - Used Battery: 35% Used Memory: 48% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:30:00 AM
2/18/2016 12:44:45 PM	Log Download - Used Battery: 36% Used Memory: 51% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:45:48 PM	Log Download - Used Battery: 37% Used Memory: 53% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:45:00 PM
3/3/2016 1:35:20 PM	Log Download - Used Battery: 38% Used Memory: 56% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 2:35:00 PM
3/10/2016 3:27:14 PM	Log Download - Used Battery: 38% Used Memory: 59% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 3:30:00 PM
3/17/2016 8:09:04 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 2/3/2016 12:00:01 AM Stop Time: 3/17/2016 9:05:00 AM
3/17/2016 8:09:49 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 2/29/2016 12:00:01 AM Stop Time: 3/17/2016 8:05:00 AM
3/17/2016 9:31:43 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/17/2016 12:00:01 AM Stop Time: 3/17/2016 9:05:00 AM
3/17/2016 9:32:07 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/17/2016 12:00:01 AM Stop Time: 3/17/2016 10:05:00 AM
3/18/2016 8:59:06 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/18/2016 9:55:00 AM
3/24/2016 1:28:49 PM	Log Download - Used Battery: 40% Used Memory: 64% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:30:00 PM
3/31/2016 5:56:35 PM	Log Download - Used Battery: 41% Used Memory: 65% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 6:50:00 PM
4/7/2016 2:43:46 PM	Log Download - Used Battery: 41% Used Memory: 68% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 2:45:00 PM
4/14/2016 4:44:14 PM	Log Download - Used Battery: 42% Used Memory: 70% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 5:40:00 PM
4/21/2016 2:37:50 PM	Log Download - Used Battery: 43% Used Memory: 73% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:35:00 PM
4/21/2016 6:58:29 PM	Log Download - Used Battery: 43% Used Memory: 73% User Name: ELinden Interval - Start Time: 4/20/2016 6:00:00 PM Stop Time: 4/21/2016 6:55:00 PM
4/22/2016 11:00:16 AM	Log Download - Used Battery: 43% Used Memory: 73% User Name: SKuiper Interval - Start Time: 4/12/2016 6:00:00 PM Stop Time: 4/22/2016 10:55:00 AM
4/28/2016 11:51:27 AM	Log Download - Used Battery: 44% Used Memory: 76% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:50:00 AM
5/5/2016 1:32:53 PM	Log Download - Used Battery: 44% Used Memory: 78% User Name: SKuiper Interval - Start Time: 3/31/2016 6:00:00 PM Stop Time: 5/5/2016 2:25:00 PM
5/12/2016 4:41:57 PM	Log Download - Used Battery: 45% Used Memory: 81% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:35:00 PM
5/19/2016 5:29:31 PM	Log Download - Used Battery: 46% Used Memory: 82% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:25:00 PM
5/26/2016 2:49:19 PM	Log Download - Used Battery: 47% Used Memory: 85% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:45:00 PM
6/2/2016 5:07:15 PM	Log Download - Used Battery: 47% Used Memory: 87% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 5:05:00 PM
6/9/2016 1:54:08 PM	Log Download - Used Battery: 48% Used Memory: 90% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 2:50:00 PM
6/16/2016 6:12:43 PM	Log Download - Used Battery: 49% Used Memory: 93% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:05:00 PM
6/23/2016 6:18:51 PM	Log Download - Used Battery: 50% Used Memory: 95% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:10:00 PM
7/1/2016 3:07:55 PM	Log Download - Used Battery: 50% Used Memory: 98% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 3:05:00 PM
7/8/2016 1:09:21 PM	Log Download - Used Battery: 51% Used Memory: 100% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
7/14/2016 2:54:01 PM	Log Download - Used Battery: 52% Used Memory: 100% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 3:50:00 PM
7/21/2016 7:22:33 PM	Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 7:15:00 PM
7/22/2016 10:14:49 AM	Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM
7/28/2016 9:05:25 PM	Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:05:00 PM
8/4/2016 7:39:00 PM	Log Download - Used Battery: 54% Used Memory: 100% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:35:00 PM
8/11/2016 5:02:24 PM	Log Download - Used Battery: 55% Used Memory: 100% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:00:00 PM
8/18/2016 11:46:56 AM	Log Download - Used Battery: 55% Used Memory: 100% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:45:00 AM
8/25/2016 9:18:55 PM	Log Download - Used Battery: 56% Used Memory: 100% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:15:00 PM
9/1/2016 5:07:06 PM	Log Download - Used Battery: 57% Used Memory: 100% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 5:55:00 PM
9/8/2016 12:06:20 PM	Log Download - Used Battery: 58% Used Memory: 100% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 12:55:00 PM
9/15/2016 5:24:39 PM	Log Download - Used Battery: 58% Used Memory: 100% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 6:20:00 PM
9/22/2016 2:24:00 PM	Log Download - Used Battery: 59% Used Memory: 100% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 3:20:00 PM
10/1/2016 1:50:34 PM	Log Download - Used Battery: 60% Used Memory: 100% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 2:50:00 PM
10/6/2016 5:17:54 PM	Log Download - Used Battery: 61% Used Memory: 100% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 5:10:00 PM
10/13/2016 7:45:37 PM	Log Download - Used Battery: 61% Used Memory: 100% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM
10/20/2016 7:40:36 PM	Log Download - Used Battery: 62% Used Memory: 100% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:30:00 PM
10/27/2016 12:28:20 PM	Log Download - Used Battery: 63% Used Memory: 100% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:20:00 PM
11/3/2016 5:20:26 PM	Log Download - Used Battery: 64% Used Memory: 100% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 6:10:00 PM
11/11/2016 9:29:19 AM	Log Download - Used Battery: 65% Used Memory: 100% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:25:00 AM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 2453

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

Date and Time	Elapsed Time (Seconds)	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Corrected Barometric Pressure (PSI)
11/3/2016 12:00:00 AM	7200.000	12.158	17.693	27.712	5910.311	6868.970	3.803	4670.900	169.196	1.002	14.798
11/3/2016 12:05:00 AM	7500.000	12.158	17.693	27.711	5916.120	6875.709	3.807	4675.483	169.030	1.002	14.797
11/3/2016 12:10:00 AM	7800.000	12.153	17.692	27.700	5920.215	6880.575	3.810	4678.791	168.913	1.002	14.796
11/3/2016 12:15:00 AM	8100.000	12.153	17.693	27.701	5924.713	6885.775	3.813	4682.327	168.785	1.002	14.795
11/3/2016 12:20:00 AM	8400.000	12.157	17.693	27.710	5929.800	6891.594	3.816	4686.285	168.640	1.002	14.794
11/3/2016 12:25:00 AM	8700.000	12.158	17.693	27.712	5934.086	6896.643	3.819	4689.717	168.518	1.002	14.793
11/3/2016 12:30:00 AM	9000.000	12.160	17.693	27.717	5938.413	6901.563	3.822	4693.063	168.395	1.002	14.792
11/3/2016 12:35:00 AM	9300.000	12.156	17.694	27.707	5941.865	6905.536	3.825	4695.765	168.297	1.002	14.793
11/3/2016 12:40:00 AM	9600.000	12.154	17.693	27.702	5945.801	6910.190	3.827	4698.930	168.186	1.002	14.795
11/3/2016 12:45:00 AM	9900.000	12.158	17.694	27.712	5949.350	6914.235	3.830	4701.680	168.086	1.002	14.796
11/3/2016 12:50:00 AM	10200.000	12.159	17.693	27.713	5952.988	6918.530	3.832	4704.601	167.983	1.002	14.794
11/3/2016 12:55:00 AM	10500.000	12.160	17.693	27.717	5956.588	6922.727	3.835	4707.455	167.881	1.002	14.793
11/3/2016 1:00:00 AM	10800.000	12.160	17.693	27.716	5960.237	6927.022	3.837	4710.376	167.779	1.002	14.791
11/3/2016 1:05:00 AM	11100.000	12.163	17.693	27.722	5964.162	6931.489	3.840	4713.413	167.668	1.002	14.793
11/3/2016 1:10:00 AM	11400.000	12.161	17.693	27.719	5966.939	6934.838	3.842	4715.690	167.590	1.002	14.795
11/3/2016 1:15:00 AM	11700.000	12.154	17.693	27.703	5969.367	6937.552	3.844	4717.536	167.522	1.002	14.798
11/3/2016 1:20:00 AM	12000.000	12.162	17.693	27.721	5972.131	6940.791	3.846	4719.738	167.444	1.002	14.797
11/3/2016 1:25:00 AM	12300.000	12.162	17.694	27.721	5975.297	6944.362	3.848	4722.167	167.356	1.002	14.795
11/3/2016 1:30:00 AM	12600.000	12.159	17.693	27.715	5978.835	6948.637	3.850	4725.073	167.257	1.002	14.794
11/3/2016 1:35:00 AM	12900.000	12.163	17.693	27.724	5980.565	6950.607	3.851	4726.413	167.208	1.002	14.795
11/3/2016 1:40:00 AM	13200.000	12.163	17.693	27.723	5983.590	6954.109	3.853	4728.794	167.124	1.002	14.795
11/3/2016 1:45:00 AM	13500.000	12.164	17.694	27.725	5986.889	6957.875	3.856	4731.354	167.032	1.002	14.796
11/3/2016 1:50:00 AM	13800.000	12.163	17.693	27.724	5988.391	6959.675	3.857	4732.579	166.990	1.002	14.797
11/3/2016 1:55:00 AM	14100.000	12.159	17.694	27.714	5991.025	6962.642	3.859	4734.596	166.916	1.002	14.798
11/3/2016 2:00:00 AM	14400.000	12.159	17.693	27.714	5992.723	6964.697	3.860	4735.994	166.869	1.002	14.799
11/3/2016 2:05:00 AM	14700.000	12.165	17.693	27.728	5995.302	6967.747	3.862	4738.068	166.797	1.002	14.800
11/3/2016 2:10:00 AM	15000.000	12.163	17.694	27.724	5997.295	6969.982	3.863	4739.588	166.742	1.002	14.801
11/3/2016 2:15:00 AM	15300.000	12.162	17.694	27.722	5999.808	6972.889	3.865	4741.565	166.672	1.002	14.802
11/3/2016 2:20:00 AM	15600.000	12.155	17.693	27.706	6003.479	6977.264	3.867	4744.540	166.570	1.002	14.804
11/3/2016 2:25:00 AM	15900.000	12.159	17.694	27.714	6004.251	6978.053	3.868	4745.076	166.549	1.002	14.805
11/3/2016 2:30:00 AM	16200.000	12.159	17.693	27.714	6004.988	6979.046	3.868	4745.752	166.528	1.002	14.807
11/3/2016 2:35:00 AM	16500.000	12.158	17.693	27.713	6007.191	6981.578	3.870	4747.473	166.467	1.002	14.805
11/3/2016 2:40:00 AM	16800.000	12.162	17.693	27.722	6007.919	6982.424	3.870	4748.049	166.447	1.002	14.803
11/3/2016 2:45:00 AM	17100.000	12.165	17.694	27.728	6009.638	6984.313	3.871	4749.333	166.399	1.002	14.802
11/3/2016 2:50:00 AM	17400.000	12.166	17.694	27.731	6011.327	6986.276	3.873	4750.667	166.353	1.002	14.800
11/3/2016 2:55:00 AM	17700.000	12.168	17.693	27.734	6012.152	6987.385	3.873	4751.422	166.330	1.002	14.799
11/3/2016 3:00:00 AM	18000.000	12.169	17.693	27.738	6013.784	6989.254	3.874	4752.693	166.285	1.002	14.798
11/3/2016 3:05:00 AM	18300.000	12.167	17.693	27.733	6014.923	6990.592	3.875	4753.604	166.253	1.002	14.799
11/3/2016 3:10:00 AM	18600.000	12.168	17.693	27.734	6015.405	6991.043	3.875	4753.910	166.240	1.002	14.801
11/3/2016 3:15:00 AM	18900.000	12.161	17.694	27.718	6017.007	6992.836	3.876	4755.129	166.196	1.002	14.802
11/3/2016 3:20:00 AM	19200.000	12.166	17.693	27.729	6017.647	6993.704	3.877	4755.719	166.178	1.002	14.802
11/3/2016 3:25:00 AM	19500.000	12.158	17.694	27.713	6018.035	6994.086	3.877	4755.979	166.167	1.002	14.803
11/3/2016 3:30:00 AM	19800.000	12.163	17.693	27.724	6018.897	6995.117	3.878	4756.680	166.143	1.002	14.803
11/3/2016 3:35:00 AM	20100.000	12.167	17.693	27.731	6021.039	6997.658	3.879	4758.408	166.084	1.002	14.802
11/3/2016 3:40:00 AM	20400.000	12.168	17.694	27.734	6021.380	6997.948	3.879	4758.604	166.075	1.002	14.801
11/3/2016 3:45:00 AM	20700.000	12.162	17.693	27.722	6021.937	6998.715	3.880	4759.126	166.060	1.002	14.800
11/3/2016 3:50:00 AM	21000.000	12.169	17.693	27.736	6022.708	6999.558	3.880	4759.700	166.038	1.002	14.800
11/3/2016 3:55:00 AM	21300.000	12.169	17.693	27.737	6023.191	7000.091	3.881	4760.062	166.025	1.002	14.800
11/3/2016 4:00:00 AM	21600.000	12.171	17.693	27.741	6024.797	7002.014	3.882	4761.370	165.981	1.002	14.799
11/3/2016 4:05:00 AM	21900.000	12.171	17.693	27.741	6024.861	7002.061	3.882	4761.402	165.979	1.002	14.799
11/3/2016 4:10:00 AM	22200.000	12.171	17.693	27.740	6025.528	7002.876	3.882	4761.956	165.961	1.002	14.798
11/3/2016 4:15:00 AM	22500.000	12.173	17.693	27.745	6027.559	7005.196	3.884	4763.534	165.905	1.002	14.797
11/3/2016 4:20:00 AM	22800.000	12.173	17.693	27.746	6027.007	7004.527	3.883	4763.078	165.920	1.002	14.797
11/3/2016 4:25:00 AM	23100.000	12.174	17.693	27.748	6027.299	7004.922	3.884	4763.348	165.912	1.002	14.796
11/3/2016 4:30:00 AM	23400.000	12.174	17.694	27.748	6027.679	7005.269	3.884	4763.583	165.901	1.002	14.795
11/3/2016 4:35:00 AM	23700.000	12.171	17.694	27.742	6029.483	7007.376	3.885	4765.017	165.852	1.002	14.797
11/3/2016 4:40:00 AM	24000.000	12.170	17.693	27.739	6029.763	7007.729	3.885	4765.256	165.844	1.002	14.799
11/3/2016 4:45:00 AM	24300.000	12.164	17.693	27.726	6030.608	7008.835	3.886	4766.008	165.821	1.002	14.801
11/3/2016 4:50:00 AM	24600.000	12.171	17.694	27.740	6030.534	7008.612	3.886	4765.856	165.823	1.002	14.800
11/3/2016 4:55:00 AM	24900.000	12.174	17.694	27.747	6030.930	7009.058	3.886	4766.160			

165.812	1.002	14.799						
11/3/2016 5:00:00 AM	25200.000	12.170	17.693	27.739	6031.599	7009.905	3.887	4766.735
165.794	1.002	14.797						
11/3/2016 5:05:00 AM	25500.000	12.167	17.693	27.732	6032.153	7010.548	3.887	4767.173
165.778	1.002	14.799						
11/3/2016 5:10:00 AM	25800.000	12.171	17.694	27.742	6032.088	7010.419	3.887	4767.085
165.780	1.002	14.800						
11/3/2016 5:15:00 AM	26100.000	12.165	17.693	27.728	6033.119	7011.711	3.888	4767.964
165.752	1.002	14.802						
11/3/2016 5:20:00 AM	26400.000	12.171	17.693	27.741	6033.039	7011.537	3.887	4767.845
165.754	1.002	14.801						
11/3/2016 5:25:00 AM	26700.000	12.172	17.694	27.743	6033.084	7011.495	3.887	4767.816
165.753	1.002	14.800						
11/3/2016 5:30:00 AM	27000.000	12.175	17.693	27.750	6033.621	7012.254	3.888	4768.333
165.738	1.002	14.799						
11/3/2016 5:35:00 AM	27300.000	12.172	17.693	27.745	6034.012	7012.683	3.888	4768.625
165.727	1.002	14.797						
11/3/2016 5:40:00 AM	27600.000	12.174	17.694	27.749	6034.668	7013.417	3.889	4769.124
165.709	1.002	14.796						
11/3/2016 5:45:00 AM	27900.000	12.182	17.693	27.766	6035.947	7014.972	3.890	4770.181
165.674	1.002	14.794						
11/3/2016 5:50:00 AM	28200.000	12.173	17.694	27.747	6035.813	7014.748	3.889	4770.029
165.678	1.002	14.798						
11/3/2016 5:55:00 AM	28500.000	12.176	17.693	27.753	6035.602	7014.515	3.889	4769.870
165.684	1.002	14.802						
11/3/2016 6:00:00 AM	28800.000	12.170	17.693	27.739	6036.406	7015.465	3.890	4770.517
165.661	1.002	14.806						
11/3/2016 6:05:00 AM	29100.000	12.172	17.693	27.743	6036.362	7015.480	3.890	4770.526
165.663	1.002	14.805						
11/3/2016 6:10:00 AM	29400.000	12.170	17.693	27.739	6036.485	7015.570	3.890	4770.587
165.659	1.002	14.804						
11/3/2016 6:15:00 AM	29700.000	12.170	17.694	27.740	6037.532	7016.691	3.891	4771.351
165.631	1.002	14.803						
11/3/2016 6:20:00 AM	30000.000	12.177	17.693	27.755	6036.605	7015.696	3.890	4770.674
165.656	1.002	14.802						
11/3/2016 6:25:00 AM	30300.000	12.178	17.693	27.756	6037.195	7016.408	3.890	4771.157
165.640	1.002	14.800						
11/3/2016 6:30:00 AM	30600.000	12.173	17.693	27.745	6037.208	7016.381	3.890	4771.140
165.639	1.002	14.799						
11/3/2016 6:35:00 AM	30900.000	12.170	17.693	27.739	6037.144	7016.308	3.890	4771.089
165.641	1.002	14.801						
11/3/2016 6:40:00 AM	31200.000	12.172	17.694	27.743	6033.876	7012.402	3.888	4768.433
165.731	1.002	14.802						
11/3/2016 6:45:00 AM	31500.000	12.171	17.693	27.742	6027.849	7005.504	3.884	4763.743
165.897	1.002	14.804						
11/3/2016 6:50:00 AM	31800.000	12.174	17.693	27.748	6015.831	6991.594	3.876	4754.284
166.228	1.002	14.802						
11/3/2016 6:55:00 AM	32100.000	12.177	17.694	27.755	6000.548	6973.737	3.865	4742.142
166.651	1.002	14.799						
11/3/2016 7:00:00 AM	32400.000	12.174	17.693	27.747	5985.462	6956.259	3.855	4730.256
167.071	1.002	14.797						
11/3/2016 7:05:00 AM	32700.000	12.180	17.694	27.761	5973.404	6942.176	3.846	4720.680
167.409	1.002	14.795						
11/3/2016 7:10:00 AM	33000.000	12.176	17.694	27.752	5962.280	6929.195	3.839	4711.853
167.721	1.002	14.794						
11/3/2016 7:15:00 AM	33300.000	12.182	17.694	27.767	5951.892	6917.134	3.832	4703.651
168.014	1.002	14.792						
11/3/2016 7:20:00 AM	33600.000	12.175	17.693	27.750	5942.113	6905.878	3.825	4695.997
168.290	1.002	14.795						
11/3/2016 7:25:00 AM	33900.000	12.178	17.694	27.757	5933.081	6895.260	3.819	4688.777
168.546	1.002	14.797						
11/3/2016 7:30:00 AM	34200.000	12.177	17.693	27.755	5924.602	6885.512	3.813	4682.148
168.788	1.002	14.799						
11/3/2016 7:35:00 AM	34500.000	12.180	17.694	27.761	5917.164	6876.790	3.808	4676.217
169.000	1.002	14.800						
11/3/2016 7:40:00 AM	34800.000	12.178	17.694	27.758	5910.032	6868.486	3.803	4670.570
169.204	1.002	14.800						
11/3/2016 7:45:00 AM	35100.000	12.178	17.694	27.758	5902.643	6859.886	3.798	4664.723
169.416	1.002	14.800						
11/3/2016 7:50:00 AM	35400.000	12.181	17.694	27.763	5895.365	6851.481	3.793	4659.007
169.625	1.002	14.799						
11/3/2016 7:55:00 AM	35700.000	12.176	17.694	27.754	5888.987	6844.068	3.788	4653.966
169.809	1.002	14.798						
11/3/2016 8:00:00 AM	36000.000	12.184	17.694	27.771	5883.150	6837.299	3.784	4649.364
169.977	1.002	14.796						
11/3/2016 8:05:00 AM	36300.000	12.180	17.694	27.763	5877.703	6830.929	3.781	4645.032
170.135	1.002	14.799						
11/3/2016 8:10:00 AM	36600.000	12.173	17.693	27.746	5871.190	6823.452	3.776	4639.947
170.323	1.002	14.801						
11/3/2016 8:15:00 AM	36900.000	12.173	17.694	27.746	5865.424	6816.684	3.772	4635.345
170.491	1.002	14.804						
11/3/2016 8:20:00 AM	37200.000	12.171	17.694	27.741	5860.235	6810.668	3.769	4631.255
170.642	1.002	14.805						
11/3/2016 8:25:00 AM	37500.000	12.173	17.694	27.746	5854.779	6804.287	3.765	4626.916
170.801	1.002	14.806						
11/3/2016 8:30:00 AM	37800.000	12.173	17.693	27.747	5848.878	6797.521	3.761	4622.314
170.973	1.002	14.807						
11/3/2016 8:35:00 AM	38100.000	12.174	17.694	27.749	5843.674	6791.316	3.757	4618.095
171.125	1.002	14.806						
11/3/2016 8:40:00 AM	38400.000	12.170	17.693	27.740	5838.189	6785.084	3.753	4613.857
171.286	1.002	14.805						
11/3/2016 8:45:00 AM	38700.000	12.172	17.694	27.744	5832.314	6778.244	3.749	4609.206
171.459	1.002	14.804						
11/3/2016 8:50:00 AM	39000.000	12.172	17.694	27.743	5827.717	6772.809	3.746	4605.510
171.594	1.002	14.805						
11/3/2016 8:55:00 AM	39300.000	12.174	17.694	27.748	5822.230	6766.472	3.742	4601.201
171.755	1.002	14.805						
11/3/2016 9:00:00 AM	39600.000	12.177	17.694	27.755	5817.902	6761.441	3.739	4597.781
171.883	1.002	14.806						
11/3/2016 9:05:00 AM	39900.000	12.177	17.694	27.755	5813.400	6756.170	3.736	4594.196
172.016	1.002	14.807						
11/3/2016 9:10:00 AM	40200.000	12.174	17.694	27.749	5808.170	6750.158	3.733	4590.107
172.171	1.002	14.809						
11/3/2016 9:15:00 AM	40500.000	12.173	17.694	27.745	5805.281	6746.787	3.731	4587.816
172.257	1.002	14.810						
11/3/2016 9:20:00 AM	40800.000	12.174	17.694	27.748	5800.720	6741.396	3.728	4584.150
172.392	1.002	14.810						
11/3/2016 9:25:00 AM	41100.000	12.169	17.694	27.736	5797.339	6737.504	3.725	4581.503
172.493	1.002	14.809						
11/3/2016 9:30:00 AM	41400.000	12.171	17.693	27.742	5793.416	6733.115	3.723	4578.519
172.610	1.002	14.809						
11/3/2016 9:35:00 AM	41700.000	12.174	17.694	27.749	5789.445	6728.369	3.720	4575.291
172.728	1.002	14.808						
11/3/2016 9:40:00 AM	42000.000	12.175	17.693	27.750	5786.606	6725.149	3.718	4573.102
172.813	1.001	14.807						
11/3/2016 9:45:00 AM	42300.000	12.174	17.694	27.749	5783.251	6721.171	3.716	4570.397
172.913	1.001	14.807						
11/3/2016 9:50:00 AM	42600.000	12.173	17.693	27.747	5779.090	6716.415	3.713	4567.163
173.038	1.001	14.806						
11/3/2016 9:55:00 AM	42900.000	12.173	17.694	27.746	5776.065	6712.833	3.711	4564.727
173.128	1.001	14.805						
11/3/2016 10:00:00 AM	43200.000	12.175	17.693	27.750	5773.025	6709.365	3.709	4562.368
173.219	1.001	14.804						
11/3/2016 10:05:00 AM	43500.000	12.176	17.694	27.753	5769.634	6705.397	3.706	4559.670
173.321	1.001	14.802						
11/3/2016 10:10:00 AM	43800.000	12.179	17.694	27.761	5767.232	6702.543	3.705	4557.729
173.393	1.001	14.801						
11/3/2016 10:15:00 AM	44100.000	12.178	17.694	27.757	5764.452	6699.336	3.703	4555.549
173.477	1.001	14.799						
11/3/2016 10:20:00 AM	44400.000	12.171	17.694	27.742	5761.879	6696.321	3.701	4553.499
173.555	1.001	14.800						
11/3/2016 10:25:00 AM	44700.000	12.174	17.694	27.749	5759.458	6693.572	3.699	4551.629
173.627	1.001	14.802						

11/3/2016 10:30:00 AM	45000.000	12.171	17.694	27.741	5757.018	6690.632	3.698	4549.630
173.701	1.001	14.803						
11/3/2016 10:35:00 AM	45300.000	12.171	17.694	27.741	5753.491	6686.597	3.695	4546.886
173.808	1.001	14.802						
11/3/2016 10:40:00 AM	45600.000	12.171	17.694	27.743	5750.925	6683.616	3.694	4544.859
173.885	1.001	14.801						
11/3/2016 10:45:00 AM	45900.000	12.172	17.694	27.743	5748.292	6680.594	3.692	4542.804
173.965	1.001	14.800						
11/3/2016 10:50:00 AM	46200.000	12.175	17.694	27.750	5746.398	6678.341	3.690	4541.272
174.022	1.001	14.799						
11/3/2016 10:55:00 AM	46500.000	12.175	17.693	27.750	5743.514	6675.068	3.688	4539.047
174.109	1.001	14.798						
11/3/2016 11:00:00 AM	46800.000	12.176	17.694	27.753	5740.626	6671.595	3.686	4536.685
174.197	1.001	14.798						
11/3/2016 11:05:00 AM	47100.000	12.176	17.694	27.752	5739.197	6669.972	3.685	4535.581
174.240	1.001	14.798						
11/3/2016 11:10:00 AM	47400.000	12.174	17.693	27.749	5737.137	6667.642	3.684	4533.997
174.303	1.001	14.799						
11/3/2016 11:15:00 AM	47700.000	12.172	17.693	27.744	5735.936	6666.299	3.683	4533.084
174.339	1.001	14.799						
11/3/2016 11:20:00 AM	48000.000	12.166	17.694	27.730	5733.889	6663.792	3.682	4531.379
174.402	1.001	14.799						
11/3/2016 11:25:00 AM	48300.000	12.171	17.694	27.742	5731.681	6661.250	3.680	4529.651
174.469	1.001	14.799						
11/3/2016 11:30:00 AM	48600.000	12.170	17.693	27.738	5730.446	6659.905	3.680	4528.736
174.507	1.001	14.798						
11/3/2016 11:35:00 AM	48900.000	12.171	17.693	27.742	5728.397	6657.539	3.678	4527.127
174.569	1.001	14.795						
11/3/2016 11:40:00 AM	49200.000	12.175	17.693	27.750	5727.297	6656.324	3.677	4526.300
174.602	1.001	14.792						
11/3/2016 11:45:00 AM	49500.000	12.176	17.694	27.753	5725.365	6653.949	3.676	4524.686
174.661	1.001	14.789						
11/3/2016 11:50:00 AM	49800.000	12.175	17.694	27.751	5725.469	6654.017	3.676	4524.731
174.658	1.001	14.789						
11/3/2016 11:55:00 AM	50100.000	12.172	17.694	27.743	5723.394	6651.644	3.675	4523.118
174.722	1.001	14.789						
11/3/2016 12:00:00 PM	50400.000	12.171	17.693	27.742	5721.193	6649.139	3.673	4521.415
174.789	1.001	14.790						
11/3/2016 12:05:00 PM	50700.000	12.170	17.694	27.739	5720.310	6648.060	3.673	4520.681
174.816	1.001	14.791						
11/3/2016 12:10:00 PM	51000.000	12.164	17.693	27.725	5719.308	6646.936	3.672	4519.916
174.846	1.001	14.791						
11/3/2016 12:15:00 PM	51300.000	12.162	17.694	27.721	5717.817	6645.050	3.671	4518.634
174.892	1.001	14.792						
11/3/2016 12:20:00 PM	51600.000	12.167	17.693	27.733	5716.659	6643.870	3.670	4517.832
174.927	1.001	14.789						
11/3/2016 12:25:00 PM	51900.000	12.166	17.693	27.729	5715.415	6642.436	3.669	4516.856
174.965	1.001	14.787						
11/3/2016 12:30:00 PM	52200.000	12.167	17.694	27.733	5714.484	6641.278	3.669	4516.069
174.994	1.001	14.784						
11/3/2016 12:35:00 PM	52500.000	12.168	17.693	27.735	5713.325	6640.008	3.668	4515.206
175.029	1.001	14.785						
11/3/2016 12:40:00 PM	52800.000	12.168	17.694	27.735	5711.973	6638.371	3.667	4514.092
175.071	1.001	14.785						
11/3/2016 12:45:00 PM	53100.000	12.161	17.694	27.718	5711.917	6638.319	3.667	4514.057
175.073	1.001	14.786						
11/3/2016 12:50:00 PM	53400.000	12.165	17.694	27.727	5711.217	6637.455	3.666	4513.469
175.094	1.001	14.785						
11/3/2016 12:55:00 PM	53700.000	12.161	17.694	27.718	5711.055	6637.240	3.666	4513.323
175.099	1.001	14.785						
11/3/2016 1:00:00 PM	54000.000	12.164	17.694	27.726	5709.725	6635.682	3.665	4512.264
175.140	1.001	14.784						
11/3/2016 1:05:00 PM	54300.000	12.161	17.693	27.719	5710.414	6636.585	3.666	4512.878
175.119	1.001	14.781						
11/3/2016 1:10:00 PM	54600.000	12.164	17.694	27.726	5708.993	6634.844	3.665	4511.694
175.162	1.001	14.778						
11/3/2016 1:15:00 PM	54900.000	12.169	17.694	27.738	5708.371	6634.136	3.664	4511.213
175.181	1.001	14.775						
11/3/2016 1:20:00 PM	55200.000	12.169	17.694	27.737	5708.522	6634.374	3.664	4511.375
175.177	1.001	14.775						
11/3/2016 1:25:00 PM	55500.000	12.164	17.694	27.725	5707.561	6633.180	3.664	4510.563
175.206	1.001	14.775						
11/3/2016 1:30:00 PM	55800.000	12.165	17.693	27.729	5708.394	6634.276	3.664	4511.308
175.181	1.001	14.775						
11/3/2016 1:35:00 PM	56100.000	12.160	17.694	27.717	5707.876	6633.599	3.664	4510.848
175.197	1.001	14.774						
11/3/2016 1:40:00 PM	56400.000	12.161	17.694	27.719	5706.929	6632.460	3.663	4510.073
175.226	1.001	14.773						
11/3/2016 1:45:00 PM	56700.000	12.164	17.693	27.725	5706.297	6631.828	3.663	4509.643
175.245	1.001	14.772						
11/3/2016 1:50:00 PM	57000.000	12.165	17.694	27.728	5705.404	6630.634	3.662	4508.832
175.272	1.001	14.770						
11/3/2016 1:55:00 PM	57300.000	12.160	17.693	27.717	5705.132	6630.485	3.662	4508.730
175.281	1.001	14.767						
11/3/2016 2:00:00 PM	57600.000	12.160	17.693	27.717	5704.103	6629.290	3.661	4507.917
175.312	1.001	14.764						
11/3/2016 2:05:00 PM	57900.000	12.166	17.694	27.729	5703.312	6628.293	3.661	4507.240
175.337	1.001	14.763						
11/3/2016 2:10:00 PM	58200.000	12.166	17.694	27.729	5702.638	6627.511	3.660	4506.708
175.357	1.001	14.762						
11/3/2016 2:15:00 PM	58500.000	12.167	17.693	27.732	5702.139	6626.968	3.660	4506.338
175.373	1.001	14.761						
11/3/2016 2:20:00 PM	58800.000	12.167	17.694	27.731	5702.745	6627.646	3.660	4506.800
175.354	1.001	14.760						
11/3/2016 2:25:00 PM	59100.000	12.166	17.694	27.729	5701.826	6626.554	3.660	4506.057
175.382	1.001	14.759						
11/3/2016 2:30:00 PM	59400.000	12.166	17.694	27.730	5701.687	6626.391	3.660	4505.946
175.387	1.001	14.759						
11/3/2016 2:35:00 PM	59700.000	12.161	17.694	27.718	5702.104	6626.890	3.660	4506.285
175.374	1.001	14.760						
11/3/2016 2:40:00 PM	60000.000	12.162	17.694	27.722	5700.940	6625.563	3.659	4505.383
175.410	1.001	14.760						
11/3/2016 2:45:00 PM	60300.000	12.161	17.693	27.719	5702.078	6626.950	3.660	4506.326
175.375	1.001	14.761						
11/3/2016 2:50:00 PM	60600.000	12.160	17.693	27.717	5701.974	6626.790	3.660	4506.217
175.378	1.001	14.761						
11/3/2016 2:55:00 PM	60900.000	12.154	17.694	27.702	5701.662	6626.401	3.660	4505.953
175.387	1.001	14.762						
11/3/2016 3:00:00 PM	61200.000	12.159	17.694	27.715	5701.883	6626.595	3.660	4506.085
175.381	1.001	14.762						
11/3/2016 3:05:00 PM	61500.000	12.155	17.693	27.705	5702.410	6627.310	3.660	4506.571
175.364	1.001	14.760						
11/3/2016 3:10:00 PM	61800.000	12.162	17.694	27.721	5702.050	6626.839	3.660	4506.251
175.376	1.001	14.757						
11/3/2016 3:15:00 PM	62100.000	12.162	17.694	27.722	5701.678	6626.368	3.660	4505.931
175.387	1.001	14.755						
11/3/2016 3:20:00 PM	62400.000	12.162	17.694	27.721	5702.660	6627.509	3.660	4506.706
175.357	1.001	14.757						
11/3/2016 3:25:00 PM	62700.000	12.156	17.694	27.706	5703.090	6628.061	3.661	4507.082
175.344	1.001	14.759						
11/3/2016 3:30:00 PM	63000.000	12.154	17.694	27.702	5702.732	6627.594	3.660	4506.764
175.355	1.001	14.760						
11/3/2016 3:35:00 PM	63300.000	12.159	17.694	27.715	5703.737	6628.711	3.661	4507.523
175.324	1.001	14.759						
11/3/2016 3:40:00 PM	63600.000	12.160	17.693	27.716	5704.644	6629.932	3.662	4508.354
175.296	1.001	14.758						
11/3/2016 3:45:00 PM	63900.000	12.163	17.694	27.722	5705.578	6630.863	3.662	4508.987
175.267	1.001	14.756						
11/3/2016 3:50:00 PM	64200.000	12.160	17.694	27.717	5704.928	6630.184	3.662	4508.525
175.287	1.001	14.758						
11/3/2016 3:55:00 PM	64500.000	12.158	17.693	27.713	5705.381	6630.750	3.662	4508.910
175.273	1.001	14.760						
11/3/2016 4:00:00 PM	64800.000	12.156	17.693	27.708	5706.258	6631.808	3.663	4509.630

175.246	1.001	14.762						
11/3/2016 4:05:00 PM	65100.000	12.157	17.693	27.709	5706.360	6631.913	3.663	4509.701
175.243	1.001	14.762						
11/3/2016 4:10:00 PM	65400.000	12.156	17.693	27.708	5707.563	6633.311	3.664	4510.651
175.206	1.001	14.762						
11/3/2016 4:15:00 PM	65700.000	12.157	17.693	27.710	5708.550	6634.446	3.665	4511.424
175.176	1.001	14.762						
11/3/2016 4:20:00 PM	66000.000	12.159	17.694	27.715	5708.506	6634.342	3.664	4511.353
175.177	1.001	14.761						
11/3/2016 4:25:00 PM	66300.000	12.159	17.693	27.715	5709.213	6635.255	3.665	4511.973
175.155	1.001	14.760						
11/3/2016 4:30:00 PM	66600.000	12.160	17.694	27.717	5708.689	6634.568	3.665	4511.506
175.172	1.001	14.759						
11/3/2016 4:35:00 PM	66900.000	12.160	17.694	27.716	5710.230	6636.320	3.666	4512.698
175.124	1.001	14.760						
11/3/2016 4:40:00 PM	67200.000	12.155	17.694	27.704	5711.361	6637.611	3.666	4513.576
175.090	1.001	14.761						
11/3/2016 4:45:00 PM	67500.000	12.156	17.694	27.707	5711.573	6637.817	3.666	4513.716
175.083	1.001	14.762						
11/3/2016 4:50:00 PM	67800.000	12.153	17.693	27.700	5711.672	6638.101	3.667	4513.908
175.080	1.001	14.760						
11/3/2016 4:55:00 PM	68100.000	12.152	17.693	27.698	5711.044	6637.370	3.666	4513.412
175.099	1.001	14.759						
11/3/2016 5:00:00 PM	68400.000	12.158	17.693	27.712	5711.956	6638.442	3.667	4514.141
175.071	1.001	14.758						
11/3/2016 5:05:00 PM	68700.000	12.153	17.693	27.700	5711.932	6638.350	3.667	4514.078
175.072	1.001	14.758						
11/3/2016 5:10:00 PM	69000.000	12.156	17.693	27.708	5713.100	6639.760	3.668	4515.037
175.036	1.001	14.759						
11/3/2016 5:15:00 PM	69300.000	12.149	17.693	27.692	5713.287	6639.924	3.668	4515.148
175.031	1.001	14.759						
11/3/2016 5:20:00 PM	69600.000	12.155	17.694	27.705	5713.571	6640.204	3.668	4515.338
175.022	1.001	14.760						
11/3/2016 5:25:00 PM	69900.001	12.154	17.694	27.703	5714.233	6640.921	3.668	4515.827
175.002	1.001	14.760						
11/3/2016 5:30:00 PM	70200.000	12.154	17.695	27.702	5713.917	6640.479	3.668	4515.526
175.011	1.001	14.761						
11/3/2016 5:35:00 PM	70500.000	12.148	17.694	27.690	5714.752	6641.590	3.669	4516.282
174.986	1.001	14.761						
11/3/2016 5:40:00 PM	70800.000	12.153	17.694	27.701	5715.231	6642.119	3.669	4516.641
174.971	1.001	14.761						
11/3/2016 5:45:00 PM	71100.000	12.147	17.694	27.687	5714.636	6641.417	3.669	4516.164
174.989	1.001	14.761						
11/3/2016 5:50:00 PM	71400.000	12.147	17.694	27.687	5715.182	6642.101	3.669	4516.629
174.973	1.001	14.760						
11/3/2016 5:55:00 PM	71700.000	12.154	17.694	27.703	5714.916	6641.728	3.669	4516.375
174.981	1.001	14.759						
11/3/2016 6:00:00 PM	72000.000	12.155	17.694	27.704	5716.084	6643.138	3.670	4517.334
174.945	1.001	14.758						
11/3/2016 6:05:00 PM	72300.000	12.153	17.694	27.699	5714.640	6641.407	3.669	4516.157
174.989	1.001	14.758						
11/3/2016 6:10:00 PM	72600.000	12.157	17.693	27.709	5715.846	6642.898	3.669	4517.171
174.952	1.001	14.757						
11/3/2016 6:15:00 PM	72900.000	12.151	17.694	27.697	5715.910	6642.921	3.670	4517.187
174.950	1.001	14.756						
11/3/2016 6:20:00 PM	73200.000	12.154	17.694	27.702	5715.410	6642.316	3.669	4516.775
174.966	1.001	14.757						
11/3/2016 6:25:00 PM	73500.000	12.152	17.694	27.699	5716.394	6643.460	3.670	4517.553
174.935	1.001	14.758						
11/3/2016 6:30:00 PM	73800.000	12.151	17.694	27.696	5714.746	6641.568	3.669	4516.267
174.986	1.001	14.760						
11/3/2016 6:35:00 PM	74100.000	12.152	17.693	27.698	5715.221	6642.172	3.669	4516.677
174.971	1.001	14.759						
11/3/2016 6:40:00 PM	74400.000	12.151	17.694	27.696	5714.452	6641.266	3.669	4516.061
174.995	1.001	14.758						
11/3/2016 6:45:00 PM	74700.000	12.154	17.693	27.702	5714.658	6641.557	3.669	4516.259
174.989	1.001	14.757						
11/3/2016 6:50:00 PM	75000.000	12.149	17.693	27.690	5714.535	6641.414	3.669	4516.162
174.992	1.001	14.759						
11/3/2016 6:55:00 PM	75300.000	12.151	17.694	27.696	5715.373	6642.311	3.669	4516.772
174.967	1.001	14.760						
11/3/2016 7:00:00 PM	75600.000	12.152	17.693	27.698	5714.734	6641.606	3.669	4516.292
174.986	1.001	14.761						
11/3/2016 7:05:00 PM	75900.000	12.150	17.694	27.693	5714.926	6641.803	3.669	4516.427
174.980	1.001	14.761						
11/3/2016 7:10:00 PM	76200.000	12.150	17.694	27.693	5713.887	6640.557	3.668	4515.579
175.012	1.001	14.761						
11/3/2016 7:15:00 PM	76500.000	12.147	17.694	27.687	5714.654	6641.501	3.669	4516.221
174.989	1.001	14.761						
11/3/2016 7:20:00 PM	76800.000	12.152	17.694	27.699	5713.839	6640.515	3.668	4515.550
175.014	1.001	14.760						
11/3/2016 7:25:00 PM	77100.000	12.154	17.694	27.702	5714.444	6641.218	3.668	4516.028
174.995	1.001	14.760						
11/3/2016 7:30:00 PM	77400.000	12.149	17.694	27.692	5713.470	6640.073	3.668	4515.250
175.025	1.001	14.759						
11/3/2016 7:35:00 PM	77700.000	12.152	17.694	27.697	5714.318	6641.047	3.668	4515.913
174.999	1.001	14.761						
11/3/2016 7:40:00 PM	78000.000	12.147	17.694	27.688	5713.339	6639.973	3.668	4515.182
175.029	1.001	14.762						
11/3/2016 7:45:00 PM	78300.000	12.147	17.694	27.686	5713.710	6640.404	3.668	4515.475
175.018	1.001	14.764						
11/3/2016 7:50:00 PM	78600.000	12.151	17.694	27.695	5713.896	6640.567	3.668	4515.586
175.012	1.001	14.764						
11/3/2016 7:55:00 PM	78900.000	12.145	17.693	27.683	5713.018	6639.626	3.668	4514.946
175.039	1.001	14.764						
11/3/2016 8:00:00 PM	79200.000	12.149	17.693	27.692	5713.538	6640.230	3.668	4515.356
175.023	1.001	14.764						
11/3/2016 8:05:00 PM	79500.000	12.147	17.694	27.688	5713.676	6640.339	3.668	4515.431
175.019	1.001	14.762						
11/3/2016 8:10:00 PM	79800.000	12.149	17.693	27.692	5713.772	6640.527	3.668	4515.558
175.016	1.001	14.759						
11/3/2016 8:15:00 PM	80100.000	12.156	17.693	27.706	5713.131	6639.820	3.668	4515.078
175.035	1.001	14.757						
11/3/2016 8:20:00 PM	80400.000	12.149	17.694	27.691	5712.898	6639.460	3.667	4514.833
175.042	1.001	14.760						
11/3/2016 8:25:00 PM	80700.000	12.148	17.694	27.690	5712.893	6639.454	3.667	4514.829
175.043	1.001	14.764						
11/3/2016 8:30:00 PM	81000.000	12.140	17.693	27.671	5713.575	6640.298	3.668	4515.403
175.022	1.001	14.768						
11/3/2016 8:35:00 PM	81300.000	12.142	17.694	27.676	5712.236	6638.677	3.667	4514.300
175.063	1.001	14.766						
11/3/2016 8:40:00 PM	81600.000	12.149	17.693	27.691	5713.112	6639.721	3.668	4515.010
175.036	1.001	14.764						
11/3/2016 8:45:00 PM	81900.000	12.146	17.693	27.684	5713.594	6640.281	3.668	4515.391
175.021	1.001	14.762						
11/3/2016 8:50:00 PM	82200.000	12.150	17.694	27.694	5712.990	6639.528	3.668	4514.880
175.040	1.001	14.762						
11/3/2016 8:55:00 PM	82500.000	12.150	17.694	27.695	5713.074	6639.626	3.668	4514.946
175.037	1.001	14.762						
11/3/2016 9:00:00 PM	82800.000	12.145	17.694	27.682	5712.832	6639.344	3.667	4514.754
175.045	1.001	14.762						
11/3/2016 9:05:00 PM	83100.000	12.146	17.693	27.684	5713.164	6639.781	3.668	4515.051
175.034	1.001	14.762						
11/3/2016 9:10:00 PM	83400.000	12.149	17.694	27.691	5712.122	6638.543	3.667	4514.210
175.066	1.001	14.761						
11/3/2016 9:15:00 PM	83700.000	12.152	17.693	27.697	5712.606	6639.172	3.667	4514.638
175.051	1.001	14.761						
11/3/2016 9:20:00 PM	84000.000	12.147	17.694	27.688	5712.371	6638.808	3.667	4514.390
175.059	1.001	14.761						
11/3/2016 9:25:00 PM	84300.000	12.152	17.694	27.699	5713.471	6640.087	3.668	4515.259
175.025	1.001	14.760						
11/3/2016 9:30:00 PM	84600.000	12.148	17.693	27.689	5713.713	6640.420	3.668	4515.486
175.018	1.001	14.759						

11/3/2016 9:35:00 PM	84900.000	12.153	17.694	27.700	5712.659	6639.157	3.667	4514.627
175.050	1.001	14.761						
11/3/2016 9:40:00 PM	85200.000	12.151	17.694	27.695	5713.050	6639.636	3.668	4514.953
175.038	1.001	14.762						
11/3/2016 9:45:00 PM	85500.000	12.147	17.694	27.687	5713.085	6639.615	3.668	4514.938
175.037	1.001	14.764						
11/3/2016 9:50:00 PM	85800.000	12.150	17.693	27.693	5713.217	6639.870	3.668	4515.112
175.033	1.001	14.764						
11/3/2016 9:55:00 PM	86100.000	12.153	17.694	27.699	5713.485	6640.103	3.668	4515.270
175.025	1.001	14.765						
11/3/2016 10:00:00 PM	86400.000	12.152	17.694	27.698	5719.165	6646.729	3.672	4519.776
174.851	1.001	14.765						
11/3/2016 10:05:00 PM	86700.000	12.151	17.694	27.695	5732.672	6662.416	3.681	4530.443
174.439	1.001	14.764						
11/3/2016 10:10:00 PM	87000.000	12.150	17.693	27.694	5753.292	6686.482	3.695	4546.808
173.814	1.001	14.764						
11/3/2016 10:15:00 PM	87300.000	12.154	17.694	27.703	5769.575	6705.290	3.706	4559.598
173.323	1.001	14.763						
11/3/2016 10:20:00 PM	87600.000	12.153	17.693	27.701	5784.347	6722.509	3.716	4571.306
172.880	1.001	14.765						
11/3/2016 10:25:00 PM	87900.000	12.145	17.693	27.683	5799.151	6739.729	3.727	4583.017
172.439	1.002	14.767						
11/3/2016 10:30:00 PM	88200.000	12.143	17.693	27.679	5810.143	6752.516	3.734	4591.711
172.113	1.002	14.770						
11/3/2016 10:35:00 PM	88500.000	12.151	17.693	27.695	5822.099	6766.399	3.742	4601.151
171.759	1.002	14.767						
11/3/2016 10:40:00 PM	88800.000	12.154	17.693	27.703	5831.471	6777.383	3.749	4608.621
171.483	1.002	14.765						
11/3/2016 10:45:00 PM	89100.000	12.156	17.694	27.707	5840.281	6787.488	3.755	4615.492
171.225	1.002	14.763						
11/3/2016 10:50:00 PM	89400.000	12.153	17.693	27.701	5848.562	6797.166	3.761	4622.073
170.982	1.002	14.765						
11/3/2016 10:55:00 PM	89700.000	12.151	17.693	27.696	5855.913	6805.723	3.766	4627.892
170.768	1.002	14.767						
11/3/2016 11:00:00 PM	90000.000	12.145	17.693	27.683	5864.245	6815.406	3.771	4634.476
170.525	1.002	14.770						
11/3/2016 11:05:00 PM	90300.000	12.148	17.693	27.690	5872.102	6824.552	3.777	4640.696
170.297	1.002	14.770						
11/3/2016 11:10:00 PM	90600.000	12.145	17.693	27.682	5877.924	6831.384	3.781	4645.341
170.128	1.002	14.769						
11/3/2016 11:15:00 PM	90900.000	12.144	17.693	27.681	5885.047	6839.557	3.786	4650.898
169.922	1.002	14.769						
11/3/2016 11:20:00 PM	91200.000	12.151	17.693	27.695	5891.360	6846.919	3.790	4655.905
169.740	1.002	14.768						
11/3/2016 11:25:00 PM	91500.000	12.152	17.693	27.698	5896.896	6853.407	3.794	4660.316
169.581	1.002	14.767						
11/3/2016 11:30:00 PM	91800.000	12.148	17.693	27.689	5902.803	6860.218	3.798	4664.948
169.411	1.002	14.766						
11/3/2016 11:35:00 PM	92100.000	12.147	17.693	27.687	5908.625	6866.943	3.802	4669.522
169.244	1.002	14.767						
11/3/2016 11:40:00 PM	92400.000	12.146	17.693	27.685	5913.617	6872.800	3.805	4673.505
169.101	1.002	14.769						
11/3/2016 11:45:00 PM	92700.000	12.146	17.693	27.685	5918.519	6878.470	3.809	4677.359
168.961	1.002	14.771						
11/3/2016 11:50:00 PM	93000.000	12.144	17.693	27.680	5922.973	6883.686	3.812	4680.907
168.834	1.002	14.771						
11/3/2016 11:55:00 PM	93300.000	12.153	17.693	27.700	5928.147	6889.687	3.815	4684.987
168.687	1.002	14.771						
11/4/2016 12:00:00 AM	93600.000	12.151	17.693	27.695	5932.348	6894.582	3.818	4688.316
168.567	1.002	14.771						
11/4/2016 12:05:00 AM	93900.000	12.152	17.693	27.697	5935.641	6898.436	3.820	4690.937
168.474	1.002	14.768						
11/4/2016 12:10:00 AM	94200.000	12.150	17.693	27.693	5940.153	6903.601	3.824	4694.448
168.346	1.002	14.766						
11/4/2016 12:15:00 AM	94500.000	12.154	17.693	27.702	5943.639	6907.665	3.826	4697.212
168.247	1.002	14.764						
11/4/2016 12:20:00 AM	94800.000	12.153	17.693	27.700	5947.904	6912.621	3.829	4700.583
168.126	1.002	14.765						
11/4/2016 12:25:00 AM	95100.000	12.154	17.693	27.702	5952.406	6917.921	3.832	4704.187
167.999	1.002	14.766						
11/4/2016 12:30:00 AM	95400.000	12.151	17.693	27.697	5954.673	6920.570	3.834	4705.987
167.935	1.002	14.768						
11/4/2016 12:35:00 AM	95700.000	12.153	17.693	27.699	5957.591	6923.907	3.836	4708.257
167.853	1.002	14.767						
11/4/2016 12:40:00 AM	96000.000	12.148	17.693	27.689	5961.345	6928.242	3.838	4711.205
167.747	1.002	14.766						
11/4/2016 12:45:00 AM	96300.000	12.154	17.693	27.703	5963.337	6930.570	3.840	4712.788
167.691	1.002	14.765						
11/4/2016 12:50:00 AM	96600.000	12.153	17.693	27.700	5967.188	6935.101	3.842	4715.869
167.583	1.002	14.766						
11/4/2016 12:55:00 AM	96900.000	12.151	17.693	27.695	5970.410	6938.778	3.844	4718.370
167.493	1.002	14.767						
11/4/2016 1:00:00 AM	97200.000	12.151	17.693	27.697	5972.044	6940.664	3.845	4719.652
167.447	1.002	14.768						
11/4/2016 1:05:00 AM	97500.000	12.151	17.693	27.697	5975.014	6944.129	3.848	4722.008
167.364	1.002	14.767						
11/4/2016 1:10:00 AM	97800.000	12.153	17.693	27.702	5977.289	6946.800	3.849	4723.825
167.300	1.002	14.765						
11/4/2016 1:15:00 AM	98100.000	12.157	17.693	27.709	5979.901	6949.781	3.851	4725.852
167.227	1.002	14.764						
11/4/2016 1:20:00 AM	98400.000	12.159	17.693	27.713	5982.854	6953.335	3.853	4728.268
167.144	1.002	14.762						
11/4/2016 1:25:00 AM	98700.000	12.160	17.693	27.716	5984.903	6955.674	3.854	4729.858
167.087	1.002	14.761						
11/4/2016 1:30:00 AM	99000.000	12.157	17.693	27.710	5987.986	6959.217	3.856	4732.268
167.001	1.002	14.760						
11/4/2016 1:35:00 AM	99300.000	12.155	17.693	27.705	5989.904	6961.474	3.858	4733.802
166.948	1.002	14.761						
11/4/2016 1:40:00 AM	99600.000	12.158	17.693	27.712	5991.852	6963.685	3.859	4735.306
166.893	1.002	14.763						
11/4/2016 1:45:00 AM	99900.000	12.154	17.693	27.703	5994.226	6966.484	3.861	4737.210
166.827	1.002	14.764						
11/4/2016 1:50:00 AM	100200.000	12.153	17.693	27.701	5994.908	6967.263	3.861	4737.739
166.808	1.002	14.766						
11/4/2016 1:55:00 AM	100500.000	12.155	17.693	27.704	5996.957	6969.630	3.863	4739.349
166.751	1.002	14.768						
11/4/2016 2:00:00 AM	100800.000	12.154	17.692	27.703	5998.948	6972.067	3.864	4741.006
166.696	1.002	14.770						
11/4/2016 2:05:00 AM	101100.000	12.156	17.694	27.708	6001.007	6974.296	3.865	4742.522
166.639	1.002	14.769						
11/4/2016 2:10:00 AM	101400.000	12.158	17.693	27.712	6002.760	6976.428	3.867	4743.971
166.590	1.002	14.769						
11/4/2016 2:15:00 AM	101700.000	12.156	17.693	27.707	6004.294	6978.185	3.868	4745.167
166.547	1.002	14.769						
11/4/2016 2:20:00 AM	102000.000	12.158	17.693	27.712	6004.457	6978.400	3.868	4745.312
166.543	1.002	14.769						
11/4/2016 2:25:00 AM	102300.000	12.161	17.693	27.720	6006.308	6980.511	3.869	4746.748
166.492	1.002	14.768						
11/4/2016 2:30:00 AM	102600.000	12.162	17.693	27.721	6008.144	6982.672	3.870	4748.218
166.441	1.002	14.768						
11/4/2016 2:35:00 AM	102900.000	12.154	17.693	27.702	6009.995	6984.851	3.872	4749.699
166.389	1.002	14.769						
11/4/2016 2:40:00 AM	103200.000	12.160	17.693	27.717	6011.205	6986.257	3.872	4750.655
166.356	1.002	14.770						
11/4/2016 2:45:00 AM	103500.000	12.159	17.693	27.715	6012.087	6987.214	3.873	4751.306
166.332	1.002	14.771						
11/4/2016 2:50:00 AM	103800.000	12.161	17.693	27.718	6014.313	6989.773	3.875	4753.046
166.270	1.002	14.770						
11/4/2016 2:55:00 AM	104100.000	12.159	17.693	27.715	6015.149	6990.813	3.875	4753.754
166.247	1.002	14.768						
11/4/2016 3:00:00 AM	104400.000	12.165	17.693	27.728	6016.061	6991.860	3.876	4754.466
166.222	1.002	14.766						
11/4/2016 3:05:00 AM	104700.000	12.161	17.693	27.719	6016.413	6992.270	3.876	4754.744

166.212	1.002	14.769						
11/4/2016 3:10:00 AM	105000.000	12.162	17.694	27.721	6017.316	6993.251	3.877	4755.411
166.187	1.002	14.771						
11/4/2016 3:15:00 AM	105300.000	12.160	17.693	27.717	6017.187	6993.154	3.877	4755.345
166.191	1.002	14.774						
11/4/2016 3:20:00 AM	105600.000	12.162	17.693	27.721	6019.286	6995.621	3.878	4757.023
166.133	1.002	14.774						
11/4/2016 3:25:00 AM	105900.000	12.161	17.694	27.719	6020.122	6996.512	3.879	4757.628
166.110	1.002	14.773						
11/4/2016 3:30:00 AM	106200.000	12.163	17.694	27.724	6020.287	6996.677	3.879	4757.741
166.105	1.002	14.773						
11/4/2016 3:35:00 AM	106500.000	12.165	17.693	27.727	6021.354	6998.025	3.879	4758.657
166.076	1.002	14.771						
11/4/2016 3:40:00 AM	106800.000	12.168	17.693	27.734	6023.063	7000.011	3.881	4760.007
166.028	1.002	14.770						
11/4/2016 3:45:00 AM	107100.000	12.166	17.693	27.731	6023.224	7000.171	3.881	4760.117
166.024	1.002	14.769						
11/4/2016 3:50:00 AM	107400.000	12.166	17.693	27.731	6023.730	7000.759	3.881	4760.517
166.010	1.002	14.770						
11/4/2016 3:55:00 AM	107700.000	12.160	17.693	27.717	6025.045	7002.315	3.882	4761.574
165.974	1.002	14.772						
11/4/2016 4:00:00 AM	108000.000	12.163	17.694	27.723	6023.937	7000.930	3.881	4760.633
166.004	1.002	14.774						
11/4/2016 4:05:00 AM	108300.000	12.163	17.693	27.723	6024.371	7001.491	3.882	4761.014
165.992	1.002	14.774						
11/4/2016 4:10:00 AM	108600.000	12.165	17.693	27.727	6024.894	7002.099	3.882	4761.427
165.978	1.002	14.774						
11/4/2016 4:15:00 AM	108900.000	12.165	17.693	27.728	6025.361	7002.655	3.882	4761.806
165.965	1.002	14.774						
11/4/2016 4:20:00 AM	109200.000	12.167	17.693	27.731	6025.571	7002.898	3.882	4761.972
165.959	1.002	14.772						
11/4/2016 4:25:00 AM	109500.000	12.164	17.693	27.726	6026.447	7004.012	3.883	4762.729
165.935	1.002	14.771						
11/4/2016 4:30:00 AM	109800.000	12.167	17.693	27.731	6026.498	7003.949	3.883	4762.686
165.934	1.002	14.769						
11/4/2016 4:35:00 AM	110100.000	12.169	17.693	27.736	6026.963	7004.517	3.883	4763.072
165.921	1.002	14.772						
11/4/2016 4:40:00 AM	110400.000	12.168	17.692	27.734	6027.519	7005.273	3.884	4763.586
165.906	1.002	14.775						
11/4/2016 4:45:00 AM	110700.000	12.164	17.693	27.726	6028.294	7006.037	3.884	4764.106
165.884	1.002	14.778						
11/4/2016 4:50:00 AM	111000.000	12.167	17.693	27.732	6028.479	7006.237	3.884	4764.241
165.879	1.002	14.775						
11/4/2016 4:55:00 AM	111300.000	12.167	17.693	27.732	6028.690	7006.482	3.884	4764.409
165.874	1.002	14.772						
11/4/2016 5:00:00 AM	111600.000	12.175	17.694	27.750	6028.298	7006.000	3.884	4764.080
165.884	1.002	14.769						
11/4/2016 5:05:00 AM	111900.000	12.173	17.693	27.746	6028.691	7006.565	3.885	4764.464
165.873	1.002	14.770						
11/4/2016 5:10:00 AM	112200.000	12.170	17.693	27.740	6029.124	7007.042	3.885	4764.789
165.862	1.002	14.771						
11/4/2016 5:15:00 AM	112500.000	12.171	17.693	27.741	6030.024	7008.048	3.885	4765.473
165.837	1.002	14.772						
11/4/2016 5:20:00 AM	112800.000	12.171	17.693	27.741	6029.376	7007.309	3.885	4764.970
165.855	1.002	14.773						
11/4/2016 5:25:00 AM	113100.000	12.165	17.694	27.727	6029.878	7007.783	3.885	4765.292
165.841	1.002	14.774						
11/4/2016 5:30:00 AM	113400.000	12.172	17.693	27.743	6029.518	7007.500	3.885	4765.101
165.851	1.002	14.775						
11/4/2016 5:35:00 AM	113700.000	12.170	17.693	27.739	6030.169	7008.243	3.886	4765.606
165.833	1.002	14.776						
11/4/2016 5:40:00 AM	114000.000	12.167	17.693	27.733	6030.324	7008.410	3.886	4765.719
165.829	1.002	14.777						
11/4/2016 5:45:00 AM	114300.000	12.167	17.693	27.733	6030.662	7008.802	3.886	4765.985
165.819	1.002	14.778						
11/4/2016 5:50:00 AM	114600.000	12.165	17.693	27.729	6030.381	7008.544	3.886	4765.811
165.827	1.002	14.778						
11/4/2016 5:55:00 AM	114900.000	12.167	17.693	27.733	6030.380	7008.447	3.886	4765.744
165.827	1.002	14.778						
11/4/2016 6:00:00 AM	115200.000	12.165	17.693	27.727	6030.446	7008.551	3.886	4765.815
165.825	1.002	14.778						
11/4/2016 6:05:00 AM	115500.000	12.165	17.693	27.729	6030.545	7008.638	3.886	4765.875
165.822	1.002	14.777						
11/4/2016 6:10:00 AM	115800.000	12.168	17.693	27.735	6030.610	7008.770	3.886	4765.964
165.821	1.002	14.776						
11/4/2016 6:15:00 AM	116100.000	12.168	17.693	27.736	6031.093	7009.386	3.886	4766.383
165.807	1.002	14.775						
11/4/2016 6:20:00 AM	116400.000	12.172	17.693	27.744	6031.374	7009.683	3.886	4766.585
165.800	1.002	14.776						
11/4/2016 6:25:00 AM	116700.000	12.166	17.693	27.731	6030.568	7008.680	3.886	4765.902
165.822	1.002	14.776						
11/4/2016 6:30:00 AM	117000.000	12.169	17.693	27.737	6030.610	7008.770	3.886	4765.964
165.821	1.002	14.776						
11/4/2016 6:35:00 AM	117300.000	12.174	17.694	27.748	6031.300	7009.488	3.886	4766.452
165.802	1.002	14.776						
11/4/2016 6:40:00 AM	117600.000	12.171	17.693	27.741	6030.239	7008.298	3.886	4765.643
165.831	1.002	14.775						
11/4/2016 6:45:00 AM	117900.000	12.174	17.693	27.748	6031.017	7009.228	3.886	4766.275
165.810	1.002	14.774						
11/4/2016 6:50:00 AM	118200.000	12.175	17.694	27.750	6030.816	7008.915	3.886	4766.063
165.815	1.002	14.774						
11/4/2016 6:55:00 AM	118500.000	12.168	17.693	27.735	6030.250	7008.324	3.886	4765.661
165.831	1.002	14.774						
11/4/2016 7:00:00 AM	118800.000	12.168	17.693	27.735	6028.153	7005.887	3.884	4764.003
165.898	1.002	14.774						
11/4/2016 7:05:00 AM	119100.000	12.170	17.694	27.738	6021.165	6997.683	3.879	4758.425
166.081	1.002	14.773						
11/4/2016 7:10:00 AM	119400.000	12.176	17.694	27.753	6009.647	6984.298	3.871	4749.323
166.399	1.002	14.772						
11/4/2016 7:15:00 AM	119700.000	12.169	17.693	27.737	5993.703	6965.835	3.860	4736.768
166.842	1.002	14.772						
11/4/2016 7:20:00 AM	120000.000	12.172	17.694	27.744	5979.325	6949.032	3.850	4725.342
167.243	1.002	14.771						
11/4/2016 7:25:00 AM	120300.000	12.174	17.693	27.748	5966.611	6934.375	3.842	4715.376
167.599	1.002	14.770						
11/4/2016 7:30:00 AM	120600.000	12.172	17.693	27.744	5955.249	6921.145	3.834	4706.378
167.919	1.002	14.769						
11/4/2016 7:35:00 AM	120900.000	12.172	17.694	27.744	5944.126	6908.150	3.826	4697.542
168.233	1.002	14.769						
11/4/2016 7:40:00 AM	121200.000	12.177	17.694	27.754	5935.158	6897.713	3.820	4690.445
168.488	1.002	14.768						
11/4/2016 7:45:00 AM	121500.000	12.178	17.694	27.758	5925.646	6886.698	3.814	4682.955
168.758	1.002	14.768						
11/4/2016 7:50:00 AM	121800.000	12.175	17.694	27.752	5916.903	6876.526	3.808	4676.038
169.007	1.002	14.770						
11/4/2016 7:55:00 AM	122100.000	12.176	17.694	27.753	5908.291	6866.411	3.802	4669.160
169.254	1.002	14.772						
11/4/2016 8:00:00 AM	122400.000	12.174	17.693	27.748	5900.853	6857.926	3.797	4663.390
169.467	1.002	14.774						
11/4/2016 8:05:00 AM	122700.000	12.168	17.694	27.735	5893.854	6849.765	3.792	4657.841
169.668	1.002	14.776						
11/4/2016 8:10:00 AM	123000.000	12.172	17.693	27.744	5887.207	6842.067	3.787	4652.605
169.860	1.002	14.777						
11/4/2016 8:15:00 AM	123300.000	12.169	17.693	27.738	5880.458	6834.250	3.783	4647.290
170.055	1.002	14.778						
11/4/2016 8:20:00 AM	123600.000	12.171	17.694	27.742	5875.389	6828.251	3.779	4643.211
170.202	1.002	14.775						
11/4/2016 8:25:00 AM	123900.000	12.173	17.694	27.746	5868.371	6820.043	3.774	4637.629
170.405	1.002	14.773						
11/4/2016 8:30:00 AM	124200.000	12.179	17.694	27.759	5862.607	6813.397	3.770	4633.110
170.573	1.002	14.770						
11/4/2016 8:35:00 AM	124500.000	12.178	17.694	27.758	5856.661	6806.500	3.766	4628.420
170.746	1.002	14.772						

11/4/2016 8:40:00 AM	124800.000	12.176	17.694	27.753	5851.455	6800.475	3.763	4624.323
170.898	1.002	14.774						
11/4/2016 8:45:00 AM	125100.000	12.170	17.694	27.739	5847.047	6795.327	3.760	4620.822
171.026	1.002	14.775						
11/4/2016 8:50:00 AM	125400.000	12.174	17.694	27.748	5841.082	6788.354	3.755	4616.081
171.201	1.002	14.774						
11/4/2016 8:55:00 AM	125700.000	12.176	17.693	27.752	5835.212	6781.651	3.751	4611.523
171.373	1.002	14.773						
11/4/2016 9:00:00 AM	126000.000	12.177	17.694	27.756	5829.915	6775.376	3.748	4607.256
171.529	1.002	14.771						
11/4/2016 9:05:00 AM	126300.000	12.175	17.694	27.750	5825.092	6769.786	3.744	4603.455
171.671	1.002	14.776						
11/4/2016 9:10:00 AM	126600.000	12.165	17.694	27.728	5819.279	6763.094	3.740	4598.905
171.843	1.002	14.781						
11/4/2016 9:15:00 AM	126900.000	12.166	17.694	27.731	5814.389	6757.372	3.737	4595.014
171.987	1.002	14.786						
11/4/2016 9:20:00 AM	127200.000	12.166	17.693	27.731	5809.833	6752.143	3.734	4591.458
172.122	1.002	14.785						
11/4/2016 9:25:00 AM	127500.000	12.164	17.693	27.725	5805.410	6747.016	3.731	4587.971
172.253	1.002	14.784						
11/4/2016 9:30:00 AM	127800.000	12.166	17.694	27.729	5801.205	6742.063	3.728	4584.604
172.378	1.002	14.783						
11/4/2016 9:35:00 AM	128100.000	12.172	17.694	27.743	5795.572	6735.518	3.724	4580.152
172.546	1.002	14.781						
11/4/2016 9:40:00 AM	128400.000	12.175	17.694	27.751	5792.095	6731.449	3.722	4577.385
172.649	1.002	14.778						
11/4/2016 9:45:00 AM	128700.000	12.174	17.694	27.748	5788.355	6727.116	3.719	4574.439
172.761	1.001	14.775						
11/4/2016 9:50:00 AM	129000.000	12.171	17.694	27.742	5783.808	6721.845	3.716	4570.855
172.896	1.001	14.777						
11/4/2016 9:55:00 AM	129300.000	12.171	17.693	27.742	5779.754	6717.171	3.713	4567.677
173.018	1.001	14.778						
11/4/2016 10:00:00 AM	129600.000	12.172	17.694	27.744	5776.714	6713.547	3.711	4565.213
173.109	1.001	14.780						
11/4/2016 10:05:00 AM	129900.000	12.168	17.694	27.735	5772.880	6709.156	3.709	4562.226
173.224	1.001	14.781						
11/4/2016 10:10:00 AM	130200.000	12.171	17.693	27.743	5769.557	6705.360	3.706	4559.645
173.324	1.001	14.782						
11/4/2016 10:15:00 AM	130500.000	12.172	17.694	27.744	5766.690	6701.951	3.704	4557.327
173.410	1.001	14.782						
11/4/2016 10:20:00 AM	130800.000	12.173	17.694	27.746	5763.417	6698.120	3.702	4554.721
173.508	1.001	14.782						
11/4/2016 10:25:00 AM	131100.000	12.176	17.694	27.752	5760.989	6695.312	3.700	4552.812
173.581	1.001	14.782						
11/4/2016 10:30:00 AM	131400.000	12.177	17.694	27.754	5759.221	6693.282	3.699	4551.432
173.635	1.001	14.782						
11/4/2016 10:35:00 AM	131700.000	12.174	17.694	27.749	5755.931	6689.433	3.697	4548.815
173.734	1.001	14.784						
11/4/2016 10:40:00 AM	132000.000	12.172	17.694	27.745	5753.256	6686.364	3.695	4546.728
173.815	1.001	14.786						
11/4/2016 10:45:00 AM	132300.000	12.169	17.694	27.736	5750.239	6682.818	3.693	4544.317
173.906	1.001	14.787						
11/4/2016 10:50:00 AM	132600.000	12.171	17.693	27.742	5746.692	6678.747	3.691	4541.548
174.013	1.001	14.787						
11/4/2016 10:55:00 AM	132900.000	12.172	17.694	27.744	5744.438	6676.090	3.689	4539.742
174.081	1.001	14.786						
11/4/2016 11:00:00 AM	133200.000	12.172	17.693	27.743	5742.163	6673.498	3.688	4537.979
174.150	1.001	14.785						
11/4/2016 11:05:00 AM	133500.000	12.170	17.694	27.739	5739.375	6670.168	3.686	4535.715
174.235	1.001	14.786						
11/4/2016 11:10:00 AM	133800.000	12.170	17.694	27.739	5737.165	6667.637	3.684	4533.993
174.302	1.001	14.786						
11/4/2016 11:15:00 AM	134100.000	12.164	17.694	27.726	5735.285	6665.464	3.683	4532.516
174.359	1.001	14.786						
11/4/2016 11:20:00 AM	134400.000	12.170	17.693	27.739	5733.568	6663.534	3.682	4531.203
174.411	1.001	14.786						
11/4/2016 11:25:00 AM	134700.000	12.166	17.694	27.730	5731.302	6660.823	3.680	4529.360
174.480	1.001	14.786						
11/4/2016 11:30:00 AM	135000.000	12.172	17.693	27.744	5730.179	6659.595	3.679	4528.524
174.515	1.001	14.785						
11/4/2016 11:35:00 AM	135300.000	12.167	17.694	27.732	5728.026	6657.042	3.678	4526.788
174.580	1.001	14.785						
11/4/2016 11:40:00 AM	135600.000	12.170	17.693	27.739	5726.517	6655.353	3.677	4525.640
174.626	1.001	14.785						
11/4/2016 11:45:00 AM	135900.000	12.168	17.693	27.735	5724.012	6652.389	3.675	4523.625
174.703	1.001	14.785						
11/4/2016 11:50:00 AM	136200.000	12.169	17.694	27.737	5722.966	6651.161	3.674	4522.790
174.735	1.001	14.787						
11/4/2016 11:55:00 AM	136500.000	12.162	17.694	27.720	5721.381	6649.305	3.673	4521.528
174.783	1.001	14.789						
11/4/2016 12:00:00 PM	136800.000	12.166	17.693	27.730	5720.142	6647.969	3.672	4520.619
174.821	1.001	14.790						
11/4/2016 12:05:00 PM	137100.000	12.165	17.694	27.728	5718.079	6645.480	3.671	4518.927
174.884	1.001	14.789						
11/4/2016 12:10:00 PM	137400.000	12.163	17.694	27.723	5715.875	6642.905	3.669	4517.176
174.951	1.001	14.787						
11/4/2016 12:15:00 PM	137700.000	12.166	17.693	27.730	5714.809	6641.720	3.669	4516.370
174.984	1.001	14.785						
11/4/2016 12:20:00 PM	138000.000	12.168	17.693	27.735	5713.558	6640.239	3.668	4515.363
175.022	1.001	14.784						
11/4/2016 12:25:00 PM	138300.000	12.167	17.693	27.731	5711.358	6637.682	3.666	4513.624
175.090	1.001	14.783						
11/4/2016 12:30:00 PM	138600.000	12.163	17.693	27.724	5710.588	6636.802	3.666	4513.026
175.113	1.001	14.782						
11/4/2016 12:35:00 PM	138900.000	12.167	17.693	27.732	5709.501	6635.551	3.665	4512.175
175.147	1.001	14.781						
11/4/2016 12:40:00 PM	139200.000	12.168	17.693	27.734	5708.598	6634.474	3.665	4511.443
175.174	1.001	14.780						
11/4/2016 12:45:00 PM	139500.000	12.164	17.694	27.725	5707.452	6633.079	3.664	4510.494
175.210	1.001	14.779						
11/4/2016 12:50:00 PM	139800.000	12.170	17.694	27.740	5706.500	6631.961	3.663	4509.734
175.239	1.001	14.777						
11/4/2016 12:55:00 PM	140100.000	12.171	17.693	27.742	5705.726	6631.151	3.663	4509.184
175.263	1.001	14.775						
11/4/2016 1:00:00 PM	140400.000	12.172	17.694	27.743	5705.530	6630.845	3.662	4508.975
175.269	1.001	14.773						
11/4/2016 1:05:00 PM	140700.000	12.169	17.693	27.737	5703.527	6628.595	3.661	4507.445
175.330	1.001	14.774						
11/4/2016 1:10:00 PM	141000.000	12.166	17.694	27.731	5703.780	6628.825	3.661	4507.601
175.322	1.001	14.775						
11/4/2016 1:15:00 PM	141300.000	12.165	17.693	27.727	5701.729	6626.491	3.660	4506.014
175.385	1.001	14.775						
11/4/2016 1:20:00 PM	141600.000	12.164	17.693	27.726	5701.727	6626.503	3.660	4506.022
175.385	1.001	14.776						
11/4/2016 1:25:00 PM	141900.000	12.162	17.693	27.722	5701.687	6626.470	3.660	4506.000
175.387	1.001	14.778						
11/4/2016 1:30:00 PM	142200.000	12.162	17.693	27.721	5700.833	6625.450	3.659	4505.306
175.413	1.001	14.779						
11/4/2016 1:35:00 PM	142500.000	12.164	17.694	27.725	5701.196	6625.846	3.659	4505.576
175.402	1.001	14.777						
11/4/2016 1:40:00 PM	142800.000	12.166	17.693	27.731	5700.012	6624.536	3.659	4504.685
175.438	1.001	14.776						
11/4/2016 1:45:00 PM	143100.000	12.163	17.694	27.722	5700.525	6625.080	3.659	4505.055
175.422	1.001	14.775						
11/4/2016 1:50:00 PM	143400.000	12.161	17.693	27.719	5699.243	6623.693	3.658	4504.112
175.462	1.001	14.776						
11/4/2016 1:55:00 PM	143700.000	12.161	17.694	27.719	5698.761	6623.030	3.658	4503.660
175.477	1.001	14.777						
11/4/2016 2:00:00 PM	144000.000	12.164	17.693	27.725	5699.029	6623.444	3.658	4503.942
175.468	1.001	14.778						
11/4/2016 2:05:00 PM	144300.000	12.158	17.693	27.712	5699.054	6623.459	3.658	4503.953
175.468	1.001	14.778						
11/4/2016 2:10:00 PM	144600.000	12.164	17.693	27.725	5699.308	6623.755	3.658	4504.154

175.460	1.001	14.778						
11/4/2016 2:15:00 PM	144900.000	12.162	17.693	27.722	5699.138	6623.480	3.658	4503.966
175.465	1.001	14.778						
11/4/2016 2:20:00 PM	145200.000	12.162	17.693	27.722	5698.333	6622.598	3.658	4503.367
175.490	1.001	14.778						
11/4/2016 2:25:00 PM	145500.000	12.163	17.693	27.722	5698.161	6622.422	3.657	4503.247
175.495	1.001	14.778						
11/4/2016 2:30:00 PM	145800.000	12.160	17.693	27.716	5698.643	6622.905	3.658	4503.575
175.480	1.001	14.778						
11/4/2016 2:35:00 PM	146100.000	12.160	17.693	27.717	5697.959	6622.150	3.657	4503.062
175.501	1.001	14.777						
11/4/2016 2:40:00 PM	146400.000	12.162	17.694	27.722	5696.914	6620.831	3.656	4502.166
175.534	1.001	14.776						
11/4/2016 2:45:00 PM	146700.000	12.163	17.694	27.724	5697.073	6621.043	3.657	4502.309
175.529	1.001	14.774						
11/4/2016 2:50:00 PM	147000.000	12.161	17.694	27.718	5696.780	6620.728	3.656	4502.095
175.538	1.001	14.776						
11/4/2016 2:55:00 PM	147300.000	12.158	17.693	27.711	5697.042	6621.045	3.657	4502.311
175.530	1.001	14.777						
11/4/2016 3:00:00 PM	147600.000	12.162	17.694	27.720	5697.803	6621.916	3.657	4502.903
175.506	1.001	14.778						
11/4/2016 3:05:00 PM	147900.000	12.161	17.693	27.719	5697.073	6621.107	3.657	4502.353
175.529	1.001	14.778						
11/4/2016 3:10:00 PM	148200.000	12.155	17.693	27.706	5697.612	6621.721	3.657	4502.771
175.512	1.001	14.777						
11/4/2016 3:15:00 PM	148500.000	12.159	17.693	27.715	5696.155	6620.066	3.656	4501.645
175.557	1.001	14.776						
11/4/2016 3:20:00 PM	148800.000	12.155	17.693	27.704	5697.175	6621.238	3.657	4502.442
175.526	1.001	14.777						
11/4/2016 3:25:00 PM	149100.000	12.158	17.694	27.712	5697.000	6620.959	3.657	4502.252
175.531	1.001	14.778						
11/4/2016 3:30:00 PM	149400.000	12.155	17.694	27.705	5697.615	6621.673	3.657	4502.738
175.512	1.001	14.778						
11/4/2016 3:35:00 PM	149700.000	12.158	17.694	27.713	5697.177	6621.126	3.657	4502.366
175.526	1.001	14.777						
11/4/2016 3:40:00 PM	150000.000	12.157	17.694	27.710	5696.958	6620.934	3.657	4502.235
175.532	1.001	14.776						
11/4/2016 3:45:00 PM	150300.000	12.159	17.693	27.715	5697.887	6622.026	3.657	4502.979
175.504	1.001	14.775						
11/4/2016 3:50:00 PM	150600.000	12.161	17.693	27.718	5696.792	6620.780	3.656	4502.130
175.537	1.001	14.776						
11/4/2016 3:55:00 PM	150900.000	12.158	17.694	27.712	5696.521	6620.402	3.656	4501.874
175.546	1.001	14.776						
11/4/2016 4:00:00 PM	151200.000	12.157	17.693	27.710	5697.183	6621.285	3.657	4502.474
175.525	1.001	14.777						
11/4/2016 4:05:00 PM	151500.000	12.155	17.694	27.706	5695.787	6619.560	3.656	4501.301
175.568	1.001	14.778						
11/4/2016 4:10:00 PM	151800.000	12.157	17.693	27.710	5696.430	6620.360	3.656	4501.845
175.549	1.001	14.779						
11/4/2016 4:15:00 PM	152100.000	12.156	17.693	27.707	5696.954	6621.006	3.657	4502.285
175.532	1.001	14.780						
11/4/2016 4:20:00 PM	152400.000	12.155	17.693	27.705	5696.325	6620.211	3.656	4501.744
175.552	1.001	14.780						
11/4/2016 4:25:00 PM	152700.000	12.150	17.693	27.694	5696.306	6620.242	3.656	4501.765
175.552	1.001	14.779						
11/4/2016 4:30:00 PM	153000.000	12.156	17.693	27.707	5696.900	6620.944	3.657	4502.243
175.534	1.001	14.779						
11/4/2016 4:35:00 PM	153300.000	12.151	17.694	27.697	5697.567	6621.617	3.657	4502.700
175.514	1.001	14.778						
11/4/2016 4:40:00 PM	153600.000	12.152	17.694	27.699	5696.141	6619.947	3.656	4501.564
175.557	1.001	14.777						
11/4/2016 4:45:00 PM	153900.000	12.157	17.693	27.710	5697.894	6622.034	3.657	4502.983
175.503	1.001	14.776						
11/4/2016 4:50:00 PM	154200.000	12.152	17.693	27.699	5697.483	6621.571	3.657	4502.669
175.516	1.001	14.776						
11/4/2016 4:55:00 PM	154500.000	12.155	17.693	27.705	5696.999	6621.047	3.657	4502.312
175.531	1.001	14.777						
11/4/2016 5:00:00 PM	154800.000	12.155	17.693	27.705	5697.288	6621.357	3.657	4502.523
175.522	1.001	14.778						
11/4/2016 5:05:00 PM	155100.000	12.153	17.693	27.700	5696.856	6620.867	3.656	4502.190
175.535	1.001	14.779						
11/4/2016 5:10:00 PM	155400.000	12.151	17.693	27.695	5697.090	6621.140	3.657	4502.375
175.528	1.001	14.779						
11/4/2016 5:15:00 PM	155700.000	12.152	17.694	27.699	5697.321	6621.342	3.657	4502.513
175.521	1.001	14.780						
11/4/2016 5:20:00 PM	156000.000	12.147	17.693	27.686	5697.231	6621.355	3.657	4502.521
175.524	1.001	14.780						
11/4/2016 5:25:00 PM	156300.000	12.148	17.694	27.690	5698.372	6622.539	3.657	4503.326
175.489	1.001	14.780						
11/4/2016 5:30:00 PM	156600.000	12.151	17.694	27.697	5697.931	6622.026	3.657	4502.979
175.502	1.001	14.780						
11/4/2016 5:35:00 PM	156900.000	12.150	17.694	27.694	5698.893	6623.131	3.658	4503.730
175.473	1.001	14.778						
11/4/2016 5:40:00 PM	157200.000	12.156	17.693	27.707	5698.585	6622.891	3.658	4503.566
175.482	1.001	14.776						
11/4/2016 5:45:00 PM	157500.000	12.157	17.693	27.710	5699.778	6624.328	3.659	4504.543
175.445	1.001	14.774						
11/4/2016 5:50:00 PM	157800.000	12.153	17.693	27.700	5698.880	6623.219	3.658	4503.790
175.473	1.001	14.775						
11/4/2016 5:55:00 PM	158100.000	12.152	17.694	27.698	5699.268	6623.556	3.658	4504.018
175.461	1.001	14.776						
11/4/2016 6:00:00 PM	158400.000	12.147	17.693	27.687	5699.458	6623.892	3.658	4504.247
175.455	1.001	14.777						
11/4/2016 6:05:00 PM	158700.000	12.153	17.693	27.700	5699.520	6624.001	3.658	4504.321
175.453	1.001	14.776						
11/4/2016 6:10:00 PM	159000.000	12.153	17.694	27.700	5699.349	6623.662	3.658	4504.090
175.459	1.001	14.775						
11/4/2016 6:15:00 PM	159300.000	12.149	17.693	27.691	5699.969	6624.446	3.659	4504.624
175.440	1.001	14.774						
11/4/2016 6:20:00 PM	159600.000	12.148	17.693	27.689	5700.354	6624.932	3.659	4504.954
175.428	1.001	14.774						
11/4/2016 6:25:00 PM	159900.000	12.153	17.693	27.700	5700.385	6624.930	3.659	4504.953
175.427	1.001	14.775						
11/4/2016 6:30:00 PM	160200.000	12.153	17.693	27.700	5699.978	6624.573	3.659	4504.710
175.439	1.001	14.775						
11/4/2016 6:35:00 PM	160500.000	12.151	17.693	27.696	5701.522	6626.265	3.660	4505.860
175.392	1.001	14.776						
11/4/2016 6:40:00 PM	160800.000	12.150	17.693	27.694	5701.346	6626.046	3.660	4505.711
175.397	1.001	14.777						
11/4/2016 6:45:00 PM	161100.000	12.149	17.693	27.692	5702.457	6627.391	3.660	4506.625
175.363	1.001	14.778						
11/4/2016 6:50:00 PM	161400.000	12.150	17.693	27.693	5703.064	6628.070	3.661	4507.088
175.344	1.001	14.777						
11/4/2016 6:55:00 PM	161700.000	12.151	17.693	27.695	5702.139	6627.007	3.660	4506.365
175.373	1.001	14.776						
11/4/2016 7:00:00 PM	162000.000	12.152	17.693	27.699	5703.731	6628.833	3.661	4507.606
175.324	1.001	14.775						
11/4/2016 7:05:00 PM	162300.000	12.151	17.693	27.696	5704.515	6629.729	3.662	4508.216
175.300	1.001	14.775						
11/4/2016 7:10:00 PM	162600.000	12.151	17.693	27.695	5704.883	6630.262	3.662	4508.578
175.288	1.001	14.776						
11/4/2016 7:15:00 PM	162900.000	12.150	17.694	27.693	5704.988	6630.242	3.662	4508.564
175.285	1.001	14.776						
11/4/2016 7:20:00 PM	163200.000	12.145	17.693	27.681	5706.283	6631.799	3.663	4509.623
175.245	1.001	14.777						
11/4/2016 7:25:00 PM	163500.000	12.143	17.693	27.677	5707.111	6632.786	3.664	4510.294
175.220	1.001	14.778						
11/4/2016 7:30:00 PM	163800.000	12.146	17.693	27.686	5707.076	6632.810	3.664	4510.311
175.221	1.001	14.778						
11/4/2016 7:35:00 PM	164100.000	12.144	17.693	27.679	5707.932	6633.753	3.664	4510.953
175.195	1.001	14.777						
11/4/2016 7:40:00 PM	164400.000	12.145	17.693	27.683	5708.365	6634.269	3.664	4511.303
175.182	1.001	14.777						

11/4/2016 7:45:00 PM	164700.000	12.149	17.693	27.691	5708.374	6634.229	3.664	4511.276
175.181	1.001	14.776						
11/4/2016 7:50:00 PM	165000.000	12.143	17.694	27.677	5708.322	6634.117	3.664	4511.200
175.183	1.001	14.778						
11/4/2016 7:55:00 PM	165300.000	12.146	17.693	27.684	5709.534	6635.563	3.665	4512.183
175.146	1.001	14.779						
11/4/2016 8:00:00 PM	165600.000	12.145	17.693	27.682	5709.820	6635.973	3.665	4512.461
175.137	1.001	14.781						
11/4/2016 8:05:00 PM	165900.000	12.146	17.694	27.684	5708.648	6634.496	3.665	4511.458
175.173	1.001	14.779						
11/4/2016 8:10:00 PM	166200.000	12.148	17.693	27.689	5709.668	6635.771	3.665	4512.324
175.142	1.001	14.776						
11/4/2016 8:15:00 PM	166500.000	12.152	17.693	27.697	5709.318	6635.389	3.665	4512.064
175.152	1.001	14.773						
11/4/2016 8:20:00 PM	166800.000	12.150	17.693	27.694	5709.727	6635.864	3.665	4512.387
175.140	1.001	14.774						
11/4/2016 8:25:00 PM	167100.000	12.149	17.693	27.691	5709.340	6635.364	3.665	4512.048
175.152	1.001	14.775						
11/4/2016 8:30:00 PM	167400.000	12.149	17.693	27.691	5709.583	6635.711	3.665	4512.284
175.144	1.001	14.776						
11/4/2016 8:35:00 PM	167700.000	12.145	17.693	27.682	5709.209	6635.199	3.665	4511.936
175.156	1.001	14.778						
11/4/2016 8:40:00 PM	168000.000	12.142	17.693	27.676	5709.317	6635.350	3.665	4512.038
175.152	1.001	14.780						
11/4/2016 8:45:00 PM	168300.000	12.146	17.693	27.686	5708.965	6634.901	3.665	4511.732
175.163	1.001	14.782						
11/4/2016 8:50:00 PM	168600.000	12.146	17.693	27.684	5708.802	6634.726	3.665	4511.613
175.168	1.001	14.781						
11/4/2016 8:55:00 PM	168900.000	12.141	17.693	27.674	5708.602	6634.532	3.665	4511.482
175.174	1.001	14.781						
11/4/2016 9:00:00 PM	169200.000	12.147	17.693	27.687	5709.652	6635.739	3.665	4512.302
175.142	1.001	14.781						
11/4/2016 9:05:00 PM	169500.000	12.144	17.694	27.679	5708.991	6634.881	3.665	4511.719
175.162	1.001	14.780						
11/4/2016 9:10:00 PM	169800.000	12.144	17.693	27.679	5708.507	6634.383	3.664	4511.381
175.177	1.001	14.780						
11/4/2016 9:15:00 PM	170100.000	12.149	17.693	27.691	5708.760	6634.663	3.665	4511.571
175.169	1.001	14.780						
11/4/2016 9:20:00 PM	170400.000	12.145	17.693	27.683	5708.566	6634.465	3.665	4511.437
175.175	1.001	14.782						
11/4/2016 9:25:00 PM	170700.000	12.144	17.694	27.680	5707.858	6633.602	3.664	4510.850
175.197	1.001	14.784						
11/4/2016 9:30:00 PM	171000.000	12.143	17.693	27.678	5708.502	6634.455	3.665	4511.429
175.177	1.001	14.786						
11/4/2016 9:35:00 PM	171300.000	12.142	17.693	27.676	5708.058	6633.847	3.664	4511.016
175.191	1.001	14.785						
11/4/2016 9:40:00 PM	171600.000	12.147	17.694	27.687	5708.112	6633.897	3.664	4511.051
175.189	1.001	14.784						
11/4/2016 9:45:00 PM	171900.000	12.141	17.693	27.674	5707.972	6633.824	3.664	4511.000
175.194	1.001	14.782						
11/4/2016 9:50:00 PM	172200.000	12.146	17.693	27.684	5707.707	6633.543	3.664	4510.810
175.202	1.001	14.783						
11/4/2016 9:55:00 PM	172500.000	12.145	17.693	27.683	5706.788	6632.398	3.663	4510.031
175.230	1.001	14.783						
11/4/2016 10:00:00 PM	172800.000	12.140	17.693	27.671	5707.240	6632.936	3.664	4510.396
175.216	1.001	14.784						
11/4/2016 10:05:00 PM	173100.000	12.148	17.693	27.689	5707.530	6633.287	3.664	4510.635
175.207	1.001	14.783						
11/4/2016 10:10:00 PM	173400.000	12.147	17.693	27.688	5708.530	6634.396	3.664	4511.389
175.176	1.001	14.781						
11/4/2016 10:15:00 PM	173700.000	12.154	17.693	27.703	5715.544	6642.574	3.669	4516.951
174.961	1.001	14.780						
11/4/2016 10:20:00 PM	174000.000	12.152	17.693	27.697	5731.366	6660.988	3.680	4529.472
174.478	1.001	14.782						
11/4/2016 10:25:00 PM	174300.000	12.151	17.693	27.696	5752.087	6685.057	3.694	4545.839
173.850	1.001	14.784						
11/4/2016 10:30:00 PM	174600.000	12.145	17.693	27.681	5769.427	6705.275	3.706	4559.587
173.327	1.001	14.787						
11/4/2016 10:35:00 PM	174900.000	12.146	17.693	27.684	5782.707	6720.657	3.715	4570.047
172.929	1.001	14.789						
11/4/2016 10:40:00 PM	175200.000	12.145	17.693	27.682	5796.533	6736.726	3.725	4580.974
172.517	1.002	14.790						
11/4/2016 10:45:00 PM	175500.000	12.142	17.693	27.676	5808.870	6751.064	3.733	4590.724
172.151	1.002	14.792						
11/4/2016 10:50:00 PM	175800.000	12.146	17.693	27.684	5818.926	6762.711	3.740	4598.644
171.853	1.002	14.792						
11/4/2016 10:55:00 PM	176100.000	12.139	17.692	27.669	5829.052	6774.612	3.747	4606.737
171.554	1.002	14.792						
11/4/2016 11:00:00 PM	176400.000	12.142	17.693	27.675	5838.936	6786.018	3.754	4614.492
171.264	1.002	14.792						
11/4/2016 11:05:00 PM	176700.000	12.145	17.693	27.682	5847.343	6795.790	3.760	4621.137
171.018	1.002	14.793						
11/4/2016 11:10:00 PM	177000.000	12.139	17.693	27.669	5856.593	6806.566	3.766	4628.465
170.748	1.002	14.794						
11/4/2016 11:15:00 PM	177300.000	12.145	17.692	27.682	5863.327	6814.447	3.771	4633.824
170.552	1.002	14.795						
11/4/2016 11:20:00 PM	177600.000	12.147	17.692	27.686	5871.479	6823.921	3.776	4640.267
170.315	1.002	14.793						
11/4/2016 11:25:00 PM	177900.000	12.144	17.693	27.680	5878.447	6831.979	3.781	4645.746
170.113	1.002	14.792						
11/4/2016 11:30:00 PM	178200.000	12.150	17.693	27.693	5885.186	6839.836	3.786	4651.089
169.918	1.002	14.791						
11/4/2016 11:35:00 PM	178500.000	12.150	17.693	27.693	5891.148	6846.727	3.790	4655.774
169.746	1.002	14.792						
11/4/2016 11:40:00 PM	178800.000	12.144	17.693	27.681	5898.108	6854.762	3.795	4661.239
169.546	1.002	14.793						
11/4/2016 11:45:00 PM	179100.000	12.148	17.693	27.689	5903.711	6861.301	3.799	4665.685
169.385	1.002	14.794						
11/4/2016 11:50:00 PM	179400.000	12.144	17.693	27.681	5908.939	6867.376	3.802	4669.816
169.235	1.002	14.794						
11/4/2016 11:55:00 PM	179700.000	12.149	17.693	27.691	5914.125	6873.430	3.806	4673.933
169.087	1.002	14.795						
11/5/2016 12:00:00 AM	180000.000	12.145	17.693	27.682	5919.857	6880.053	3.810	4678.437
168.923	1.002	14.795						
11/5/2016 12:05:00 AM	180300.000	12.150	17.693	27.693	5924.069	6884.948	3.813	4681.765
168.803	1.002	14.795						
11/5/2016 12:10:00 AM	180600.000	12.147	17.693	27.688	5928.681	6890.348	3.816	4685.437
168.672	1.002	14.795						
11/5/2016 12:15:00 AM	180900.000	12.149	17.693	27.691	5932.456	6894.749	3.818	4688.429
168.564	1.002	14.795						
11/5/2016 12:20:00 AM	181200.000	12.148	17.692	27.689	5936.366	6899.345	3.821	4691.555
168.453	1.002	14.795						
11/5/2016 12:25:00 AM	181500.000	12.146	17.693	27.684	5939.450	6902.835	3.823	4693.928
168.366	1.002	14.796						
11/5/2016 12:30:00 AM	181800.000	12.146	17.693	27.684	5943.301	6907.325	3.826	4696.981
168.257	1.002	14.796						
11/5/2016 12:35:00 AM	182100.000	12.147	17.692	27.687	5947.642	6912.439	3.829	4700.459
168.134	1.002	14.795						
11/5/2016 12:40:00 AM	182400.000	12.147	17.694	27.687	5951.405	6916.610	3.831	4703.295
168.028	1.002	14.794						
11/5/2016 12:45:00 AM	182700.000	12.144	17.692	27.680	5953.966	6919.789	3.833	4705.456
167.955	1.002	14.793						
11/5/2016 12:50:00 AM	183000.000	12.148	17.693	27.688	5957.045	6923.353	3.835	4707.880
167.868	1.002	14.789						
11/5/2016 12:55:00 AM	183300.000	12.153	17.693	27.701	5960.919	6927.829	3.838	4710.924
167.759	1.002	14.785						
11/5/2016 1:00:00 AM	183600.000	12.162	17.693	27.721	5963.826	6931.193	3.840	4713.211
167.678	1.002	14.781						
11/5/2016 1:05:00 AM	183900.000	12.156	17.693	27.707	5967.062	6934.886	3.842	4715.723
167.587	1.002	14.782						
11/5/2016 1:10:00 AM	184200.000	12.159	17.693	27.714	5970.291	6938.747	3.844	4718.348
167.496	1.002	14.783						
11/5/2016 1:15:00 AM	184500.000	12.157	17.692	27.710	5972.599	6941.445	3.846	4720.183

167.431	1.002	14.784						
11/5/2016 1:20:00 AM	184800.000	12.150	17.693	27.694	5976.124	6945.472	3.848	4722.921
167.333	1.002	14.787						
11/5/2016 1:25:00 AM	185100.000	12.151	17.693	27.695	5977.594	6947.180	3.849	4724.083
167.291	1.002	14.790						
11/5/2016 1:30:00 AM	185400.000	12.149	17.693	27.692	5980.021	6949.988	3.851	4725.992
167.223	1.002	14.793						
11/5/2016 1:35:00 AM	185700.000	12.151	17.692	27.695	5982.568	6953.042	3.853	4728.069
167.152	1.002	14.791						
11/5/2016 1:40:00 AM	186000.000	12.154	17.693	27.703	5984.766	6955.557	3.854	4729.779
167.091	1.002	14.789						
11/5/2016 1:45:00 AM	186300.000	12.155	17.693	27.704	5987.352	6958.535	3.856	4731.804
167.019	1.002	14.788						
11/5/2016 1:50:00 AM	186600.000	12.155	17.693	27.706	5989.208	6960.732	3.857	4733.298
166.967	1.002	14.787						
11/5/2016 1:55:00 AM	186900.000	12.156	17.693	27.708	5991.036	6962.831	3.859	4734.726
166.916	1.002	14.786						
11/5/2016 2:00:00 AM	187200.000	12.159	17.693	27.713	5992.872	6964.977	3.860	4736.185
166.865	1.002	14.785						
11/5/2016 2:05:00 AM	187500.000	12.158	17.693	27.713	5994.115	6966.409	3.861	4737.158
166.830	1.002	14.785						
11/5/2016 2:10:00 AM	187800.000	12.156	17.693	27.707	5996.646	6969.337	3.862	4739.149
166.760	1.002	14.786						
11/5/2016 2:15:00 AM	188100.000	12.151	17.693	27.697	5997.402	6970.229	3.863	4739.756
166.739	1.002	14.786						
11/5/2016 2:20:00 AM	188400.000	12.157	17.693	27.709	5999.123	6972.229	3.864	4741.117
166.691	1.002	14.784						
11/5/2016 2:25:00 AM	188700.000	12.152	17.693	27.698	6001.060	6974.426	3.865	4742.610
166.637	1.002	14.782						
11/5/2016 2:30:00 AM	189000.000	12.160	17.693	27.716	6002.232	6975.814	3.866	4743.554
166.605	1.002	14.781						
11/5/2016 2:35:00 AM	189300.000	12.156	17.693	27.706	6003.567	6977.285	3.867	4744.555
166.568	1.002	14.781						
11/5/2016 2:40:00 AM	189600.000	12.162	17.693	27.720	6005.082	6979.101	3.868	4745.789
166.526	1.002	14.782						
11/5/2016 2:45:00 AM	189900.000	12.156	17.693	27.707	6006.898	6981.279	3.870	4747.270
166.475	1.002	14.783						
11/5/2016 2:50:00 AM	190200.000	12.163	17.693	27.722	6008.279	6982.829	3.870	4748.324
166.437	1.002	14.782						
11/5/2016 2:55:00 AM	190500.000	12.164	17.693	27.725	6009.435	6984.160	3.871	4749.229
166.405	1.002	14.782						
11/5/2016 3:00:00 AM	190800.000	12.164	17.693	27.725	6010.837	6985.844	3.872	4750.375
166.366	1.002	14.781						
11/5/2016 3:05:00 AM	191100.000	12.163	17.693	27.722	6011.371	6986.436	3.873	4750.777
166.351	1.002	14.783						
11/5/2016 3:10:00 AM	191400.000	12.158	17.692	27.712	6012.662	6988.006	3.874	4751.844
166.316	1.002	14.784						
11/5/2016 3:15:00 AM	191700.000	12.161	17.693	27.718	6013.840	6989.292	3.874	4752.719
166.283	1.002	14.785						
11/5/2016 3:20:00 AM	192000.000	12.163	17.693	27.723	6015.133	6990.783	3.875	4753.733
166.247	1.002	14.785						
11/5/2016 3:25:00 AM	192300.000	12.165	17.693	27.728	6015.509	6991.220	3.875	4754.030
166.237	1.002	14.784						
11/5/2016 3:30:00 AM	192600.000	12.166	17.693	27.729	6017.259	6993.213	3.877	4755.385
166.189	1.002	14.783						
11/5/2016 3:35:00 AM	192900.000	12.163	17.693	27.723	6018.587	6994.796	3.878	4756.461
166.152	1.002	14.785						
11/5/2016 3:40:00 AM	193200.000	12.158	17.693	27.711	6019.845	6996.298	3.878	4757.483
166.117	1.002	14.787						
11/5/2016 3:45:00 AM	193500.000	12.160	17.693	27.717	6019.600	6995.986	3.878	4757.271
166.124	1.002	14.788						
11/5/2016 3:50:00 AM	193800.000	12.159	17.693	27.713	6020.969	6997.619	3.879	4758.381
166.086	1.002	14.789						
11/5/2016 3:55:00 AM	194100.000	12.156	17.693	27.707	6020.184	6996.693	3.879	4757.751
166.108	1.002	14.789						
11/5/2016 4:00:00 AM	194400.000	12.158	17.693	27.712	6021.588	6998.325	3.880	4758.861
166.069	1.002	14.789						
11/5/2016 4:05:00 AM	194700.000	12.156	17.693	27.708	6022.467	6999.319	3.880	4759.537
166.045	1.002	14.787						
11/5/2016 4:10:00 AM	195000.000	12.157	17.693	27.710	6022.622	6999.499	3.880	4759.659
166.041	1.002	14.786						
11/5/2016 4:15:00 AM	195300.000	12.157	17.693	27.711	6022.297	6999.094	3.880	4759.385
166.050	1.002	14.785						
11/5/2016 4:20:00 AM	195600.000	12.163	17.693	27.724	6023.556	7000.584	3.881	4760.398
166.015	1.002	14.782						
11/5/2016 4:25:00 AM	195900.000	12.164	17.693	27.725	6023.972	7001.123	3.881	4760.764
166.003	1.002	14.780						
11/5/2016 4:30:00 AM	196200.000	12.165	17.693	27.728	6024.349	7001.479	3.882	4761.005
165.993	1.002	14.778						
11/5/2016 4:35:00 AM	196500.000	12.165	17.693	27.727	6025.081	7002.343	3.882	4761.593
165.973	1.002	14.777						
11/5/2016 4:40:00 AM	196800.000	12.165	17.693	27.728	6025.846	7003.246	3.883	4762.207
165.952	1.002	14.775						
11/5/2016 4:45:00 AM	197100.000	12.169	17.693	27.738	6025.654	7003.036	3.882	4762.064
165.957	1.002	14.774						
11/5/2016 4:50:00 AM	197400.000	12.164	17.693	27.725	6026.232	7003.682	3.883	4762.504
165.941	1.002	14.774						
11/5/2016 4:55:00 AM	197700.000	12.164	17.692	27.726	6026.058	7003.586	3.883	4762.439
165.946	1.002	14.774						
11/5/2016 5:00:00 AM	198000.000	12.166	17.693	27.730	6025.877	7003.294	3.883	4762.240
165.951	1.002	14.773						
11/5/2016 5:05:00 AM	198300.000	12.170	17.693	27.739	6026.509	7004.029	3.883	4762.740
165.934	1.002	14.772						
11/5/2016 5:10:00 AM	198600.000	12.170	17.693	27.739	6026.373	7003.912	3.883	4762.661
165.937	1.002	14.770						
11/5/2016 5:15:00 AM	198900.000	12.171	17.693	27.742	6027.552	7005.256	3.884	4763.575
165.905	1.002	14.769						
11/5/2016 5:20:00 AM	199200.000	12.171	17.693	27.741	6027.079	7004.638	3.883	4763.154
165.918	1.002	14.769						
11/5/2016 5:25:00 AM	199500.000	12.170	17.693	27.738	6027.434	7005.050	3.884	4763.435
165.908	1.002	14.770						
11/5/2016 5:30:00 AM	199800.000	12.171	17.693	27.741	6028.517	7006.391	3.884	4764.347
165.878	1.002	14.770						
11/5/2016 5:35:00 AM	200100.000	12.170	17.693	27.740	6027.821	7005.583	3.884	4763.797
165.897	1.002	14.770						
11/5/2016 5:40:00 AM	200400.000	12.170	17.693	27.740	6028.305	7006.131	3.884	4764.170
165.884	1.002	14.769						
11/5/2016 5:45:00 AM	200700.000	12.170	17.693	27.740	6028.566	7006.379	3.884	4764.338
165.877	1.002	14.769						
11/5/2016 5:50:00 AM	201000.000	12.172	17.693	27.744	6028.512	7006.290	3.884	4764.277
165.878	1.002	14.768						
11/5/2016 5:55:00 AM	201300.000	12.173	17.693	27.747	6029.409	7007.333	3.885	4764.986
165.854	1.002	14.768						
11/5/2016 6:00:00 AM	201600.000	12.171	17.693	27.741	6029.010	7006.978	3.885	4764.745
165.865	1.002	14.767						
11/5/2016 6:05:00 AM	201900.000	12.174	17.693	27.749	6029.520	7007.528	3.885	4765.120
165.851	1.002	14.768						
11/5/2016 6:10:00 AM	202200.000	12.174	17.693	27.749	6029.815	7007.914	3.885	4765.381
165.843	1.002	14.769						
11/5/2016 6:15:00 AM	202500.000	12.173	17.692	27.746	6029.882	7008.020	3.885	4765.454
165.841	1.002	14.771						
11/5/2016 6:20:00 AM	202800.000	12.172	17.693	27.745	6030.123	7008.271	3.886	4765.624
165.834	1.002	14.771						
11/5/2016 6:25:00 AM	203100.000	12.172	17.693	27.744	6030.787	7009.016	3.886	4766.131
165.816	1.002	14.772						
11/5/2016 6:30:00 AM	203400.000	12.172	17.693	27.745	6030.511	7008.680	3.886	4765.902
165.823	1.002	14.773						
11/5/2016 6:35:00 AM	203700.000	12.169	17.692	27.738	6030.987	7009.316	3.886	4766.335
165.810	1.002	14.772						
11/5/2016 6:40:00 AM	204000.000	12.175	17.693	27.750	6030.035	7008.182	3.885	4765.563
165.837	1.002	14.772						
11/5/2016 6:45:00 AM	204300.000	12.175	17.693	27.750	6030.328	7008.496	3.886	4765.777
165.828	1.002	14.772						

11/5/2016 6:50:00 AM	204600.000	12.170	17.693	27.739	6030.250	7008.295	3.886	4765.641
165.831	1.002	14.772						
11/5/2016 6:55:00 AM	204900.000	12.169	17.693	27.737	6030.297	7008.432	3.886	4765.734
165.829	1.002	14.771						
11/5/2016 7:00:00 AM	205200.000	12.176	17.694	27.753	6031.158	7009.337	3.886	4766.350
165.806	1.002	14.771						
11/5/2016 7:05:00 AM	205500.000	12.175	17.693	27.751	6030.069	7008.167	3.885	4765.554
165.836	1.002	14.772						
11/5/2016 7:10:00 AM	205800.000	12.175	17.693	27.751	6029.822	7007.922	3.885	4765.387
165.842	1.002	14.773						
11/5/2016 7:15:00 AM	206100.000	12.169	17.693	27.738	6030.675	7008.831	3.886	4766.005
165.819	1.002	14.774						
11/5/2016 7:20:00 AM	206400.000	12.171	17.693	27.743	6031.248	7009.565	3.886	4766.505
165.803	1.002	14.774						
11/5/2016 7:25:00 AM	206700.000	12.174	17.692	27.749	6031.047	7009.374	3.886	4766.375
165.809	1.002	14.774						
11/5/2016 7:30:00 AM	207000.000	12.175	17.693	27.751	6030.808	7009.054	3.886	4766.157
165.815	1.002	14.774						
11/5/2016 7:35:00 AM	207300.000	12.175	17.693	27.750	6029.487	7007.409	3.885	4765.039
165.852	1.002	14.773						
11/5/2016 7:40:00 AM	207600.000	12.176	17.693	27.752	6030.108	7008.267	3.886	4765.622
165.835	1.002	14.772						
11/5/2016 7:45:00 AM	207900.000	12.175	17.693	27.751	6029.357	7007.381	3.885	4765.020
165.855	1.002	14.770						
11/5/2016 7:50:00 AM	208200.000	12.171	17.693	27.742	6029.292	7007.238	3.885	4764.922
165.857	1.002	14.771						
11/5/2016 7:55:00 AM	208500.000	12.171	17.693	27.741	6028.750	7006.676	3.885	4764.540
165.872	1.002	14.772						
11/5/2016 8:00:00 AM	208800.000	12.177	17.693	27.754	6029.119	7006.981	3.885	4764.747
165.862	1.002	14.773						
11/5/2016 8:05:00 AM	209100.000	12.175	17.693	27.751	6028.934	7006.889	3.885	4764.685
165.867	1.002	14.774						
11/5/2016 8:10:00 AM	209400.000	12.173	17.693	27.745	6029.022	7006.950	3.885	4764.726
165.864	1.002	14.774						
11/5/2016 8:15:00 AM	209700.000	12.171	17.693	27.743	6028.815	7006.710	3.885	4764.563
165.870	1.002	14.775						
11/5/2016 8:20:00 AM	210000.000	12.172	17.693	27.745	6028.609	7006.499	3.884	4764.419
165.876	1.002	14.774						
11/5/2016 8:25:00 AM	210300.000	12.176	17.693	27.752	6028.464	7006.275	3.884	4764.268
165.880	1.002	14.772						
11/5/2016 8:30:00 AM	210600.000	12.179	17.693	27.759	6027.668	7005.391	3.884	4763.666
165.902	1.002	14.771						
11/5/2016 8:35:00 AM	210900.000	12.172	17.693	27.743	6028.619	7006.510	3.884	4764.428
165.875	1.002	14.772						
11/5/2016 8:40:00 AM	211200.000	12.172	17.693	27.745	6028.150	7005.965	3.884	4764.057
165.888	1.002	14.773						
11/5/2016 8:45:00 AM	211500.000	12.176	17.693	27.754	6027.685	7005.396	3.884	4763.669
165.901	1.002	14.774						
11/5/2016 8:50:00 AM	211800.000	12.180	17.693	27.761	6026.175	7003.601	3.883	4762.449
165.943	1.002	14.772						
11/5/2016 8:55:00 AM	212100.000	12.177	17.693	27.755	6026.887	7004.402	3.883	4762.994
165.923	1.002	14.771						
11/5/2016 9:00:00 AM	212400.000	12.177	17.693	27.756	6027.381	7005.043	3.884	4763.430
165.910	1.002	14.769						
11/5/2016 9:05:00 AM	212700.000	12.178	17.693	27.759	6026.169	7003.622	3.883	4762.463
165.943	1.002	14.768						
11/5/2016 9:10:00 AM	213000.000	12.184	17.693	27.770	6026.601	7004.136	3.883	4762.813
165.931	1.002	14.768						
11/5/2016 9:15:00 AM	213300.000	12.184	17.693	27.771	6025.358	7002.638	3.882	4761.794
165.965	1.002	14.767						
11/5/2016 9:20:00 AM	213600.000	12.184	17.693	27.772	6025.648	7003.029	3.882	4762.060
165.957	1.002	14.768						
11/5/2016 9:25:00 AM	213900.000	12.185	17.693	27.772	6026.036	7003.426	3.883	4762.330
165.947	1.002	14.768						
11/5/2016 9:30:00 AM	214200.000	12.185	17.692	27.773	6024.645	7001.945	3.882	4761.323
165.985	1.002	14.769						
11/5/2016 9:35:00 AM	214500.000	12.184	17.693	27.772	6025.504	7002.875	3.882	4761.956
165.961	1.002	14.771						
11/5/2016 9:40:00 AM	214800.000	12.182	17.693	27.766	6025.113	7002.422	3.882	4761.647
165.972	1.002	14.773						
11/5/2016 9:45:00 AM	215100.000	12.183	17.693	27.770	6025.386	7002.724	3.882	4761.853
165.964	1.002	14.775						
11/5/2016 9:50:00 AM	215400.000	12.178	17.693	27.757	6024.853	7002.160	3.882	4761.469
165.979	1.002	14.779						
11/5/2016 9:55:00 AM	215700.000	12.173	17.692	27.747	6026.133	7003.714	3.883	4762.526
165.944	1.002	14.782						
11/5/2016 10:00:00 AM	216000.000	12.174	17.693	27.748	6025.337	7002.627	3.882	4761.787
165.966	1.002	14.786						
11/5/2016 10:05:00 AM	216300.000	12.176	17.693	27.753	6024.832	7002.054	3.882	4761.397
165.980	1.002	14.782						
11/5/2016 10:10:00 AM	216600.000	12.183	17.693	27.770	6025.319	7002.606	3.882	4761.772
165.966	1.002	14.778						
11/5/2016 10:15:00 AM	216900.000	12.189	17.693	27.781	6025.410	7002.670	3.882	4761.815
165.964	1.002	14.774						
11/5/2016 10:20:00 AM	217200.000	12.188	17.693	27.780	6024.745	7001.993	3.882	4761.356
165.982	1.002	14.774						
11/5/2016 10:25:00 AM	217500.000	12.188	17.693	27.780	6025.710	7003.088	3.882	4762.100
165.956	1.002	14.774						
11/5/2016 10:30:00 AM	217800.000	12.191	17.692	27.786	6025.979	7003.509	3.883	4762.386
165.948	1.002	14.774						
11/5/2016 10:35:00 AM	218100.000	12.187	17.693	27.778	6025.963	7003.424	3.883	4762.328
165.949	1.002	14.776						
11/5/2016 10:40:00 AM	218400.000	12.187	17.693	27.777	6026.175	7003.683	3.883	4762.504
165.943	1.002	14.779						
11/5/2016 10:45:00 AM	218700.000	12.186	17.693	27.776	6024.991	7002.240	3.882	4761.523
165.975	1.002	14.781						
11/5/2016 10:50:00 AM	219000.000	12.182	17.693	27.765	6026.022	7003.463	3.883	4762.355
165.947	1.002	14.780						
11/5/2016 10:55:00 AM	219300.000	12.186	17.693	27.775	6026.488	7003.991	3.883	4762.714
165.934	1.002	14.780						
11/5/2016 11:00:00 AM	219600.000	12.187	17.693	27.778	6025.818	7003.227	3.883	4762.195
165.953	1.002	14.779						
11/5/2016 11:05:00 AM	219900.000	12.185	17.693	27.774	6026.478	7003.993	3.883	4762.715
165.934	1.002	14.781						
11/5/2016 11:10:00 AM	220200.000	12.184	17.692	27.772	6026.501	7004.091	3.883	4762.782
165.934	1.002	14.783						
11/5/2016 11:15:00 AM	220500.000	12.183	17.693	27.769	6025.528	7002.944	3.882	4762.002
165.961	1.002	14.785						
11/5/2016 11:20:00 AM	220800.000	12.183	17.693	27.769	6026.231	7003.667	3.883	4762.494
165.941	1.002	14.785						
11/5/2016 11:25:00 AM	221100.000	12.181	17.693	27.765	6025.592	7002.992	3.882	4762.034
165.959	1.002	14.785						
11/5/2016 11:30:00 AM	221400.000	12.185	17.694	27.773	6025.841	7003.132	3.882	4762.130
165.952	1.002	14.786						
11/5/2016 11:35:00 AM	221700.000	12.186	17.693	27.777	6026.053	7003.554	3.883	4762.417
165.946	1.002	14.784						
11/5/2016 11:40:00 AM	222000.000	12.187	17.693	27.778	6025.086	7002.363	3.882	4761.607
165.973	1.002	14.782						
11/5/2016 11:45:00 AM	222300.000	12.185	17.693	27.773	6025.050	7002.321	3.882	4761.579
165.974	1.002	14.780						
11/5/2016 11:50:00 AM	222600.000	12.184	17.693	27.771	6024.269	7001.455	3.882	4760.990
165.995	1.002	14.782						
11/5/2016 11:55:00 AM	222900.000	12.183	17.693	27.769	6024.573	7001.698	3.882	4761.155
165.987	1.002	14.784						
11/5/2016 12:00:00 PM	223200.000	12.185	17.693	27.772	6024.317	7001.457	3.882	4760.991
165.994	1.002	14.786						
11/5/2016 12:05:00 PM	223500.000	12.188	17.693	27.780	6024.350	7001.574	3.882	4761.071
165.993	1.002	14.786						
11/5/2016 12:10:00 PM	223800.000	12.187	17.693	27.778	6023.201	7000.184	3.881	4760.125
166.025	1.002	14.785						
11/5/2016 12:15:00 PM	224100.000	12.188	17.693	27.780	6023.205	7000.217	3.881	4760.148
166.025	1.002	14.785						
11/5/2016 12:20:00 PM	224400.000	12.182	17.693	27.768	6023.919	7000.979	3.881	4760.667

166.005	1.002	14.784						
11/5/2016 12:25:00 PM	224700.000	12.186	17.693	27.775	6022.400	6999.228	3.880	4759.475
166.047	1.002	14.784						
11/5/2016 12:30:00 PM	225000.000	12.187	17.693	27.778	6022.960	6999.879	3.881	4759.918
166.031	1.002	14.784						
11/5/2016 12:35:00 PM	225300.000	12.188	17.693	27.781	6022.281	6999.062	3.880	4759.363
166.050	1.002	14.782						
11/5/2016 12:40:00 PM	225600.000	12.190	17.693	27.785	6022.523	6999.426	3.880	4759.610
166.043	1.002	14.781						
11/5/2016 12:45:00 PM	225900.000	12.192	17.694	27.790	6021.713	6998.253	3.880	4758.813
166.066	1.002	14.780						
11/5/2016 12:50:00 PM	226200.000	12.188	17.693	27.779	6021.600	6998.338	3.880	4758.870
166.069	1.002	14.779						
11/5/2016 12:55:00 PM	226500.000	12.194	17.693	27.793	6021.675	6998.398	3.880	4758.911
166.067	1.002	14.779						
11/5/2016 1:00:00 PM	226800.000	12.194	17.693	27.793	6022.272	6999.039	3.880	4759.347
166.050	1.002	14.778						
11/5/2016 1:05:00 PM	227100.000	12.189	17.693	27.783	6021.769	6998.454	3.880	4758.949
166.064	1.002	14.779						
11/5/2016 1:10:00 PM	227400.000	12.191	17.693	27.787	6020.920	6997.548	3.879	4758.333
166.088	1.002	14.779						
11/5/2016 1:15:00 PM	227700.000	12.190	17.693	27.784	6021.700	6998.400	3.880	4758.913
166.066	1.002	14.780						
11/5/2016 1:20:00 PM	228000.000	12.191	17.693	27.786	6020.878	6997.419	3.879	4758.246
166.089	1.002	14.781						
11/5/2016 1:25:00 PM	228300.000	12.189	17.693	27.784	6019.962	6996.395	3.879	4757.549
166.114	1.002	14.781						
11/5/2016 1:30:00 PM	228600.000	12.188	17.693	27.781	6020.065	6996.515	3.879	4757.630
166.111	1.002	14.781						
11/5/2016 1:35:00 PM	228900.000	12.185	17.693	27.772	6019.807	6996.240	3.878	4757.443
166.118	1.002	14.781						
11/5/2016 1:40:00 PM	229200.000	12.190	17.693	27.784	6020.345	6996.799	3.879	4757.823
166.103	1.002	14.781						
11/5/2016 1:45:00 PM	229500.000	12.191	17.694	27.788	6019.719	6996.043	3.878	4757.310
166.121	1.002	14.780						
11/5/2016 1:50:00 PM	229800.000	12.186	17.693	27.775	6019.265	6995.597	3.878	4757.006
166.133	1.002	14.780						
11/5/2016 1:55:00 PM	230100.000	12.192	17.693	27.790	6019.385	6995.750	3.878	4757.110
166.130	1.002	14.779						
11/5/2016 2:00:00 PM	230400.000	12.188	17.693	27.780	6018.377	6994.565	3.877	4756.305
166.158	1.002	14.778						
11/5/2016 2:05:00 PM	230700.000	12.192	17.693	27.789	6019.076	6995.365	3.878	4756.849
166.138	1.002	14.779						
11/5/2016 2:10:00 PM	231000.000	12.192	17.693	27.788	6019.066	6995.408	3.878	4756.878
166.139	1.002	14.779						
11/5/2016 2:15:00 PM	231300.000	12.191	17.693	27.787	6018.750	6994.959	3.878	4756.573
166.147	1.002	14.780						
11/5/2016 2:20:00 PM	231600.000	12.185	17.693	27.774	6018.810	6995.082	3.878	4756.656
166.146	1.002	14.781						
11/5/2016 2:25:00 PM	231900.000	12.182	17.693	27.766	6016.804	6992.709	3.876	4755.042
166.201	1.002	14.783						
11/5/2016 2:30:00 PM	232200.000	12.185	17.693	27.774	6016.592	6992.490	3.876	4754.894
166.207	1.002	14.784						
11/5/2016 2:35:00 PM	232500.000	12.189	17.693	27.783	6017.686	6993.721	3.877	4755.730
166.177	1.002	14.781						
11/5/2016 2:40:00 PM	232800.000	12.195	17.693	27.796	6015.465	6991.153	3.875	4753.984
166.238	1.002	14.777						
11/5/2016 2:45:00 PM	233100.000	12.198	17.693	27.802	6016.281	6992.171	3.876	4754.676
166.216	1.002	14.773						
11/5/2016 2:50:00 PM	233400.000	12.197	17.693	27.801	6015.022	6990.721	3.875	4753.690
166.250	1.002	14.773						
11/5/2016 2:55:00 PM	233700.000	12.198	17.693	27.803	6014.510	6990.083	3.875	4753.257
166.265	1.002	14.773						
11/5/2016 3:00:00 PM	234000.000	12.200	17.693	27.807	6015.754	6991.476	3.876	4754.204
166.230	1.002	14.773						
11/5/2016 3:05:00 PM	234300.000	12.198	17.693	27.803	6014.809	6990.445	3.875	4753.503
166.256	1.002	14.775						
11/5/2016 3:10:00 PM	234600.000	12.197	17.693	27.800	6015.569	6991.343	3.876	4754.114
166.235	1.002	14.777						
11/5/2016 3:15:00 PM	234900.000	12.196	17.693	27.799	6014.376	6989.903	3.875	4753.134
166.268	1.002	14.779						
11/5/2016 3:20:00 PM	235200.000	12.196	17.693	27.798	6013.695	6989.137	3.874	4752.613
166.287	1.002	14.779						
11/5/2016 3:25:00 PM	235500.000	12.196	17.693	27.798	6013.841	6989.281	3.874	4752.712
166.283	1.002	14.778						
11/5/2016 3:30:00 PM	235800.000	12.196	17.693	27.798	6013.574	6989.010	3.874	4752.527
166.290	1.002	14.778						
11/5/2016 3:35:00 PM	236100.000	12.196	17.692	27.797	6014.087	6989.663	3.875	4752.972
166.276	1.002	14.776						
11/5/2016 3:40:00 PM	236400.000	12.201	17.693	27.810	6013.375	6988.819	3.874	4752.397
166.296	1.002	14.774						
11/5/2016 3:45:00 PM	236700.000	12.202	17.693	27.813	6013.607	6989.022	3.874	4752.535
166.290	1.002	14.772						
11/5/2016 3:50:00 PM	237000.000	12.200	17.693	27.808	6012.861	6988.196	3.874	4751.974
166.310	1.002	14.773						
11/5/2016 3:55:00 PM	237300.000	12.200	17.693	27.808	6011.821	6986.919	3.873	4751.105
166.339	1.002	14.774						
11/5/2016 4:00:00 PM	237600.000	12.195	17.693	27.796	6012.128	6987.370	3.873	4751.412
166.330	1.002	14.775						
11/5/2016 4:05:00 PM	237900.000	12.200	17.693	27.807	6011.873	6986.966	3.873	4751.137
166.338	1.002	14.774						
11/5/2016 4:10:00 PM	238200.000	12.197	17.693	27.802	6010.734	6985.670	3.872	4750.256
166.369	1.002	14.773						
11/5/2016 4:15:00 PM	238500.000	12.202	17.692	27.812	6010.834	6985.882	3.872	4750.400
166.366	1.002	14.773						
11/5/2016 4:20:00 PM	238800.000	12.199	17.693	27.806	6010.626	6985.558	3.872	4750.179
166.372	1.002	14.775						
11/5/2016 4:25:00 PM	239100.000	12.199	17.693	27.805	6011.359	6986.369	3.873	4750.731
166.352	1.002	14.777						
11/5/2016 4:30:00 PM	239400.000	12.194	17.693	27.794	6010.971	6985.958	3.872	4750.452
166.362	1.002	14.779						
11/5/2016 4:35:00 PM	239700.000	12.195	17.693	27.796	6010.062	6984.901	3.872	4749.732
166.388	1.002	14.779						
11/5/2016 4:40:00 PM	240000.000	12.195	17.693	27.796	6008.722	6983.291	3.871	4748.638
166.425	1.002	14.778						
11/5/2016 4:45:00 PM	240300.000	12.196	17.693	27.798	6009.049	6983.752	3.871	4748.952
166.416	1.002	14.777						
11/5/2016 4:50:00 PM	240600.000	12.198	17.693	27.803	6009.049	6983.752	3.871	4748.952
166.416	1.002	14.776						
11/5/2016 4:55:00 PM	240900.000	12.193	17.693	27.793	6008.506	6983.040	3.871	4748.467
166.431	1.002	14.775						
11/5/2016 5:00:00 PM	241200.000	12.198	17.693	27.803	6007.787	6982.285	3.870	4747.954
166.451	1.002	14.774						
11/5/2016 5:05:00 PM	241500.000	12.192	17.693	27.789	6007.843	6982.335	3.870	4747.989
166.449	1.002	14.772						
11/5/2016 5:10:00 PM	241800.000	12.197	17.693	27.801	6007.154	6981.509	3.870	4747.426
166.468	1.002	14.770						
11/5/2016 5:15:00 PM	242100.000	12.197	17.693	27.801	6007.152	6981.561	3.870	4747.462
166.468	1.002	14.769						
11/5/2016 5:20:00 PM	242400.000	12.192	17.693	27.789	6006.459	6980.714	3.869	4746.886
166.487	1.002	14.767						
11/5/2016 5:25:00 PM	242700.000	12.194	17.693	27.794	6005.935	6980.160	3.869	4746.509
166.502	1.002	14.766						
11/5/2016 5:30:00 PM	243000.000	12.201	17.693	27.809	6006.198	6980.424	3.869	4746.689
166.495	1.002	14.765						
11/5/2016 5:35:00 PM	243300.000	12.199	17.693	27.806	6005.491	6979.576	3.869	4746.112
166.514	1.002	14.766						
11/5/2016 5:40:00 PM	243600.000	12.197	17.693	27.801	6005.022	6979.058	3.868	4745.759
166.527	1.002	14.766						
11/5/2016 5:45:00 PM	243900.000	12.199	17.693	27.805	6004.164	6978.114	3.868	4745.118
166.551	1.002	14.767						
11/5/2016 5:50:00 PM	244200.000	12.198	17.692	27.803	6003.845	6977.784	3.867	4744.893
166.560	1.002	14.767						

11/5/2016 5:55:00 PM	244500.000	12.198	17.693	27.803	6003.660	6977.488	3.867	4744.692
166.565	1.002	14.767						
11/5/2016 6:00:00 PM	244800.000	12.197	17.693	27.802	6003.139	6976.883	3.867	4744.280
166.580	1.002	14.767						
11/5/2016 6:05:00 PM	245100.000	12.199	17.693	27.805	6003.313	6977.085	3.867	4744.418
166.575	1.002	14.765						
11/5/2016 6:10:00 PM	245400.000	12.203	17.693	27.814	6003.009	6976.692	3.867	4744.151
166.583	1.002	14.763						
11/5/2016 6:15:00 PM	245700.000	12.204	17.693	27.817	6003.161	6976.909	3.867	4744.298
166.579	1.002	14.760						
11/5/2016 6:20:00 PM	246000.000	12.204	17.693	27.816	6002.387	6976.023	3.866	4743.696
166.600	1.002	14.760						
11/5/2016 6:25:00 PM	246300.000	12.205	17.693	27.819	6001.942	6975.492	3.866	4743.335
166.613	1.002	14.760						
11/5/2016 6:30:00 PM	246600.000	12.206	17.693	27.822	6000.405	6973.678	3.865	4742.101
166.655	1.002	14.759						
11/5/2016 6:35:00 PM	246900.000	12.201	17.693	27.811	6000.494	6973.741	3.865	4742.144
166.653	1.002	14.759						
11/5/2016 6:40:00 PM	247200.000	12.206	17.693	27.820	6001.073	6974.467	3.866	4742.638
166.637	1.002	14.758						
11/5/2016 6:45:00 PM	247500.000	12.207	17.693	27.824	6000.244	6973.559	3.865	4742.020
166.660	1.002	14.757						
11/5/2016 6:50:00 PM	247800.000	12.200	17.693	27.806	6000.363	6973.616	3.865	4742.059
166.657	1.002	14.761						
11/5/2016 6:55:00 PM	248100.000	12.201	17.692	27.810	5999.275	6972.448	3.864	4741.265
166.687	1.002	14.764						
11/5/2016 7:00:00 PM	248400.000	12.195	17.693	27.796	5999.134	6972.268	3.864	4741.143
166.691	1.002	14.767						
11/5/2016 7:05:00 PM	248700.000	12.202	17.693	27.811	5998.905	6971.922	3.864	4740.907
166.697	1.002	14.766						
11/5/2016 7:10:00 PM	249000.000	12.204	17.693	27.816	5999.264	6972.365	3.864	4741.208
166.687	1.002	14.764						
11/5/2016 7:15:00 PM	249300.000	12.204	17.693	27.817	5998.220	6971.086	3.864	4740.339
166.716	1.002	14.763						
11/5/2016 7:20:00 PM	249600.000	12.204	17.693	27.817	5998.286	6971.188	3.864	4740.408
166.714	1.002	14.761						
11/5/2016 7:25:00 PM	249900.000	12.202	17.693	27.811	5997.675	6970.505	3.863	4739.943
166.731	1.002	14.759						
11/5/2016 7:30:00 PM	250200.000	12.207	17.693	27.824	5997.838	6970.723	3.863	4740.091
166.727	1.002	14.757						
11/5/2016 7:35:00 PM	250500.000	12.201	17.693	27.810	5997.642	6970.413	3.863	4739.881
166.732	1.002	14.759						
11/5/2016 7:40:00 PM	250800.000	12.203	17.693	27.814	5996.478	6969.073	3.862	4738.970
166.765	1.002	14.761						
11/5/2016 7:45:00 PM	251100.000	12.202	17.694	27.813	5996.533	6969.097	3.862	4738.986
166.763	1.002	14.763						
11/5/2016 7:50:00 PM	251400.000	12.201	17.693	27.810	5995.074	6967.537	3.861	4737.925
166.804	1.002	14.761						
11/5/2016 7:55:00 PM	251700.000	12.201	17.693	27.810	5995.063	6967.470	3.861	4737.880
166.804	1.002	14.760						
11/5/2016 8:00:00 PM	252000.000	12.206	17.693	27.822	5994.627	6967.018	3.861	4737.573
166.816	1.002	14.759						
11/5/2016 8:05:00 PM	252300.000	12.203	17.693	27.813	5993.853	6966.063	3.861	4736.924
166.838	1.002	14.761						
11/5/2016 8:10:00 PM	252600.000	12.202	17.692	27.812	5993.582	6965.872	3.860	4736.793
166.845	1.002	14.763						
11/5/2016 8:15:00 PM	252900.000	12.199	17.693	27.805	5994.126	6966.328	3.861	4737.104
166.830	1.002	14.766						
11/5/2016 8:20:00 PM	253200.000	12.197	17.693	27.802	5994.378	6966.701	3.861	4737.356
166.823	1.002	14.765						
11/5/2016 8:25:00 PM	253500.000	12.202	17.693	27.812	5993.506	6965.607	3.860	4736.613
166.847	1.002	14.765						
11/5/2016 8:30:00 PM	253800.000	12.202	17.693	27.811	5993.540	6965.754	3.860	4736.713
166.846	1.002	14.764						
11/5/2016 8:35:00 PM	254100.000	12.206	17.693	27.822	5992.808	6964.781	3.860	4736.051
166.867	1.002	14.761						
11/5/2016 8:40:00 PM	254400.000	12.204	17.693	27.816	5993.595	6965.723	3.860	4736.692
166.845	1.002	14.758						
11/5/2016 8:45:00 PM	254700.000	12.212	17.693	27.835	5992.570	6964.600	3.860	4735.928
166.873	1.002	14.755						
11/5/2016 8:50:00 PM	255000.000	12.212	17.693	27.836	5992.929	6964.962	3.860	4736.175
166.863	1.002	14.758						
11/5/2016 8:55:00 PM	255300.000	12.208	17.693	27.826	5991.884	6963.829	3.859	4735.404
166.892	1.002	14.761						
11/5/2016 9:00:00 PM	255600.000	12.204	17.693	27.817	5992.539	6964.523	3.860	4735.876
166.874	1.002	14.764						
11/5/2016 9:05:00 PM	255900.000	12.203	17.693	27.816	5992.124	6964.095	3.859	4735.585
166.886	1.002	14.762						
11/5/2016 9:10:00 PM	256200.000	12.203	17.693	27.815	5992.276	6964.244	3.859	4735.687
166.881	1.002	14.761						
11/5/2016 9:15:00 PM	256500.000	12.206	17.693	27.822	5991.515	6963.278	3.859	4735.029
166.903	1.002	14.759						
11/5/2016 9:20:00 PM	256800.000	12.210	17.693	27.830	5991.231	6963.070	3.859	4734.888
166.911	1.002	14.759						
11/5/2016 9:25:00 PM	257100.000	12.209	17.693	27.828	5991.288	6963.069	3.859	4734.888
166.909	1.002	14.759						
11/5/2016 9:30:00 PM	257400.000	12.209	17.693	27.829	5991.482	6963.255	3.859	4735.014
166.904	1.002	14.759						
11/5/2016 9:35:00 PM	257700.000	12.210	17.693	27.831	5991.831	6963.713	3.859	4735.325
166.894	1.002	14.760						
11/5/2016 9:40:00 PM	258000.000	12.206	17.693	27.821	5991.309	6963.094	3.859	4734.904
166.908	1.002	14.761						
11/5/2016 9:45:00 PM	258300.000	12.207	17.693	27.824	5990.981	6962.726	3.859	4734.653
166.918	1.002	14.761						
11/5/2016 9:50:00 PM	258600.000	12.208	17.693	27.826	5991.426	6963.189	3.859	4734.969
166.905	1.002	14.763						
11/5/2016 9:55:00 PM	258900.000	12.209	17.693	27.828	5990.371	6961.990	3.858	4734.154
166.935	1.002	14.765						
11/5/2016 10:00:00 PM	259200.000	12.203	17.693	27.813	5990.479	6962.116	3.858	4734.239
166.932	1.002	14.767						
11/5/2016 10:05:00 PM	259500.000	12.209	17.693	27.827	5991.167	6962.928	3.859	4734.792
166.912	1.002	14.767						
11/5/2016 10:10:00 PM	259800.000	12.209	17.693	27.829	5990.469	6962.143	3.858	4734.258
166.932	1.002	14.766						
11/5/2016 10:15:00 PM	260100.000	12.206	17.693	27.821	5990.742	6962.476	3.858	4734.484
166.924	1.002	14.766						
11/5/2016 10:20:00 PM	260400.000	12.211	17.692	27.833	5991.243	6963.113	3.859	4734.917
166.910	1.002	14.767						
11/5/2016 10:25:00 PM	260700.000	12.212	17.693	27.835	5990.709	6962.382	3.858	4734.420
166.925	1.002	14.768						
11/5/2016 10:30:00 PM	261000.000	12.211	17.693	27.832	5990.285	6961.984	3.858	4734.149
166.937	1.002	14.769						
11/5/2016 10:35:00 PM	261300.000	12.208	17.692	27.826	5990.241	6961.988	3.858	4734.152
166.938	1.002	14.769						
11/5/2016 10:40:00 PM	261600.000	12.214	17.693	27.840	5990.153	6961.751	3.858	4733.991
166.941	1.002	14.770						
11/5/2016 10:45:00 PM	261900.000	12.211	17.693	27.833	5990.993	6962.727	3.859	4734.654
166.917	1.002	14.770						
11/5/2016 10:50:00 PM	262200.000	12.205	17.693	27.819	5990.143	6961.684	3.858	4733.945
166.941	1.002	14.772						
11/5/2016 10:55:00 PM	262500.000	12.205	17.692	27.820	5990.287	6962.001	3.858	4734.161
166.937	1.002	14.773						
11/5/2016 11:00:00 PM	262800.000	12.210	17.693	27.829	5991.246	6963.006	3.859	4734.845
166.910	1.002	14.774						
11/5/2016 11:05:00 PM	263100.000	12.210	17.693	27.831	5991.200	6963.008	3.859	4734.846
166.911	1.002	14.775						
11/5/2016 11:10:00 PM	263400.000	12.204	17.693	27.816	5990.126	6961.732	3.858	4733.979
166.941	1.002	14.776						
11/5/2016 11:15:00 PM	263700.000	12.207	17.693	27.823	5990.198	6961.829	3.858	4734.043
166.939	1.002	14.776						
11/5/2016 11:20:00 PM	264000.000	12.210	17.693	27.831	5991.437	6963.309	3.859	4735.051
166.905	1.002	14.775						
11/5/2016 11:25:00 PM	264300.000	12.204	17.693	27.817	5990.242	6961.880	3.858	4734.079

166.938	1.002	14.773						
11/5/2016 11:30:00 PM	264600.000	12.212	17.693	27.835	5989.717	6961.229	3.858	4733.636
166.953	1.002	14.772						
11/5/2016 11:35:00 PM	264900.000	12.211	17.693	27.833	5989.229	6960.688	3.857	4733.268
166.966	1.002	14.771						
11/5/2016 11:40:00 PM	265200.000	12.215	17.693	27.841	5989.556	6961.056	3.858	4733.518
166.957	1.002	14.769						
11/5/2016 11:45:00 PM	265500.000	12.218	17.693	27.849	5989.083	6960.561	3.857	4733.182
166.970	1.002	14.768						
11/5/2016 11:50:00 PM	265800.000	12.216	17.693	27.845	5989.499	6961.044	3.858	4733.510
166.959	1.002	14.768						
11/5/2016 11:55:00 PM	266100.000	12.210	17.693	27.831	5989.648	6961.231	3.858	4733.637
166.955	1.002	14.768						
11/6/2016 12:00:00 AM	266400.000	12.209	17.693	27.829	5989.095	6960.561	3.857	4733.182
166.970	1.002	14.769						
11/6/2016 12:05:00 AM	266700.000	12.213	17.693	27.838	5988.902	6960.323	3.857	4733.020
166.976	1.002	14.768						
11/6/2016 12:10:00 AM	267000.000	12.210	17.693	27.831	5989.202	6960.657	3.857	4733.247
166.967	1.002	14.768						
11/6/2016 12:15:00 AM	267300.000	12.215	17.693	27.841	5989.979	6961.561	3.858	4733.861
166.946	1.002	14.767						
11/6/2016 12:20:00 AM	267600.000	12.216	17.693	27.844	5989.573	6961.117	3.858	4733.560
166.957	1.002	14.765						
11/6/2016 12:25:00 AM	267900.000	12.218	17.693	27.848	5988.977	6960.451	3.857	4733.106
166.973	1.002	14.763						
11/6/2016 12:30:00 AM	268200.000	12.223	17.693	27.859	5988.195	6959.542	3.857	4732.489
166.995	1.002	14.761						
11/6/2016 12:35:00 AM	268500.000	12.218	17.692	27.850	5988.307	6959.700	3.857	4732.596
166.992	1.002	14.765						
11/6/2016 12:40:00 AM	268800.000	12.214	17.693	27.839	5988.573	6959.995	3.857	4732.797
166.985	1.002	14.769						
11/6/2016 12:45:00 AM	269100.000	12.205	17.693	27.820	5988.519	6959.892	3.857	4732.727
166.986	1.002	14.773						
11/6/2016 12:50:00 AM	269400.000	12.212	17.693	27.835	5987.846	6959.136	3.856	4732.213
167.005	1.002	14.773						
11/6/2016 12:55:00 AM	269700.000	12.213	17.693	27.838	5988.609	6960.023	3.857	4732.816
166.984	1.002	14.772						
11/6/2016 1:00:00 AM	270000.000	12.209	17.692	27.829	5988.616	6960.085	3.857	4732.858
166.984	1.002	14.772						
11/6/2016 1:05:00 AM	270300.000	12.214	17.693	27.840	5987.628	6958.760	3.856	4731.958
167.011	1.002	14.772						
11/6/2016 1:10:00 AM	270600.000	12.214	17.693	27.839	5987.901	6959.106	3.856	4732.192
167.003	1.002	14.772						
11/6/2016 1:15:00 AM	270900.000	12.214	17.693	27.840	5988.179	6959.429	3.857	4732.412
166.996	1.002	14.772						
11/6/2016 1:20:00 AM	271200.000	12.215	17.693	27.842	5988.551	6959.943	3.857	4732.761
166.985	1.002	14.771						
11/6/2016 1:25:00 AM	271500.000	12.217	17.693	27.846	5987.749	6958.941	3.856	4732.081
167.008	1.002	14.770						
11/6/2016 1:30:00 AM	271800.000	12.217	17.693	27.847	5988.817	6960.198	3.857	4732.936
166.978	1.002	14.769						
11/6/2016 1:35:00 AM	272100.000	12.216	17.693	27.844	5986.539	6957.617	3.856	4731.179
167.041	1.002	14.770						
11/6/2016 1:40:00 AM	272400.000	12.217	17.693	27.845	5988.232	6959.518	3.857	4732.473
166.994	1.002	14.770						
11/6/2016 1:45:00 AM	272700.000	12.217	17.692	27.846	5987.531	6958.839	3.856	4732.010
167.014	1.002	14.771						
11/6/2016 1:50:00 AM	273000.000	12.218	17.693	27.848	5987.956	6959.182	3.856	4732.245
167.002	1.002	14.772						
11/6/2016 1:55:00 AM	273300.000	12.217	17.693	27.846	5987.167	6958.280	3.856	4731.631
167.024	1.002	14.772						
11/6/2016 2:00:00 AM	273600.000	12.216	17.693	27.845	5987.786	6959.080	3.856	4732.174
167.007	1.002	14.773						
11/6/2016 2:05:00 AM	273900.000	12.216	17.693	27.844	5986.867	6957.999	3.856	4731.439
167.032	1.002	14.774						
11/6/2016 2:10:00 AM	274200.000	12.215	17.693	27.841	5987.259	6958.388	3.856	4731.704
167.021	1.002	14.775						
11/6/2016 2:15:00 AM	274500.000	12.212	17.693	27.836	5986.813	6957.908	3.856	4731.377
167.034	1.002	14.775						
11/6/2016 2:20:00 AM	274800.000	12.211	17.693	27.833	5988.031	6959.284	3.857	4732.313
167.000	1.002	14.775						
11/6/2016 2:25:00 AM	275100.000	12.214	17.693	27.838	5986.550	6957.576	3.856	4731.152
167.041	1.002	14.775						
11/6/2016 2:30:00 AM	275400.000	12.211	17.693	27.832	5987.273	6958.484	3.856	4731.769
167.021	1.002	14.775						
11/6/2016 2:35:00 AM	275700.000	12.217	17.693	27.846	5986.433	6957.494	3.855	4731.096
167.044	1.002	14.772						
11/6/2016 2:40:00 AM	276000.000	12.217	17.693	27.845	5986.923	6958.022	3.856	4731.456
167.031	1.002	14.770						
11/6/2016 2:45:00 AM	276300.000	12.219	17.693	27.852	5986.923	6958.050	3.856	4731.475
167.031	1.002	14.768						
11/6/2016 2:50:00 AM	276600.000	12.215	17.692	27.842	5987.241	6958.474	3.856	4731.762
167.022	1.002	14.770						
11/6/2016 2:55:00 AM	276900.000	12.215	17.693	27.842	5987.008	6958.135	3.856	4731.533
167.028	1.002	14.773						
11/6/2016 2:00:00 AM	277200.000	12.215	17.693	27.842	5986.209	6957.207	3.855	4730.901
167.051	1.002	14.775						
11/6/2016 2:05:00 AM	277500.000	12.217	17.693	27.845	5986.986	6958.150	3.856	4731.542
167.029	1.002	14.774						
11/6/2016 2:10:00 AM	277800.000	12.218	17.693	27.850	5986.508	6957.500	3.855	4731.100
167.042	1.002	14.773						
11/6/2016 2:15:00 AM	278100.000	12.220	17.693	27.854	5985.887	6956.847	3.855	4730.656
167.060	1.002	14.771						
11/6/2016 2:20:00 AM	278400.000	12.220	17.693	27.853	5986.628	6957.667	3.856	4731.213
167.039	1.002	14.772						
11/6/2016 2:25:00 AM	278700.000	12.215	17.693	27.843	5986.475	6957.543	3.855	4731.130
167.043	1.002	14.773						
11/6/2016 2:30:00 AM	279000.000	12.218	17.692	27.848	5986.649	6957.774	3.856	4731.287
167.038	1.002	14.773						
11/6/2016 2:35:00 AM	279300.000	12.213	17.693	27.836	5986.732	6957.787	3.856	4731.295
167.036	1.002	14.774						
11/6/2016 2:40:00 AM	279600.000	12.216	17.693	27.843	5986.051	6957.063	3.855	4730.804
167.055	1.002	14.775						
11/6/2016 2:45:00 AM	279900.000	12.211	17.693	27.833	5986.323	6957.366	3.855	4731.009
167.047	1.002	14.776						
11/6/2016 2:50:00 AM	280200.000	12.219	17.693	27.850	5986.273	6957.227	3.855	4730.914
167.049	1.002	14.775						
11/6/2016 2:55:00 AM	280500.000	12.217	17.693	27.847	5986.742	6957.759	3.856	4731.276
167.036	1.002	14.774						
11/6/2016 3:00:00 AM	280800.000	12.217	17.692	27.847	5986.753	6957.895	3.856	4731.369
167.035	1.002	14.773						
11/6/2016 3:05:00 AM	281100.000	12.217	17.693	27.847	5986.944	6958.101	3.856	4731.509
167.030	1.002	14.773						
11/6/2016 3:10:00 AM	281400.000	12.215	17.693	27.842	5985.751	6956.715	3.855	4730.566
167.063	1.002	14.774						
11/6/2016 3:15:00 AM	281700.000	12.212	17.693	27.834	5985.294	6956.170	3.855	4730.196
167.076	1.002	14.774						
11/6/2016 3:20:00 AM	282000.000	12.217	17.693	27.847	5985.645	6956.536	3.855	4730.445
167.066	1.002	14.772						
11/6/2016 3:25:00 AM	282300.000	12.218	17.693	27.848	5985.268	6956.058	3.855	4730.120
167.077	1.002	14.770						
11/6/2016 3:30:00 AM	282600.000	12.218	17.693	27.849	5985.507	6956.336	3.855	4730.309
167.070	1.002	14.769						
11/6/2016 3:35:00 AM	282900.000	12.218	17.693	27.850	5985.049	6955.844	3.854	4729.974
167.083	1.002	14.770						
11/6/2016 3:40:00 AM	283200.000	12.214	17.693	27.838	5986.593	6957.585	3.856	4731.158
167.040	1.002	14.771						
11/6/2016 3:45:00 AM	283500.000	12.217	17.693	27.847	5986.699	6957.776	3.856	4731.289
167.037	1.002	14.773						
11/6/2016 3:50:00 AM	283800.000	12.218	17.693	27.850	5986.040	6956.942	3.855	4730.721
167.055	1.002	14.771						
11/6/2016 3:55:00 AM	284100.000	12.214	17.693	27.839	5985.605	6956.450	3.855	4730.386
167.067	1.002	14.769						

11/6/2016 4:00:00 AM	284400.000	12.218	17.693	27.849	5986.157	6957.146	3.855	4730.860
167.052	1.002	14.767						
11/6/2016 4:05:00 AM	284700.000	12.219	17.693	27.851	5986.220	6957.179	3.855	4730.882
167.050	1.002	14.764						
11/6/2016 4:10:00 AM	285000.000	12.219	17.693	27.851	5985.794	6956.739	3.855	4730.583
167.062	1.002	14.760						
11/6/2016 4:15:00 AM	285300.000	12.226	17.693	27.866	5984.623	6955.349	3.854	4729.638
167.095	1.002	14.757						
11/6/2016 4:20:00 AM	285600.000	12.219	17.693	27.850	5985.209	6955.991	3.855	4730.074
167.079	1.002	14.759						
11/6/2016 4:25:00 AM	285900.000	12.222	17.693	27.859	5985.539	6956.428	3.855	4730.372
167.069	1.002	14.761						
11/6/2016 4:30:00 AM	286200.000	12.220	17.693	27.854	5985.518	6956.376	3.855	4730.336
167.070	1.002	14.763						
11/6/2016 4:35:00 AM	286500.000	12.222	17.693	27.858	5985.181	6955.985	3.855	4730.070
167.079	1.002	14.763						
11/6/2016 4:40:00 AM	286800.000	12.221	17.693	27.856	5985.180	6955.996	3.855	4730.078
167.079	1.002	14.763						
11/6/2016 4:45:00 AM	287100.000	12.221	17.693	27.855	5985.134	6955.943	3.855	4730.041
167.081	1.002	14.763						
11/6/2016 4:50:00 AM	287400.000	12.220	17.693	27.854	5985.028	6955.820	3.854	4729.958
167.084	1.002	14.765						
11/6/2016 4:55:00 AM	287700.000	12.216	17.693	27.845	5985.177	6955.993	3.855	4730.075
167.079	1.002	14.768						
11/6/2016 5:00:00 AM	288000.000	12.217	17.693	27.846	5984.505	6955.212	3.854	4729.544
167.098	1.002	14.770						
11/6/2016 5:05:00 AM	288300.000	12.215	17.693	27.842	5985.779	6956.627	3.855	4730.506
167.063	1.002	14.770						
11/6/2016 5:10:00 AM	288600.000	12.211	17.693	27.833	5984.288	6954.988	3.854	4729.392
167.104	1.002	14.771						
11/6/2016 5:15:00 AM	288900.000	12.214	17.693	27.839	5984.744	6955.437	3.854	4729.698
167.092	1.002	14.771						
11/6/2016 5:20:00 AM	289200.000	12.216	17.693	27.843	5984.897	6955.668	3.854	4729.854
167.087	1.002	14.770						
11/6/2016 5:25:00 AM	289500.000	12.218	17.693	27.848	5984.734	6955.532	3.854	4729.763
167.092	1.002	14.769						
11/6/2016 5:30:00 AM	289800.000	12.218	17.692	27.848	5984.952	6955.801	3.854	4729.945
167.086	1.002	14.768						
11/6/2016 5:35:00 AM	290100.000	12.220	17.693	27.852	5985.431	6956.262	3.855	4730.258
167.072	1.002	14.767						
11/6/2016 5:40:00 AM	290400.000	12.220	17.693	27.854	5984.889	6955.659	3.854	4729.848
167.087	1.002	14.766						
11/6/2016 5:45:00 AM	290700.000	12.222	17.692	27.857	5985.049	6955.925	3.855	4730.030
167.083	1.002	14.765						
11/6/2016 5:50:00 AM	291000.000	12.223	17.692	27.859	5984.385	6955.154	3.854	4729.505
167.102	1.002	14.765						
11/6/2016 5:55:00 AM	291300.000	12.223	17.692	27.860	5985.028	6955.901	3.855	4730.013
167.084	1.002	14.764						
11/6/2016 6:00:00 AM	291600.000	12.224	17.693	27.862	5987.129	6958.236	3.856	4731.601
167.025	1.002	14.764						
11/6/2016 6:05:00 AM	291900.000	12.216	17.693	27.845	5985.801	6956.705	3.855	4730.560
167.062	1.002	14.768						
11/6/2016 6:10:00 AM	292200.000	12.217	17.693	27.847	5985.822	6956.784	3.855	4730.613
167.061	1.002	14.773						
11/6/2016 6:15:00 AM	292500.000	12.212	17.693	27.834	5985.365	6956.159	3.855	4730.188
167.074	1.002	14.777						
11/6/2016 6:20:00 AM	292800.000	12.217	17.692	27.845	5986.748	6957.889	3.856	4731.364
167.036	1.002	14.776						
11/6/2016 6:25:00 AM	293100.000	12.218	17.693	27.849	5987.795	6959.036	3.856	4732.145
167.006	1.002	14.775						
11/6/2016 6:30:00 AM	293400.000	12.221	17.694	27.855	5987.307	6958.360	3.856	4731.685
167.020	1.002	14.773						
11/6/2016 6:35:00 AM	293700.000	12.222	17.693	27.859	5986.726	6957.821	3.856	4731.318
167.036	1.002	14.772						
11/6/2016 6:40:00 AM	294000.000	12.221	17.693	27.855	5988.075	6959.361	3.857	4732.366
166.999	1.002	14.770						
11/6/2016 6:45:00 AM	294300.000	12.227	17.693	27.869	5988.108	6959.454	3.857	4732.429
166.998	1.002	14.769						
11/6/2016 6:50:00 AM	294600.000	12.224	17.692	27.863	5988.094	6959.464	3.857	4732.436
166.998	1.002	14.769						
11/6/2016 6:55:00 AM	294900.000	12.225	17.693	27.865	5988.250	6959.593	3.857	4732.523
166.994	1.002	14.770						
11/6/2016 7:00:00 AM	295200.000	12.225	17.693	27.864	5987.607	6958.846	3.856	4732.016
167.012	1.002	14.771						
11/6/2016 7:05:00 AM	295500.000	12.223	17.693	27.861	5989.265	6960.704	3.857	4733.279
166.965	1.002	14.773						
11/6/2016 7:10:00 AM	295800.000	12.222	17.693	27.857	5988.509	6959.785	3.857	4732.654
166.986	1.002	14.775						
11/6/2016 7:15:00 AM	296100.000	12.220	17.693	27.853	5989.066	6960.542	3.857	4733.168
166.971	1.002	14.777						
11/6/2016 7:20:00 AM	296400.000	12.221	17.693	27.855	5989.175	6960.614	3.857	4733.218
166.968	1.002	14.777						
11/6/2016 7:25:00 AM	296700.000	12.219	17.693	27.851	5988.958	6960.401	3.857	4733.073
166.974	1.002	14.778						
11/6/2016 7:30:00 AM	297000.000	12.221	17.693	27.855	5989.643	6961.237	3.858	4733.642
166.955	1.002	14.779						
11/6/2016 7:35:00 AM	297300.000	12.224	17.693	27.862	5989.142	6960.656	3.857	4733.246
166.969	1.002	14.777						
11/6/2016 7:40:00 AM	297600.000	12.228	17.692	27.872	5989.436	6961.013	3.858	4733.489
166.961	1.002	14.775						
11/6/2016 7:45:00 AM	297900.000	12.228	17.693	27.871	5990.285	6961.944	3.858	4734.122
166.937	1.002	14.772						
11/6/2016 7:50:00 AM	298200.000	12.221	17.693	27.855	5990.090	6961.717	3.858	4733.968
166.942	1.002	14.776						
11/6/2016 7:55:00 AM	298500.000	12.224	17.693	27.862	5988.902	6960.364	3.857	4733.048
166.976	1.002	14.779						
11/6/2016 8:00:00 AM	298800.000	12.217	17.693	27.845	5990.122	6961.781	3.858	4734.012
166.942	1.002	14.783						
11/6/2016 8:05:00 AM	299100.000	12.219	17.693	27.851	5989.958	6961.591	3.858	4733.882
166.946	1.002	14.781						
11/6/2016 8:10:00 AM	299400.000	12.218	17.693	27.848	5989.174	6960.653	3.857	4733.245
166.968	1.002	14.780						
11/6/2016 8:15:00 AM	299700.000	12.225	17.693	27.864	5989.480	6960.994	3.858	4733.476
166.959	1.002	14.778						
11/6/2016 8:20:00 AM	300000.000	12.224	17.693	27.863	5990.263	6961.958	3.858	4734.132
166.938	1.002	14.779						
11/6/2016 8:25:00 AM	300300.000	12.224	17.693	27.863	5989.936	6961.511	3.858	4733.828
166.947	1.002	14.781						
11/6/2016 8:30:00 AM	300600.000	12.222	17.693	27.858	5991.635	6963.540	3.859	4735.207
166.899	1.002	14.782						
11/6/2016 8:35:00 AM	300900.000	12.222	17.693	27.859	5991.287	6963.027	3.859	4734.859
166.909	1.002	14.783						
11/6/2016 8:40:00 AM	301200.000	12.216	17.693	27.843	5991.559	6963.410	3.859	4735.119
166.901	1.002	14.783						
11/6/2016 8:45:00 AM	301500.000	12.216	17.693	27.844	5991.395	6963.261	3.859	4735.018
166.906	1.002	14.784						
11/6/2016 8:50:00 AM	301800.000	12.219	17.693	27.851	5993.692	6965.876	3.860	4736.796
166.842	1.002	14.786						
11/6/2016 8:55:00 AM	302100.000	12.215	17.693	27.842	5992.418	6964.383	3.860	4735.781
166.878	1.002	14.788						
11/6/2016 9:00:00 AM	302400.000	12.214	17.692	27.839	5992.983	6965.135	3.860	4736.292
166.862	1.002	14.790						
11/6/2016 9:05:00 AM	302700.000	12.220	17.693	27.854	5995.370	6967.839	3.862	4738.130
166.795	1.002	14.788						
11/6/2016 9:10:00 AM	303000.000	12.222	17.693	27.857	5994.506	6966.890	3.861	4737.485
166.819	1.002	14.787						
11/6/2016 9:15:00 AM	303300.000	12.223	17.692	27.861	5995.760	6968.402	3.862	4738.514
166.785	1.002	14.785						
11/6/2016 9:20:00 AM	303600.000	12.217	17.693	27.847	5995.335	6967.840	3.862	4738.131
166.796	1.002	14.787						
11/6/2016 9:25:00 AM	303900.000	12.221	17.693	27.855	5996.879	6969.581	3.863	4739.315
166.753	1.002	14.790						
11/6/2016 9:30:00 AM	304200.000	12.219	17.693	27.850	5998.929	6971.962	3.864	4740.935

166.696	1.002	14.793						
11/6/2016 9:35:00 AM	304500.000	12.223	17.693	27.860	5998.340	6971.319	3.864	4740.497
166.713	1.002	14.790						
11/6/2016 9:40:00 AM	304800.000	12.226	17.693	27.868	5999.896	6973.127	3.865	4741.727
166.670	1.002	14.788						
11/6/2016 9:45:00 AM	305100.000	12.223	17.693	27.860	5999.295	6972.348	3.864	4741.197
166.686	1.002	14.785						
11/6/2016 9:50:00 AM	305400.000	12.228	17.693	27.871	6001.398	6974.860	3.866	4742.906
166.628	1.002	14.785						
11/6/2016 9:55:00 AM	305700.000	12.228	17.693	27.872	6001.757	6975.304	3.866	4743.207
166.618	1.002	14.784						
11/6/2016 10:00:00 AM	306000.000	12.230	17.693	27.877	6001.974	6975.569	3.866	4743.387
166.612	1.002	14.783						
11/6/2016 10:05:00 AM	306300.000	12.229	17.693	27.875	6002.178	6975.751	3.866	4743.512
166.606	1.002	14.784						
11/6/2016 10:10:00 AM	306600.000	12.229	17.693	27.873	6003.770	6977.589	3.867	4744.761
166.562	1.002	14.785						
11/6/2016 10:15:00 AM	306900.000	12.227	17.693	27.870	6004.990	6979.061	3.868	4745.762
166.528	1.002	14.786						
11/6/2016 10:20:00 AM	307200.000	12.231	17.693	27.877	6005.413	6979.511	3.869	4746.067
166.516	1.002	14.786						
11/6/2016 10:25:00 AM	307500.000	12.229	17.693	27.875	6007.016	6981.389	3.870	4747.345
166.472	1.002	14.785						
11/6/2016 10:30:00 AM	307800.000	12.225	17.693	27.865	6007.659	6982.082	3.870	4747.815
166.454	1.002	14.785						
11/6/2016 10:35:00 AM	308100.000	12.225	17.693	27.865	6008.083	6982.615	3.870	4748.179
166.442	1.002	14.787						
11/6/2016 10:40:00 AM	308400.000	12.219	17.693	27.851	6007.588	6982.081	3.870	4747.815
166.456	1.002	14.789						
11/6/2016 10:45:00 AM	308700.000	12.221	17.693	27.855	6009.128	6983.857	3.871	4749.023
166.413	1.002	14.791						
11/6/2016 10:50:00 AM	309000.000	12.221	17.693	27.855	6009.605	6984.412	3.871	4749.400
166.400	1.002	14.792						
11/6/2016 10:55:00 AM	309300.000	12.219	17.693	27.850	6010.671	6985.677	3.872	4750.261
166.371	1.002	14.794						
11/6/2016 11:00:00 AM	309600.000	12.216	17.693	27.844	6010.746	6985.764	3.872	4750.319
166.369	1.002	14.795						
11/6/2016 11:05:00 AM	309900.000	12.219	17.693	27.851	6011.312	6986.408	3.873	4750.758
166.353	1.002	14.793						
11/6/2016 11:10:00 AM	310200.000	12.222	17.693	27.858	6012.096	6987.278	3.873	4751.350
166.331	1.002	14.791						
11/6/2016 11:15:00 AM	310500.000	12.224	17.692	27.862	6013.515	6988.998	3.874	4752.519
166.292	1.002	14.788						
11/6/2016 11:20:00 AM	310800.000	12.220	17.693	27.853	6013.521	6988.935	3.874	4752.476
166.292	1.002	14.788						
11/6/2016 11:25:00 AM	311100.000	12.221	17.693	27.855	6014.994	6990.661	3.875	4753.650
166.251	1.002	14.789						
11/6/2016 11:30:00 AM	311400.000	12.226	17.693	27.867	6015.669	6991.446	3.876	4754.183
166.233	1.002	14.789						
11/6/2016 11:35:00 AM	311700.000	12.225	17.693	27.865	6016.735	6992.645	3.876	4754.999
166.203	1.002	14.787						
11/6/2016 11:40:00 AM	312000.000	12.221	17.692	27.856	6016.460	6992.432	3.876	4754.854
166.211	1.002	14.786						
11/6/2016 11:45:00 AM	312300.000	12.227	17.693	27.870	6017.202	6993.212	3.877	4755.384
166.190	1.002	14.784						
11/6/2016 11:50:00 AM	312600.000	12.228	17.693	27.871	6018.083	6994.291	3.877	4756.118
166.166	1.002	14.784						
11/6/2016 11:55:00 AM	312900.000	12.224	17.692	27.862	6018.419	6994.697	3.877	4756.395
166.157	1.002	14.783						
11/6/2016 12:00:00 PM	313200.000	12.230	17.692	27.875	6019.455	6995.901	3.878	4757.213
166.128	1.002	14.783						
11/6/2016 12:05:00 PM	313500.000	12.225	17.693	27.864	6019.138	6995.463	3.878	4756.915
166.137	1.002	14.781						
11/6/2016 12:10:00 PM	313800.000	12.230	17.693	27.877	6020.316	6996.847	3.879	4757.856
166.104	1.002	14.780						
11/6/2016 12:15:00 PM	314100.000	12.233	17.692	27.883	6020.849	6997.521	3.879	4758.314
166.090	1.002	14.778						
11/6/2016 12:20:00 PM	314400.000	12.229	17.692	27.874	6022.801	6999.790	3.881	4759.857
166.036	1.002	14.781						
11/6/2016 12:25:00 PM	314700.000	12.226	17.693	27.866	6024.011	7001.154	3.881	4760.786
166.002	1.002	14.784						
11/6/2016 12:30:00 PM	315000.000	12.225	17.693	27.864	6024.684	7001.949	3.882	4761.326
165.984	1.002	14.787						
11/6/2016 12:35:00 PM	315300.000	12.220	17.693	27.854	6023.375	7000.401	3.881	4760.272
166.020	1.002	14.786						
11/6/2016 12:40:00 PM	315600.000	12.225	17.693	27.864	6024.231	7001.369	3.881	4760.932
165.996	1.002	14.784						
11/6/2016 12:45:00 PM	315900.000	12.225	17.693	27.864	6024.790	7001.991	3.882	4761.354
165.981	1.002	14.783						
11/6/2016 12:50:00 PM	316200.000	12.226	17.693	27.868	6024.417	7001.626	3.882	4761.106
165.991	1.002	14.783						
11/6/2016 12:55:00 PM	316500.000	12.226	17.693	27.866	6025.956	7003.386	3.883	4762.303
165.949	1.002	14.783						
11/6/2016 1:00:00 PM	316800.000	12.225	17.693	27.864	6026.793	7004.414	3.883	4763.002
165.926	1.002	14.782						
11/6/2016 1:05:00 PM	317100.000	12.227	17.692	27.870	6027.159	7004.934	3.884	4763.356
165.916	1.002	14.783						
11/6/2016 1:10:00 PM	317400.000	12.224	17.692	27.862	6027.241	7004.962	3.884	4763.375
165.913	1.002	14.784						
11/6/2016 1:15:00 PM	317700.000	12.217	17.693	27.847	6027.239	7004.893	3.884	4763.328
165.913	1.002	14.785						
11/6/2016 1:20:00 PM	318000.000	12.224	17.693	27.863	6027.122	7004.783	3.883	4763.253
165.917	1.002	14.783						
11/6/2016 1:25:00 PM	318300.000	12.227	17.693	27.868	6027.663	7005.370	3.884	4763.652
165.902	1.002	14.782						
11/6/2016 1:30:00 PM	318600.000	12.227	17.692	27.868	6028.140	7005.995	3.884	4764.077
165.889	1.002	14.781						
11/6/2016 1:35:00 PM	318900.000	12.227	17.693	27.869	6027.899	7005.673	3.884	4763.858
165.895	1.002	14.779						
11/6/2016 1:40:00 PM	319200.000	12.227	17.693	27.870	6029.447	7007.473	3.885	4765.082
165.853	1.002	14.778						
11/6/2016 1:45:00 PM	319500.000	12.230	17.693	27.876	6029.671	7007.679	3.885	4765.222
165.847	1.002	14.777						
11/6/2016 1:50:00 PM	319800.000	12.229	17.693	27.874	6030.409	7008.603	3.886	4765.851
165.826	1.002	14.776						
11/6/2016 1:55:00 PM	320100.000	12.226	17.693	27.867	6030.865	7009.092	3.886	4766.183
165.814	1.002	14.776						
11/6/2016 2:00:00 PM	320400.000	12.231	17.693	27.879	6031.214	7009.553	3.886	4766.496
165.804	1.002	14.775						
11/6/2016 2:05:00 PM	320700.000	12.230	17.692	27.877	6030.261	7008.460	3.886	4765.753
165.830	1.002	14.777						
11/6/2016 2:10:00 PM	321000.000	12.228	17.693	27.871	6031.017	7009.323	3.886	4766.340
165.810	1.002	14.779						
11/6/2016 2:15:00 PM	321300.000	12.225	17.693	27.865	6031.108	7009.389	3.886	4766.385
165.807	1.002	14.781						
11/6/2016 2:20:00 PM	321600.000	12.226	17.693	27.867	6030.925	7009.162	3.886	4766.230
165.812	1.002	14.780						
11/6/2016 2:25:00 PM	321900.000	12.227	17.693	27.869	6030.122	7008.270	3.886	4765.624
165.834	1.002	14.779						
11/6/2016 2:30:00 PM	322200.000	12.229	17.692	27.874	6030.523	7008.765	3.886	4765.960
165.823	1.002	14.778						
11/6/2016 2:35:00 PM	322500.000	12.226	17.692	27.868	6031.747	7010.239	3.887	4766.963
165.789	1.002	14.780						
11/6/2016 2:40:00 PM	322800.000	12.222	17.693	27.859	6032.464	7010.992	3.887	4767.475
165.770	1.002	14.781						
11/6/2016 2:45:00 PM	323100.000	12.224	17.693	27.863	6031.701	7010.119	3.887	4766.881
165.791	1.002	14.782						
11/6/2016 2:50:00 PM	323400.000	12.227	17.693	27.870	6032.891	7011.501	3.887	4767.821
165.758	1.002	14.781						
11/6/2016 2:55:00 PM	323700.000	12.227	17.693	27.870	6032.240	7010.719	3.887	4767.289
165.776	1.002	14.779						
11/6/2016 3:00:00 PM	324000.000	12.224	17.692	27.863	6033.369	7012.072	3.888	4768.209
165.745	1.002	14.778						

11/6/2016 3:05:00 PM	324300.000	12.230	17.693	27.876	6032.977	7011.492	3.887	4767.815
165.756	1.002	14.778						
11/6/2016 3:10:00 PM	324600.000	12.225	17.693	27.864	6033.832	7012.554	3.888	4768.538
165.732	1.002	14.779						
11/6/2016 3:15:00 PM	324900.000	12.228	17.693	27.872	6034.012	7012.724	3.888	4768.652
165.727	1.002	14.779						
11/6/2016 3:20:00 PM	325200.000	12.229	17.693	27.874	6035.004	7013.862	3.889	4769.426
165.700	1.002	14.778						
11/6/2016 3:25:00 PM	325500.000	12.226	17.693	27.867	6033.735	7012.482	3.888	4768.488
165.735	1.002	14.778						
11/6/2016 3:30:00 PM	325800.000	12.226	17.692	27.868	6034.256	7013.115	3.888	4768.918
165.721	1.002	14.778						
11/6/2016 3:35:00 PM	326100.000	12.225	17.693	27.865	6035.298	7014.218	3.889	4769.668
165.692	1.002	14.779						
11/6/2016 3:40:00 PM	326400.000	12.231	17.693	27.878	6033.602	7012.314	3.888	4768.374
165.738	1.002	14.781						
11/6/2016 3:45:00 PM	326700.000	12.230	17.692	27.876	6034.945	7013.916	3.889	4769.463
165.702	1.002	14.782						
11/6/2016 3:50:00 PM	327000.000	12.225	17.693	27.864	6034.270	7013.104	3.888	4768.911
165.720	1.002	14.783						
11/6/2016 3:55:00 PM	327300.000	12.227	17.693	27.870	6034.946	7013.809	3.889	4769.391
165.702	1.002	14.784						
11/6/2016 4:00:00 PM	327600.000	12.221	17.693	27.856	6036.175	7015.292	3.890	4770.398
165.668	1.002	14.785						
11/6/2016 4:05:00 PM	327900.000	12.228	17.693	27.870	6034.298	7013.041	3.888	4768.869
165.719	1.002	14.785						
11/6/2016 4:10:00 PM	328200.000	12.228	17.693	27.871	6035.119	7014.064	3.889	4769.564
165.697	1.002	14.784						
11/6/2016 4:15:00 PM	328500.000	12.228	17.693	27.871	6034.210	7013.021	3.888	4768.854
165.722	1.002	14.784						
11/6/2016 4:20:00 PM	328800.000	12.226	17.693	27.867	6034.393	7013.207	3.888	4768.980
165.717	1.002	14.783						
11/6/2016 4:25:00 PM	329100.000	12.233	17.693	27.883	6034.391	7013.218	3.888	4768.989
165.717	1.002	14.781						
11/6/2016 4:30:00 PM	329400.000	12.234	17.693	27.885	6033.610	7012.229	3.888	4768.316
165.738	1.002	14.780						
11/6/2016 4:35:00 PM	329700.000	12.228	17.693	27.872	6034.388	7013.200	3.888	4768.976
165.717	1.002	14.782						
11/6/2016 4:40:00 PM	330000.000	12.231	17.693	27.879	6035.181	7014.150	3.889	4769.623
165.695	1.002	14.783						
11/6/2016 4:45:00 PM	330300.000	12.231	17.692	27.877	6034.790	7013.724	3.889	4769.333
165.706	1.002	14.785						
11/6/2016 4:50:00 PM	330600.000	12.229	17.693	27.874	6035.763	7014.771	3.889	4770.045
165.679	1.002	14.785						
11/6/2016 4:55:00 PM	330900.000	12.231	17.693	27.877	6034.030	7012.799	3.888	4768.704
165.727	1.002	14.785						
11/6/2016 5:00:00 PM	331200.000	12.229	17.693	27.873	6033.799	7012.502	3.888	4768.502
165.733	1.002	14.785						
11/6/2016 5:05:00 PM	331500.000	12.231	17.692	27.878	6035.373	7014.442	3.889	4769.821
165.690	1.002	14.786						
11/6/2016 5:10:00 PM	331800.000	12.229	17.693	27.874	6035.236	7014.171	3.889	4769.637
165.694	1.002	14.787						
11/6/2016 5:15:00 PM	332100.000	12.229	17.693	27.874	6035.144	7014.119	3.889	4769.602
165.696	1.002	14.789						
11/6/2016 5:20:00 PM	332400.000	12.230	17.693	27.877	6034.873	7013.792	3.889	4769.379
165.704	1.002	14.788						
11/6/2016 5:25:00 PM	332700.000	12.232	17.693	27.880	6035.022	7013.965	3.889	4769.497
165.699	1.002	14.787						
11/6/2016 5:30:00 PM	333000.000	12.234	17.693	27.885	6033.742	7012.491	3.888	4768.494
165.735	1.002	14.786						
11/6/2016 5:35:00 PM	333300.000	12.226	17.693	27.866	6035.248	7014.200	3.889	4769.657
165.693	1.002	14.790						
11/6/2016 5:40:00 PM	333600.000	12.227	17.693	27.870	6035.238	7014.216	3.889	4769.667
165.694	1.002	14.793						
11/6/2016 5:45:00 PM	333900.000	12.219	17.693	27.850	6034.881	7013.814	3.889	4769.394
165.703	1.002	14.796						
11/6/2016 5:50:00 PM	334200.000	12.225	17.693	27.865	6034.666	7013.523	3.889	4769.196
165.709	1.002	14.796						
11/6/2016 5:55:00 PM	334500.000	12.223	17.693	27.860	6034.069	7012.857	3.888	4768.743
165.726	1.002	14.796						
11/6/2016 6:00:00 PM	334800.000	12.220	17.693	27.854	6033.781	7012.509	3.888	4768.506
165.734	1.002	14.796						
11/6/2016 6:05:00 PM	335100.000	12.225	17.693	27.864	6034.414	7013.258	3.888	4769.016
165.716	1.002	14.793						
11/6/2016 6:10:00 PM	335400.000	12.233	17.693	27.884	6034.022	7012.816	3.888	4768.715
165.727	1.002	14.790						
11/6/2016 6:15:00 PM	335700.000	12.235	17.693	27.888	6034.513	7013.346	3.889	4769.076
165.713	1.002	14.787						
11/6/2016 6:20:00 PM	336000.000	12.233	17.693	27.883	6033.859	7012.586	3.888	4768.559
165.731	1.002	14.788						
11/6/2016 6:25:00 PM	336300.000	12.232	17.692	27.881	6033.775	7012.556	3.888	4768.539
165.734	1.002	14.789						
11/6/2016 6:30:00 PM	336600.000	12.235	17.693	27.887	6034.055	7012.828	3.888	4768.723
165.726	1.002	14.790						
11/6/2016 6:35:00 PM	336900.000	12.232	17.693	27.880	6034.669	7013.513	3.889	4769.189
165.709	1.002	14.792						
11/6/2016 6:40:00 PM	337200.000	12.230	17.692	27.877	6034.557	7013.493	3.889	4769.175
165.712	1.002	14.795						
11/6/2016 6:45:00 PM	337500.000	12.229	17.693	27.873	6034.741	7013.625	3.889	4769.266
165.707	1.002	14.797						
11/6/2016 6:50:00 PM	337800.000	12.224	17.693	27.862	6033.476	7012.085	3.888	4768.219
165.742	1.002	14.797						
11/6/2016 6:55:00 PM	338100.000	12.224	17.693	27.863	6033.666	7012.388	3.888	4768.424
165.737	1.002	14.797						
11/6/2016 7:00:00 PM	338400.000	12.231	17.693	27.879	6034.495	7013.244	3.888	4769.006
165.714	1.002	14.796						
11/6/2016 7:05:00 PM	338700.000	12.225	17.693	27.866	6034.270	7013.063	3.888	4768.883
165.720	1.002	14.797						
11/6/2016 7:10:00 PM	339000.000	12.230	17.693	27.876	6033.045	7011.613	3.888	4767.897
165.754	1.002	14.797						
11/6/2016 7:15:00 PM	339300.000	12.230	17.693	27.876	6032.699	7011.278	3.887	4767.669
165.763	1.002	14.798						
11/6/2016 7:20:00 PM	339600.000	12.232	17.693	27.881	6033.265	7011.910	3.888	4768.099
165.748	1.002	14.797						
11/6/2016 7:25:00 PM	339900.000	12.228	17.693	27.871	6033.426	7012.055	3.888	4768.198
165.743	1.002	14.796						
11/6/2016 7:30:00 PM	340200.000	12.234	17.693	27.886	6032.887	7011.402	3.887	4767.753
165.758	1.002	14.796						
11/6/2016 7:35:00 PM	340500.000	12.230	17.692	27.877	6033.063	7011.782	3.888	4768.013
165.753	1.002	14.798						
11/6/2016 7:40:00 PM	340800.000	12.229	17.692	27.873	6032.218	7010.761	3.887	4767.318
165.776	1.002	14.801						
11/6/2016 7:45:00 PM	341100.000	12.225	17.693	27.864	6033.478	7012.115	3.888	4768.239
165.742	1.002	14.803						
11/6/2016 7:50:00 PM	341400.000	12.228	17.693	27.871	6032.809	7011.365	3.887	4767.729
165.760	1.002	14.800						
11/6/2016 7:55:00 PM	341700.000	12.230	17.693	27.876	6033.804	7012.494	3.888	4768.497
165.733	1.002	14.797						
11/6/2016 8:00:00 PM	342000.000	12.234	17.693	27.885	6033.174	7011.775	3.888	4768.007
165.750	1.002	14.794						
11/6/2016 8:05:00 PM	342300.000	12.235	17.693	27.887	6032.464	7010.910	3.887	4767.419
165.770	1.002	14.793						
11/6/2016 8:10:00 PM	342600.000	12.238	17.693	27.893	6032.887	7011.483	3.887	4767.809
165.758	1.002	14.792						
11/6/2016 8:15:00 PM	342900.000	12.237	17.692	27.893	6033.095	7011.754	3.888	4767.993
165.752	1.002	14.791						
11/6/2016 8:20:00 PM	343200.000	12.237	17.693	27.892	6033.386	7012.008	3.888	4768.166
165.744	1.002	14.792						
11/6/2016 8:25:00 PM	343500.000	12.228	17.692	27.872	6032.264	7010.813	3.887	4767.353
165.775	1.002	14.793						
11/6/2016 8:30:00 PM	343800.000	12.234	17.693	27.885	6032.791	7011.359	3.887	4767.725
165.761	1.002	14.793						
11/6/2016 8:35:00 PM	344100.000	12.232	17.693	27.881	6033.749	7012.377	3.888	4768.417

165.734	1.002	14.793						
11/6/2016 8:40:00 PM	344400.000	12.231	17.693	27.879	6032.574	7011.092	3.887	4767.543
165.767	1.002	14.793						
11/6/2016 8:45:00 PM	344700.000	12.231	17.693	27.879	6033.166	7011.752	3.888	4767.992
165.750	1.002	14.794						
11/6/2016 8:50:00 PM	345000.000	12.231	17.692	27.877	6031.905	7010.412	3.887	4767.080
165.785	1.002	14.793						
11/6/2016 8:55:00 PM	345300.000	12.230	17.693	27.877	6032.866	7011.446	3.887	4767.784
165.759	1.002	14.792						
11/6/2016 9:00:00 PM	345600.000	12.231	17.693	27.879	6032.267	7010.776	3.887	4767.328
165.775	1.002	14.792						
11/6/2016 9:05:00 PM	345900.000	12.230	17.693	27.876	6032.837	7011.398	3.887	4767.751
165.759	1.002	14.792						
11/6/2016 9:10:00 PM	346200.000	12.225	17.693	27.865	6031.586	7009.864	3.886	4766.708
165.794	1.002	14.792						
11/6/2016 9:15:00 PM	346500.000	12.228	17.692	27.870	6032.666	7011.255	3.887	4767.653
165.764	1.002	14.792						
11/6/2016 9:20:00 PM	346800.000	12.231	17.693	27.878	6031.535	7009.913	3.887	4766.741
165.795	1.002	14.790						
11/6/2016 9:25:00 PM	347100.000	12.228	17.693	27.872	6031.348	7009.653	3.886	4766.564
165.800	1.002	14.787						
11/6/2016 9:30:00 PM	347400.000	12.234	17.693	27.884	6031.084	7009.401	3.886	4766.393
165.808	1.002	14.785						
11/6/2016 9:35:00 PM	347700.000	12.234	17.692	27.886	6033.459	7012.177	3.888	4768.280
165.742	1.002	14.784						
11/6/2016 9:40:00 PM	348000.000	12.230	17.693	27.877	6032.141	7010.589	3.887	4767.201
165.779	1.002	14.783						
11/6/2016 9:45:00 PM	348300.000	12.236	17.692	27.890	6033.664	7012.426	3.888	4768.450
165.737	1.002	14.782						
11/6/2016 9:50:00 PM	348600.000	12.236	17.692	27.889	6032.383	7010.938	3.887	4767.438
165.772	1.002	14.782						
11/6/2016 9:55:00 PM	348900.000	12.236	17.693	27.891	6033.424	7012.121	3.888	4768.242
165.743	1.002	14.783						
11/6/2016 10:00:00 PM	349200.000	12.236	17.693	27.889	6032.110	7010.593	3.887	4767.204
165.779	1.002	14.783						
11/6/2016 10:05:00 PM	349500.000	12.235	17.693	27.887	6032.486	7010.962	3.887	4767.455
165.769	1.002	14.785						
11/6/2016 10:10:00 PM	349800.000	12.234	17.693	27.886	6032.833	7011.408	3.887	4767.758
165.760	1.002	14.787						
11/6/2016 10:15:00 PM	350100.000	12.227	17.693	27.870	6031.965	7010.316	3.887	4767.016
165.783	1.002	14.788						
11/6/2016 10:20:00 PM	350400.000	12.231	17.693	27.879	6031.916	7010.313	3.887	4767.014
165.785	1.002	14.790						
11/6/2016 10:25:00 PM	350700.000	12.230	17.693	27.875	6031.709	7010.127	3.887	4766.887
165.790	1.002	14.792						
11/6/2016 10:30:00 PM	351000.000	12.225	17.693	27.865	6032.431	7010.954	3.887	4767.449
165.771	1.002	14.794						
11/6/2016 10:35:00 PM	351300.000	12.228	17.692	27.871	6031.611	7010.055	3.887	4766.837
165.793	1.002	14.792						
11/6/2016 10:40:00 PM	351600.000	12.235	17.693	27.888	6033.215	7011.852	3.888	4768.059
165.749	1.002	14.790						
11/6/2016 10:45:00 PM	351900.000	12.236	17.693	27.891	6031.218	7009.543	3.886	4766.490
165.804	1.002	14.787						
11/6/2016 10:50:00 PM	352200.000	12.235	17.693	27.886	6031.948	7010.297	3.887	4767.002
165.784	1.002	14.789						
11/6/2016 10:55:00 PM	352500.000	12.232	17.693	27.880	6032.267	7010.735	3.887	4767.301
165.775	1.002	14.790						
11/6/2016 11:00:00 PM	352800.000	12.230	17.692	27.875	6033.627	7012.384	3.888	4768.421
165.738	1.002	14.791						
11/6/2016 11:05:00 PM	353100.000	12.236	17.693	27.889	6032.689	7011.226	3.887	4767.634
165.764	1.002	14.791						
11/6/2016 11:10:00 PM	353400.000	12.232	17.693	27.880	6031.595	7009.955	3.887	4766.770
165.794	1.002	14.790						
11/6/2016 11:15:00 PM	353700.000	12.239	17.693	27.897	6031.509	7009.882	3.886	4766.720
165.796	1.002	14.789						
11/6/2016 11:20:00 PM	354000.000	12.240	17.693	27.898	6032.544	7011.072	3.887	4767.529
165.768	1.002	14.790						
11/6/2016 11:25:00 PM	354300.000	12.233	17.693	27.883	6033.545	7012.222	3.888	4768.311
165.740	1.002	14.790						
11/6/2016 11:30:00 PM	354600.000	12.236	17.692	27.889	6031.834	7010.314	3.887	4767.014
165.787	1.002	14.791						
11/6/2016 11:35:00 PM	354900.000	12.235	17.693	27.888	6031.337	7009.683	3.886	4766.585
165.801	1.002	14.790						
11/6/2016 11:40:00 PM	355200.000	12.234	17.693	27.886	6032.691	7011.256	3.887	4767.654
165.763	1.002	14.790						
11/6/2016 11:45:00 PM	355500.000	12.231	17.693	27.879	6032.034	7010.492	3.887	4767.135
165.782	1.002	14.789						
11/6/2016 11:50:00 PM	355800.000	12.229	17.693	27.875	6033.389	7012.080	3.888	4768.215
165.744	1.002	14.789						
11/6/2016 11:55:00 PM	356100.000	12.234	17.693	27.886	6033.604	7012.235	3.888	4768.321
165.738	1.002	14.789						
11/7/2016 12:00:00 AM	356400.000	12.231	17.692	27.877	6031.754	7010.195	3.887	4766.934
165.789	1.002	14.789						
11/7/2016 12:05:00 AM	356700.000	12.231	17.693	27.878	6032.236	7010.700	3.887	4767.277
165.776	1.002	14.788						
11/7/2016 12:10:00 AM	357000.000	12.235	17.693	27.888	6032.727	7011.297	3.887	4767.683
165.763	1.002	14.787						
11/7/2016 12:15:00 AM	357300.000	12.241	17.693	27.901	6031.883	7010.303	3.887	4767.006
165.786	1.002	14.785						
11/7/2016 12:20:00 AM	357600.000	12.242	17.692	27.904	6032.613	7011.194	3.887	4767.612
165.766	1.002	14.785						
11/7/2016 12:25:00 AM	357900.000	12.243	17.693	27.905	6032.047	7010.466	3.887	4767.117
165.781	1.002	14.784						
11/7/2016 12:30:00 AM	358200.000	12.243	17.693	27.905	6032.387	7010.861	3.887	4767.385
165.772	1.002	14.783						
11/7/2016 12:35:00 AM	358500.000	12.241	17.693	27.901	6031.992	7010.443	3.887	4767.102
165.783	1.002	14.786						
11/7/2016 12:40:00 AM	358800.000	12.240	17.693	27.898	6031.906	7010.357	3.887	4767.043
165.785	1.002	14.788						
11/7/2016 12:45:00 AM	359100.000	12.237	17.693	27.891	6031.959	7010.392	3.887	4767.066
165.784	1.002	14.790						
11/7/2016 12:50:00 AM	359400.000	12.232	17.693	27.881	6032.926	7011.502	3.887	4767.821
165.757	1.002	14.790						
11/7/2016 12:55:00 AM	359700.000	12.238	17.693	27.894	6033.459	7012.149	3.888	4768.261
165.742	1.002	14.790						
11/7/2016 1:00:00 AM	360000.000	12.238	17.693	27.893	6032.483	7010.972	3.887	4767.461
165.769	1.002	14.790						
11/7/2016 1:05:00 AM	360300.000	12.239	17.692	27.896	6031.938	7010.410	3.887	4767.079
165.784	1.002	14.789						
11/7/2016 1:10:00 AM	360600.000	12.237	17.693	27.893	6032.131	7010.563	3.887	4767.183
165.779	1.002	14.788						
11/7/2016 1:15:00 AM	360900.000	12.239	17.692	27.896	6031.459	7009.865	3.886	4766.708
165.797	1.002	14.787						
11/7/2016 1:20:00 AM	361200.000	12.233	17.693	27.883	6032.265	7010.733	3.887	4767.299
165.775	1.002	14.789						
11/7/2016 1:25:00 AM	361500.000	12.235	17.693	27.887	6031.938	7010.393	3.887	4767.067
165.784	1.002	14.791						
11/7/2016 1:30:00 AM	361800.000	12.234	17.693	27.885	6031.861	7010.278	3.887	4766.990
165.786	1.002	14.793						
11/7/2016 1:35:00 AM	362100.000	12.234	17.693	27.886	6032.574	7011.133	3.887	4767.571
165.767	1.002	14.791						
11/7/2016 1:40:00 AM	362400.000	12.230	17.692	27.877	6031.614	7010.033	3.887	4766.822
165.793	1.002	14.789						
11/7/2016 1:45:00 AM	362700.000	12.238	17.693	27.894	6031.784	7010.160	3.887	4766.910
165.788	1.002	14.788						
11/7/2016 1:50:00 AM	363000.000	12.237	17.693	27.891	6033.507	7012.177	3.888	4768.281
165.741	1.002	14.787						
11/7/2016 1:55:00 AM	363300.000	12.238	17.692	27.894	6032.028	7010.540	3.887	4767.167
165.782	1.002	14.787						
11/7/2016 2:00:00 AM	363600.000	12.238	17.693	27.894	6031.700	7010.037	3.887	4766.825
165.791	1.002	14.787						
11/7/2016 2:05:00 AM	363900.000	12.239	17.693	27.896	6034.247	7013.077	3.888	4768.893
165.721	1.002	14.786						

11/7/2016 2:10:00 AM	364200.000	12.239	17.693	27.896	6032.167	7010.620	3.887	4767.222
165.778	1.002	14.786						
11/7/2016 2:15:00 AM	364500.000	12.235	17.693	27.887	6032.060	7010.467	3.887	4767.118
165.781	1.002	14.786						
11/7/2016 2:20:00 AM	364800.000	12.237	17.693	27.892	6031.951	7010.382	3.887	4767.060
165.784	1.002	14.786						
11/7/2016 2:25:00 AM	365100.000	12.232	17.693	27.880	6031.730	7010.125	3.887	4766.885
165.790	1.002	14.787						
11/7/2016 2:30:00 AM	365400.000	12.232	17.693	27.880	6033.170	7011.745	3.888	4767.987
165.750	1.002	14.788						
11/7/2016 2:35:00 AM	365700.000	12.232	17.692	27.881	6031.325	7009.737	3.886	4766.621
165.801	1.002	14.786						
11/7/2016 2:40:00 AM	366000.000	12.235	17.692	27.887	6031.666	7010.104	3.887	4766.871
165.792	1.002	14.783						
11/7/2016 2:45:00 AM	366300.000	12.241	17.693	27.902	6031.910	7010.335	3.887	4767.028
165.785	1.002	14.781						
11/7/2016 2:50:00 AM	366600.000	12.240	17.693	27.898	6032.446	7010.930	3.887	4767.432
165.770	1.002	14.783						
11/7/2016 2:55:00 AM	366900.000	12.239	17.693	27.897	6032.181	7010.636	3.887	4767.232
165.778	1.002	14.785						
11/7/2016 3:00:00 AM	367200.000	12.234	17.692	27.885	6032.366	7010.906	3.887	4767.417
165.772	1.002	14.787						
11/7/2016 3:05:00 AM	367500.000	12.237	17.693	27.893	6031.686	7010.100	3.887	4766.869
165.791	1.002	14.788						
11/7/2016 3:10:00 AM	367800.000	12.232	17.693	27.881	6032.027	7010.497	3.887	4767.139
165.782	1.002	14.789						
11/7/2016 3:15:00 AM	368100.000	12.235	17.692	27.887	6032.366	7010.918	3.887	4767.425
165.772	1.002	14.790						
11/7/2016 3:20:00 AM	368400.000	12.237	17.693	27.893	6032.198	7010.670	3.887	4767.256
165.777	1.002	14.788						
11/7/2016 3:25:00 AM	368700.000	12.239	17.693	27.895	6032.289	7010.747	3.887	4767.308
165.775	1.002	14.785						
11/7/2016 3:30:00 AM	369000.000	12.241	17.692	27.901	6032.668	7011.269	3.887	4767.664
165.764	1.002	14.783						
11/7/2016 3:35:00 AM	369300.000	12.241	17.692	27.901	6031.941	7010.413	3.887	4767.081
165.784	1.002	14.785						
11/7/2016 3:40:00 AM	369600.000	12.239	17.693	27.896	6032.284	7010.741	3.887	4767.304
165.775	1.002	14.787						
11/7/2016 3:45:00 AM	369900.000	12.240	17.693	27.899	6031.511	7009.871	3.886	4766.713
165.796	1.002	14.788						
11/7/2016 3:50:00 AM	370200.000	12.239	17.693	27.897	6032.158	7010.609	3.887	4767.214
165.778	1.002	14.788						
11/7/2016 3:55:00 AM	370500.000	12.240	17.693	27.898	6030.538	7008.753	3.886	4765.953
165.823	1.002	14.788						
11/7/2016 4:00:00 AM	370800.000	12.235	17.692	27.888	6031.789	7010.247	3.887	4766.968
165.788	1.002	14.788						
11/7/2016 4:05:00 AM	371100.000	12.240	17.692	27.900	6031.405	7009.801	3.886	4766.666
165.799	1.002	14.788						
11/7/2016 4:10:00 AM	371400.000	12.242	17.693	27.903	6032.462	7010.922	3.887	4767.427
165.770	1.002	14.787						
11/7/2016 4:15:00 AM	371700.000	12.243	17.692	27.907	6030.946	7009.282	3.886	4766.312
165.811	1.002	14.787						
11/7/2016 4:20:00 AM	372000.000	12.242	17.693	27.904	6031.416	7009.774	3.886	4766.647
165.799	1.002	14.790						
11/7/2016 4:25:00 AM	372300.000	12.240	17.693	27.898	6031.392	7009.691	3.886	4766.591
165.799	1.002	14.792						
11/7/2016 4:30:00 AM	372600.000	12.235	17.693	27.886	6031.561	7009.901	3.887	4766.733
165.795	1.002	14.795						
11/7/2016 4:35:00 AM	372900.000	12.239	17.693	27.897	6031.978	7010.345	3.887	4767.035
165.783	1.002	14.793						
11/7/2016 4:40:00 AM	373200.000	12.241	17.692	27.902	6032.340	7010.888	3.887	4767.404
165.773	1.002	14.791						
11/7/2016 4:45:00 AM	373500.000	12.240	17.693	27.899	6030.826	7009.046	3.886	4766.151
165.815	1.002	14.789						
11/7/2016 4:50:00 AM	373800.000	12.240	17.693	27.898	6030.696	7008.924	3.886	4766.068
165.818	1.002	14.789						
11/7/2016 4:55:00 AM	374100.000	12.243	17.693	27.907	6031.246	7009.521	3.886	4766.474
165.803	1.002	14.790						
11/7/2016 5:00:00 AM	374400.000	12.243	17.693	27.906	6032.713	7011.294	3.887	4767.680
165.763	1.002	14.790						
11/7/2016 5:05:00 AM	374700.000	12.244	17.693	27.908	6032.962	7011.558	3.887	4767.859
165.756	1.002	14.791						
11/7/2016 5:10:00 AM	375000.000	12.245	17.693	27.910	6031.173	7009.410	3.886	4766.398
165.805	1.002	14.791						
11/7/2016 5:15:00 AM	375300.000	12.243	17.693	27.907	6031.575	7009.931	3.887	4766.754
165.794	1.002	14.792						
11/7/2016 5:20:00 AM	375600.000	12.241	17.693	27.902	6031.111	7009.432	3.886	4766.414
165.807	1.002	14.793						
11/7/2016 5:25:00 AM	375900.000	12.237	17.693	27.893	6032.582	7011.047	3.887	4767.512
165.766	1.002	14.794						
11/7/2016 5:30:00 AM	376200.000	12.240	17.693	27.899	6030.937	7009.204	3.886	4766.259
165.812	1.002	14.795						
11/7/2016 5:35:00 AM	376500.000	12.240	17.692	27.900	6031.547	7009.980	3.887	4766.787
165.795	1.002	14.793						
11/7/2016 5:40:00 AM	376800.000	12.239	17.693	27.895	6030.635	7008.866	3.886	4766.029
165.820	1.002	14.792						
11/7/2016 5:45:00 AM	377100.000	12.244	17.693	27.908	6031.300	7009.625	3.886	4766.546
165.802	1.002	14.791						
11/7/2016 5:50:00 AM	377400.000	12.242	17.693	27.903	6030.196	7008.329	3.886	4765.664
165.832	1.002	14.792						
11/7/2016 5:55:00 AM	377700.000	12.241	17.693	27.902	6029.947	7008.080	3.885	4765.494
165.839	1.002	14.793						
11/7/2016 6:00:00 AM	378000.000	12.235	17.692	27.887	6031.215	7009.595	3.886	4766.525
165.804	1.002	14.795						
11/7/2016 6:05:00 AM	378300.000	12.239	17.692	27.896	6029.905	7008.047	3.885	4765.473
165.840	1.002	14.794						
11/7/2016 6:10:00 AM	378600.000	12.237	17.693	27.893	6030.022	7008.099	3.885	4765.508
165.837	1.002	14.794						
11/7/2016 6:15:00 AM	378900.000	12.235	17.693	27.887	6027.159	7004.813	3.883	4763.274
165.916	1.002	14.794						
11/7/2016 6:20:00 AM	379200.000	12.242	17.693	27.903	6021.621	6998.295	3.880	4758.841
166.068	1.002	14.792						
11/7/2016 6:25:00 AM	379500.000	12.244	17.693	27.909	6005.948	6980.133	3.869	4746.491
166.502	1.002	14.790						
11/7/2016 6:30:00 AM	379800.000	12.247	17.693	27.915	5987.205	6958.350	3.856	4731.678
167.023	1.002	14.787						
11/7/2016 6:35:00 AM	380100.000	12.246	17.693	27.913	5971.381	6939.919	3.845	4719.146
167.465	1.002	14.787						
11/7/2016 6:40:00 AM	380400.000	12.246	17.693	27.913	5956.927	6923.175	3.835	4707.759
167.872	1.002	14.788						
11/7/2016 6:45:00 AM	380700.000	12.245	17.693	27.911	5942.938	6906.851	3.825	4696.659
168.267	1.002	14.788						
11/7/2016 6:50:00 AM	381000.000	12.239	17.693	27.896	5930.458	6892.386	3.817	4686.822
168.621	1.002	14.792						
11/7/2016 6:55:00 AM	381300.000	12.241	17.693	27.901	5918.924	6878.981	3.809	4677.707
168.950	1.002	14.795						
11/7/2016 7:00:00 AM	381600.000	12.233	17.693	27.884	5906.932	6865.084	3.801	4668.258
169.293	1.002	14.799						
11/7/2016 7:05:00 AM	381900.000	12.241	17.693	27.900	5897.165	6853.692	3.794	4660.511
169.573	1.002	14.798						
11/7/2016 7:10:00 AM	382200.000	12.242	17.693	27.904	5887.060	6841.909	3.787	4652.498
169.864	1.002	14.796						
11/7/2016 7:15:00 AM	382500.000	12.245	17.693	27.911	5877.406	6830.702	3.780	4644.877
170.143	1.002	14.794						
11/7/2016 7:20:00 AM	382800.000	12.243	17.694	27.905	5868.740	6820.538	3.774	4637.966
170.394	1.002	14.797						
11/7/2016 7:25:00 AM	383100.000	12.236	17.693	27.889	5860.119	6810.650	3.769	4631.242
170.645	1.002	14.800						
11/7/2016 7:30:00 AM	383400.000	12.233	17.694	27.882	5851.083	6800.056	3.762	4624.038
170.909	1.002	14.802						
11/7/2016 7:35:00 AM	383700.000	12.237	17.693	27.892	5840.160	6787.402	3.755	4615.433
171.228	1.002	14.802						
11/7/2016 7:40:00 AM	384000.000	12.239	17.693	27.896	5832.280	6778.271	3.749	4609.224

171.460	1.002	14.802						
11/7/2016 7:45:00 AM	384300.000	12.239	17.693	27.897	5824.411	6769.125	3.744	4603.005
171.691	1.002	14.802						
11/7/2016 7:50:00 AM	384600.000	12.237	17.693	27.891	5815.352	6758.621	3.738	4595.862
171.959	1.002	14.802						
11/7/2016 7:55:00 AM	384900.000	12.242	17.693	27.903	5807.505	6749.477	3.732	4589.645
172.191	1.002	14.801						
11/7/2016 8:00:00 AM	385200.000	12.238	17.693	27.895	5800.080	6740.809	3.727	4583.750
172.411	1.002	14.801						
11/7/2016 8:05:00 AM	385500.000	12.239	17.693	27.897	5792.540	6732.031	3.722	4577.781
172.636	1.002	14.803						
11/7/2016 8:10:00 AM	385800.000	12.241	17.693	27.900	5785.508	6723.913	3.717	4572.261
172.846	1.001	14.804						
11/7/2016 8:15:00 AM	386100.000	12.238	17.693	27.894	5778.266	6715.548	3.712	4566.573
173.062	1.001	14.806						
11/7/2016 8:20:00 AM	386400.000	12.239	17.693	27.896	5771.097	6707.203	3.707	4560.898
173.277	1.001	14.805						
11/7/2016 8:25:00 AM	386700.000	12.240	17.693	27.899	5764.890	6699.936	3.703	4555.957
173.464	1.001	14.803						
11/7/2016 8:30:00 AM	387000.000	12.242	17.693	27.903	5757.595	6691.433	3.698	4550.175
173.684	1.001	14.802						
11/7/2016 8:35:00 AM	387300.000	12.235	17.693	27.886	5751.304	6684.146	3.694	4545.220
173.874	1.001	14.804						
11/7/2016 8:40:00 AM	387600.000	12.238	17.693	27.894	5745.464	6677.320	3.690	4540.578
174.050	1.001	14.806						
11/7/2016 8:45:00 AM	387900.000	12.237	17.694	27.891	5738.462	6669.131	3.685	4535.009
174.263	1.001	14.807						
11/7/2016 8:50:00 AM	388200.000	12.235	17.694	27.888	5731.862	6661.486	3.680	4529.811
174.463	1.001	14.805						
11/7/2016 8:55:00 AM	388500.000	12.240	17.693	27.899	5725.921	6654.646	3.676	4525.160
174.644	1.001	14.803						
11/7/2016 9:00:00 AM	388800.000	12.241	17.693	27.901	5721.443	6649.417	3.673	4521.604
174.781	1.001	14.800						
11/7/2016 9:05:00 AM	389100.000	12.239	17.693	27.897	5714.634	6641.504	3.669	4516.224
174.989	1.001	14.803						
11/7/2016 9:10:00 AM	389400.000	12.238	17.693	27.895	5710.707	6636.939	3.666	4513.119
175.110	1.001	14.805						
11/7/2016 9:15:00 AM	389700.000	12.236	17.693	27.891	5704.462	6629.732	3.662	4508.218
175.301	1.001	14.807						
11/7/2016 9:20:00 AM	390000.000	12.233	17.693	27.882	5701.769	6626.565	3.660	4506.064
175.384	1.001	14.809						
11/7/2016 9:25:00 AM	390300.000	12.230	17.693	27.876	5695.006	6618.718	3.655	4500.728
175.592	1.001	14.810						
11/7/2016 9:30:00 AM	390600.000	12.230	17.693	27.875	5691.301	6614.387	3.653	4497.783
175.707	1.001	14.812						
11/7/2016 9:35:00 AM	390900.000	12.235	17.693	27.887	5687.592	6610.126	3.650	4494.886
175.821	1.001	14.806						
11/7/2016 9:40:00 AM	391200.000	12.241	17.693	27.901	5683.638	6605.570	3.647	4491.788
175.944	1.001	14.799						
11/7/2016 9:45:00 AM	391500.000	12.245	17.693	27.911	5679.984	6601.246	3.645	4488.847
176.057	1.001	14.793						
11/7/2016 9:50:00 AM	391800.000	12.237	17.693	27.892	5676.647	6597.407	3.643	4486.237
176.160	1.001	14.796						
11/7/2016 9:55:00 AM	392100.000	12.238	17.693	27.895	5673.052	6593.178	3.640	4483.362
176.272	1.001	14.798						
11/7/2016 10:00:00 AM	392400.000	12.234	17.693	27.886	5670.056	6589.746	3.638	4481.027
176.365	1.001	14.800						
11/7/2016 10:05:00 AM	392700.000	12.235	17.693	27.886	5666.600	6585.742	3.636	4478.304
176.473	1.001	14.799						
11/7/2016 10:10:00 AM	393000.000	12.232	17.693	27.880	5663.887	6582.550	3.634	4476.134
176.557	1.001	14.799						
11/7/2016 10:15:00 AM	393300.000	12.232	17.693	27.880	5660.603	6578.798	3.632	4473.583
176.660	1.001	14.798						
11/7/2016 10:20:00 AM	393600.000	12.235	17.693	27.887	5657.932	6575.667	3.630	4471.454
176.743	1.001	14.798						
11/7/2016 10:25:00 AM	393900.000	12.234	17.693	27.884	5656.365	6573.834	3.629	4470.208
176.792	1.001	14.798						
11/7/2016 10:30:00 AM	394200.000	12.234	17.693	27.885	5653.487	6570.478	3.627	4467.925
176.882	1.001	14.798						
11/7/2016 10:35:00 AM	394500.000	12.235	17.693	27.886	5650.931	6567.519	3.625	4465.913
176.962	1.001	14.797						
11/7/2016 10:40:00 AM	394800.000	12.235	17.693	27.887	5649.424	6565.756	3.624	4464.714
177.009	1.001	14.795						
11/7/2016 10:45:00 AM	395100.000	12.236	17.693	27.888	5647.563	6563.579	3.623	4463.233
177.068	1.001	14.794						
11/7/2016 10:50:00 AM	395400.000	12.234	17.693	27.885	5645.694	6561.444	3.621	4461.782
177.126	1.001	14.794						
11/7/2016 10:55:00 AM	395700.000	12.233	17.693	27.882	5642.860	6558.139	3.620	4459.535
177.215	1.001	14.794						
11/7/2016 11:00:00 AM	396000.000	12.228	17.693	27.870	5641.857	6556.985	3.619	4458.750
177.247	1.001	14.795						
11/7/2016 11:05:00 AM	396300.000	12.233	17.693	27.883	5639.808	6554.617	3.617	4457.140
177.311	1.001	14.793						
11/7/2016 11:10:00 AM	396600.000	12.230	17.692	27.877	5638.947	6553.707	3.617	4456.521
177.338	1.001	14.792						
11/7/2016 11:15:00 AM	396900.000	12.232	17.693	27.879	5637.156	6551.522	3.616	4455.035
177.394	1.001	14.791						
11/7/2016 11:20:00 AM	397200.000	12.233	17.694	27.882	5636.276	6550.411	3.615	4454.279
177.422	1.001	14.789						
11/7/2016 11:25:00 AM	397500.000	12.229	17.693	27.873	5635.176	6549.159	3.614	4453.428
177.457	1.001	14.787						
11/7/2016 11:30:00 AM	397800.000	12.229	17.693	27.874	5634.769	6548.710	3.614	4453.123
177.470	1.001	14.785						
11/7/2016 11:35:00 AM	398100.000	12.232	17.693	27.880	5631.833	6545.375	3.612	4450.855
177.562	1.001	14.787						
11/7/2016 11:40:00 AM	398400.000	12.226	17.693	27.866	5630.726	6544.100	3.611	4449.988
177.597	1.001	14.790						
11/7/2016 11:45:00 AM	398700.000	12.222	17.693	27.857	5630.832	6544.211	3.611	4450.063
177.594	1.001	14.792						
11/7/2016 11:50:00 AM	399000.000	12.223	17.693	27.860	5629.580	6542.704	3.610	4449.040
177.633	1.001	14.790						
11/7/2016 11:55:00 AM	399300.000	12.222	17.693	27.858	5629.611	6542.741	3.610	4449.064
177.632	1.001	14.788						
11/7/2016 12:00:00 PM	399600.000	12.224	17.693	27.862	5629.876	6543.088	3.611	4449.300
177.624	1.001	14.787						
11/7/2016 12:05:00 PM	399900.000	12.225	17.693	27.864	5629.413	6542.574	3.610	4448.950
177.638	1.001	14.783						
11/7/2016 12:10:00 PM	400200.000	12.227	17.693	27.868	5629.781	6542.938	3.611	4449.198
177.627	1.001	14.779						
11/7/2016 12:15:00 PM	400500.000	12.234	17.693	27.886	5629.165	6542.248	3.610	4448.729
177.646	1.001	14.775						
11/7/2016 12:20:00 PM	400800.000	12.233	17.693	27.882	5629.366	6542.444	3.610	4448.862
177.640	1.001	14.773						
11/7/2016 12:25:00 PM	401100.000	12.234	17.693	27.885	5628.283	6541.185	3.610	4448.006
177.674	1.001	14.770						
11/7/2016 12:30:00 PM	401400.000	12.235	17.693	27.887	5628.576	6541.526	3.610	4448.238
177.665	1.001	14.768						
11/7/2016 12:35:00 PM	401700.000	12.227	17.693	27.870	5629.231	6542.325	3.610	4448.781
177.644	1.001	14.769						
11/7/2016 12:40:00 PM	402000.000	12.225	17.693	27.866	5627.293	6540.060	3.609	4447.241
177.705	1.001	14.771						
11/7/2016 12:45:00 PM	402300.000	12.223	17.693	27.860	5628.213	6541.116	3.609	4447.958
177.676	1.001	14.772						
11/7/2016 12:50:00 PM	402600.000	12.222	17.692	27.858	5627.431	6540.296	3.609	4447.401
177.701	1.001	14.772						
11/7/2016 12:55:00 PM	402900.000	12.223	17.693	27.860	5628.029	6540.914	3.609	4447.822
177.682	1.001	14.771						
11/7/2016 1:00:00 PM	403200.000	12.229	17.693	27.873	5627.722	6540.584	3.609	4447.598
177.692	1.001	14.771						
11/7/2016 1:05:00 PM	403500.000	12.228	17.693	27.872	5628.407	6541.354	3.610	4448.121
177.670	1.001	14.770						
11/7/2016 1:10:00 PM	403800.000	12.228	17.693	27.872	5629.593	6542.783	3.610	4449.093
177.633	1.001	14.770						

11/7/2016 1:15:00 PM	404100.000	12.223	17.694	27.860	5629.680	6542.731	3.610	4449.058
177.630	1.001	14.769						
11/7/2016 1:20:00 PM	404400.000	12.226	17.693	27.866	5629.968	6543.181	3.611	4449.364
177.621	1.001	14.770						
11/7/2016 1:25:00 PM	404700.000	12.219	17.693	27.850	5630.160	6543.379	3.611	4449.498
177.615	1.001	14.772						
11/7/2016 1:30:00 PM	405000.000	12.221	17.693	27.856	5630.698	6544.004	3.611	4449.923
177.598	1.001	14.773						
11/7/2016 1:35:00 PM	405300.000	12.222	17.693	27.858	5630.608	6543.912	3.611	4449.860
177.601	1.001	14.772						
11/7/2016 1:40:00 PM	405600.000	12.219	17.693	27.851	5631.717	6545.188	3.612	4450.729
177.566	1.001	14.771						
11/7/2016 1:45:00 PM	405900.000	12.223	17.692	27.861	5631.193	6544.657	3.612	4450.368
177.582	1.001	14.770						
11/7/2016 1:50:00 PM	406200.000	12.224	17.693	27.863	5632.291	6545.919	3.612	4451.225
177.548	1.001	14.768						
11/7/2016 1:55:00 PM	406500.000	12.222	17.693	27.857	5632.479	6546.075	3.612	4451.331
177.542	1.001	14.767						
11/7/2016 2:00:00 PM	406800.000	12.221	17.693	27.856	5633.404	6547.188	3.613	4452.088
177.513	1.001	14.765						
11/7/2016 2:05:00 PM	407100.000	12.225	17.693	27.865	5633.730	6547.490	3.613	4452.294
177.502	1.001	14.766						
11/7/2016 2:10:00 PM	407400.000	12.221	17.693	27.856	5635.511	6549.572	3.614	4453.709
177.446	1.001	14.767						
11/7/2016 2:15:00 PM	407700.000	12.226	17.693	27.867	5634.909	6548.924	3.614	4453.268
177.465	1.001	14.768						
11/7/2016 2:20:00 PM	408000.000	12.224	17.693	27.863	5635.625	6549.793	3.615	4453.860
177.443	1.001	14.769						
11/7/2016 2:25:00 PM	408300.000	12.224	17.693	27.862	5636.051	6550.225	3.615	4454.153
177.429	1.001	14.769						
11/7/2016 2:30:00 PM	408600.000	12.222	17.693	27.859	5637.408	6551.854	3.616	4455.260
177.386	1.001	14.770						
11/7/2016 2:35:00 PM	408900.000	12.223	17.692	27.859	5637.429	6551.905	3.616	4455.295
177.386	1.001	14.771						
11/7/2016 2:40:00 PM	409200.000	12.223	17.693	27.859	5638.699	6553.342	3.617	4456.272
177.346	1.001	14.771						
11/7/2016 2:45:00 PM	409500.000	12.220	17.693	27.854	5639.093	6553.736	3.617	4456.541
177.333	1.001	14.772						
11/7/2016 2:50:00 PM	409800.000	12.220	17.692	27.854	5639.162	6553.943	3.617	4456.682
177.331	1.001	14.772						
11/7/2016 2:55:00 PM	410100.000	12.222	17.693	27.857	5639.621	6554.438	3.617	4457.018
177.317	1.001	14.772						
11/7/2016 3:00:00 PM	410400.000	12.221	17.693	27.855	5639.655	6554.414	3.617	4457.001
177.316	1.001	14.772						
11/7/2016 3:05:00 PM	410700.000	12.221	17.693	27.855	5640.390	6555.319	3.618	4457.617
177.293	1.001	14.773						
11/7/2016 3:10:00 PM	411000.000	12.215	17.692	27.841	5641.093	6556.187	3.618	4458.207
177.271	1.001	14.774						
11/7/2016 3:15:00 PM	411300.000	12.216	17.693	27.845	5642.356	6557.617	3.619	4459.179
177.231	1.001	14.775						
11/7/2016 3:20:00 PM	411600.000	12.213	17.693	27.836	5642.565	6557.822	3.619	4459.320
177.224	1.001	14.775						
11/7/2016 3:25:00 PM	411900.000	12.213	17.693	27.837	5643.087	6558.466	3.620	4459.757
177.208	1.001	14.776						
11/7/2016 3:30:00 PM	412200.000	12.213	17.693	27.836	5643.298	6558.699	3.620	4459.915
177.201	1.001	14.777						
11/7/2016 3:35:00 PM	412500.000	12.218	17.693	27.849	5643.169	6558.550	3.620	4459.814
177.205	1.001	14.777						
11/7/2016 3:40:00 PM	412800.000	12.215	17.693	27.843	5644.261	6559.779	3.620	4460.649
177.171	1.001	14.777						
11/7/2016 3:45:00 PM	413100.000	12.219	17.693	27.851	5644.427	6559.922	3.621	4460.747
177.166	1.001	14.777						
11/7/2016 3:50:00 PM	413400.000	12.217	17.693	27.846	5645.170	6560.862	3.621	4461.387
177.143	1.001	14.777						
11/7/2016 3:55:00 PM	413700.000	12.213	17.693	27.838	5645.145	6560.858	3.621	4461.383
177.143	1.001	14.778						
11/7/2016 4:00:00 PM	414000.000	12.216	17.693	27.845	5646.107	6561.964	3.622	4462.135
177.113	1.001	14.779						
11/7/2016 4:05:00 PM	414300.000	12.215	17.693	27.843	5645.928	6561.692	3.622	4461.951
177.119	1.001	14.779						
11/7/2016 4:10:00 PM	414600.000	12.215	17.693	27.842	5647.031	6563.013	3.622	4462.849
177.084	1.001	14.780						
11/7/2016 4:15:00 PM	414900.000	12.210	17.693	27.830	5647.693	6563.820	3.623	4463.397
177.063	1.001	14.780						
11/7/2016 4:20:00 PM	415200.000	12.217	17.693	27.845	5648.274	6564.470	3.623	4463.839
177.045	1.001	14.779						
11/7/2016 4:25:00 PM	415500.000	12.216	17.693	27.844	5647.710	6563.775	3.623	4463.368
177.063	1.001	14.778						
11/7/2016 4:30:00 PM	415800.000	12.212	17.693	27.835	5649.450	6565.798	3.624	4464.743
177.008	1.001	14.777						
11/7/2016 4:35:00 PM	416100.000	12.216	17.692	27.843	5649.354	6565.775	3.624	4464.728
177.011	1.001	14.779						
11/7/2016 4:40:00 PM	416400.000	12.212	17.693	27.835	5650.615	6567.203	3.625	4465.698
176.972	1.001	14.781						
11/7/2016 4:45:00 PM	416700.000	12.209	17.693	27.828	5650.802	6567.395	3.625	4465.829
176.966	1.001	14.783						
11/7/2016 4:50:00 PM	417000.000	12.207	17.693	27.825	5651.611	6568.348	3.626	4466.477
176.941	1.001	14.784						
11/7/2016 4:55:00 PM	417300.000	12.203	17.693	27.814	5652.032	6568.811	3.626	4466.792
176.928	1.001	14.785						
11/7/2016 5:00:00 PM	417600.000	12.205	17.693	27.819	5652.725	6569.655	3.626	4467.366
176.906	1.001	14.786						
11/7/2016 5:05:00 PM	417900.000	12.208	17.693	27.825	5652.600	6569.458	3.626	4467.232
176.910	1.001	14.783						
11/7/2016 5:10:00 PM	418200.000	12.211	17.693	27.833	5653.256	6570.285	3.627	4467.794
176.889	1.001	14.780						
11/7/2016 5:15:00 PM	418500.000	12.210	17.693	27.831	5654.325	6571.451	3.627	4468.587
176.856	1.001	14.777						
11/7/2016 5:20:00 PM	418800.000	12.208	17.693	27.826	5654.083	6571.208	3.627	4468.422
176.863	1.001	14.780						
11/7/2016 5:25:00 PM	419100.000	12.211	17.693	27.832	5655.443	6572.802	3.628	4469.506
176.821	1.001	14.783						
11/7/2016 5:30:00 PM	419400.000	12.207	17.692	27.823	5654.843	6572.154	3.628	4469.065
176.840	1.001	14.786						
11/7/2016 5:35:00 PM	419700.000	12.202	17.693	27.812	5656.139	6573.610	3.629	4470.056
176.799	1.001	14.785						
11/7/2016 5:40:00 PM	420000.000	12.207	17.693	27.824	5657.327	6574.940	3.629	4470.959
176.762	1.001	14.784						
11/7/2016 5:45:00 PM	420300.000	12.209	17.693	27.828	5658.735	6576.602	3.630	4472.089
176.718	1.001	14.783						
11/7/2016 5:50:00 PM	420600.000	12.207	17.692	27.823	5657.694	6575.469	3.630	4471.319
176.750	1.001	14.785						
11/7/2016 5:55:00 PM	420900.000	12.206	17.693	27.820	5659.444	6577.425	3.631	4472.649
176.696	1.001	14.787						
11/7/2016 6:00:00 PM	421200.000	12.204	17.693	27.817	5659.057	6576.989	3.631	4472.353
176.708	1.001	14.790						
11/7/2016 6:05:00 PM	421500.000	12.205	17.693	27.819	5659.588	6577.631	3.631	4472.790
176.691	1.001	14.789						
11/7/2016 6:10:00 PM	421800.000	12.207	17.693	27.823	5660.810	6579.064	3.632	4473.764
176.653	1.001	14.788						
11/7/2016 6:15:00 PM	422100.000	12.202	17.692	27.813	5661.848	6580.333	3.633	4474.627
176.621	1.001	14.787						
11/7/2016 6:20:00 PM	422400.000	12.209	17.693	27.827	5663.146	6581.780	3.633	4475.611
176.580	1.001	14.785						
11/7/2016 6:25:00 PM	422700.000	12.212	17.692	27.835	5663.068	6581.714	3.633	4475.565
176.583	1.001	14.783						
11/7/2016 6:30:00 PM	423000.000	12.214	17.693	27.840	5663.733	6582.397	3.634	4476.030
176.562	1.001	14.780						
11/7/2016 6:35:00 PM	423300.000	12.212	17.693	27.835	5665.124	6584.065	3.635	4477.165
176.519	1.001	14.783						
11/7/2016 6:40:00 PM	423600.000	12.207	17.693	27.823	5665.634	6584.658	3.635	4477.568
176.503	1.001	14.786						
11/7/2016 6:45:00 PM	423900.000	12.205	17.693	27.818	5665.882	6584.896	3.635	4477.729

176.495	1.001	14.789						
11/7/2016 6:50:00 PM	424200.000	12.204	17.693	27.816	5667.305	6586.600	3.636	4478.889
176.451	1.001	14.790						
11/7/2016 6:55:00 PM	424500.000	12.202	17.693	27.813	5666.825	6585.991	3.636	4478.474
176.466	1.001	14.791						
11/7/2016 7:00:00 PM	424800.000	12.202	17.693	27.812	5667.952	6587.365	3.637	4479.408
176.431	1.001	14.792						
11/7/2016 7:05:00 PM	425100.000	12.199	17.693	27.805	5667.808	6587.146	3.637	4479.259
176.435	1.001	14.790						
11/7/2016 7:10:00 PM	425400.000	12.204	17.693	27.818	5668.737	6588.226	3.637	4479.994
176.406	1.001	14.789						
11/7/2016 7:15:00 PM	425700.000	12.205	17.693	27.819	5668.419	6587.843	3.637	4479.733
176.416	1.001	14.787						
11/7/2016 7:20:00 PM	426000.000	12.200	17.692	27.808	5670.020	6589.782	3.638	4481.052
176.366	1.001	14.788						
11/7/2016 7:25:00 PM	426300.000	12.204	17.693	27.817	5670.602	6590.432	3.639	4481.494
176.348	1.001	14.789						
11/7/2016 7:30:00 PM	426600.000	12.204	17.693	27.816	5671.644	6591.643	3.639	4482.317
176.316	1.001	14.790						
11/7/2016 7:35:00 PM	426900.000	12.203	17.693	27.815	5670.759	6590.615	3.639	4481.618
176.343	1.001	14.789						
11/7/2016 7:40:00 PM	427200.000	12.203	17.693	27.815	5671.468	6591.426	3.639	4482.169
176.321	1.001	14.789						
11/7/2016 7:45:00 PM	427500.000	12.204	17.693	27.818	5673.205	6593.444	3.640	4483.542
176.267	1.001	14.788						
11/7/2016 7:50:00 PM	427800.000	12.203	17.693	27.814	5673.474	6593.770	3.641	4483.763
176.259	1.001	14.788						
11/7/2016 7:55:00 PM	428100.000	12.200	17.693	27.807	5674.056	6594.407	3.641	4484.197
176.241	1.001	14.788						
11/7/2016 8:00:00 PM	428400.000	12.203	17.693	27.815	5674.746	6595.249	3.641	4484.770
176.219	1.001	14.787						
11/7/2016 8:05:00 PM	428700.000	12.196	17.692	27.799	5675.644	6596.319	3.642	4485.498
176.191	1.001	14.788						
11/7/2016 8:10:00 PM	429000.000	12.199	17.693	27.805	5676.277	6597.027	3.642	4485.979
176.172	1.001	14.788						
11/7/2016 8:15:00 PM	429300.000	12.199	17.692	27.805	5675.296	6595.915	3.642	4485.222
176.202	1.001	14.788						
11/7/2016 8:20:00 PM	429600.000	12.198	17.693	27.802	5676.947	6597.819	3.643	4486.518
176.151	1.001	14.787						
11/7/2016 8:25:00 PM	429900.000	12.202	17.693	27.812	5676.658	6597.458	3.643	4486.272
176.160	1.001	14.785						
11/7/2016 8:30:00 PM	430200.000	12.198	17.693	27.803	5676.458	6597.187	3.643	4486.087
176.166	1.001	14.784						
11/7/2016 8:35:00 PM	430500.000	12.201	17.692	27.810	5678.284	6599.412	3.644	4487.600
176.110	1.001	14.784						
11/7/2016 8:40:00 PM	430800.000	12.197	17.692	27.801	5677.373	6598.366	3.643	4486.889
176.138	1.001	14.784						
11/7/2016 8:45:00 PM	431100.000	12.202	17.693	27.812	5680.109	6601.430	3.645	4488.972
176.053	1.001	14.784						
11/7/2016 8:50:00 PM	431400.000	12.203	17.693	27.815	5679.463	6600.743	3.645	4488.505
176.073	1.001	14.783						
11/7/2016 8:55:00 PM	431700.000	12.198	17.693	27.803	5679.353	6600.577	3.645	4488.393
176.076	1.001	14.783						
11/7/2016 9:00:00 PM	432000.000	12.202	17.692	27.813	5681.382	6603.050	3.646	4490.074
176.014	1.001	14.783						
11/7/2016 9:05:00 PM	432300.000	12.202	17.693	27.812	5682.116	6603.802	3.646	4490.586
175.991	1.001	14.782						
11/7/2016 9:10:00 PM	432600.000	12.205	17.693	27.819	5682.218	6603.945	3.647	4490.683
175.988	1.001	14.781						
11/7/2016 9:15:00 PM	432900.000	12.205	17.693	27.819	5681.788	6603.420	3.646	4490.326
176.001	1.001	14.779						
11/7/2016 9:20:00 PM	433200.000	12.203	17.693	27.814	5682.662	6604.436	3.647	4491.017
175.974	1.001	14.781						
11/7/2016 9:25:00 PM	433500.000	12.198	17.693	27.803	5682.335	6604.069	3.647	4490.768
175.984	1.001	14.782						
11/7/2016 9:30:00 PM	433800.000	12.202	17.693	27.813	5684.632	6606.713	3.648	4492.565
175.913	1.001	14.783						
11/7/2016 9:35:00 PM	434100.000	12.203	17.692	27.813	5691.611	6614.887	3.653	4498.124
175.697	1.001	14.782						
11/7/2016 9:40:00 PM	434400.000	12.204	17.693	27.816	5709.656	6635.809	3.665	4512.350
175.142	1.001	14.781						
11/7/2016 9:45:00 PM	434700.000	12.199	17.692	27.806	5728.207	6657.433	3.678	4527.055
174.575	1.001	14.780						
11/7/2016 9:50:00 PM	435000.000	12.199	17.693	27.805	5744.599	6676.445	3.689	4539.983
174.077	1.001	14.780						
11/7/2016 9:55:00 PM	435300.000	12.204	17.692	27.817	5756.980	6690.874	3.698	4549.794
173.702	1.001	14.780						
11/7/2016 10:00:00 PM	435600.000	12.199	17.693	27.806	5771.084	6707.227	3.707	4560.915
173.278	1.001	14.779						
11/7/2016 10:05:00 PM	435900.000	12.203	17.692	27.815	5781.928	6719.868	3.715	4569.510
172.953	1.001	14.781						
11/7/2016 10:10:00 PM	436200.000	12.201	17.693	27.809	5793.014	6732.713	3.723	4578.245
172.622	1.002	14.783						
11/7/2016 10:15:00 PM	436500.000	12.202	17.692	27.812	5802.243	6743.454	3.729	4585.548
172.347	1.002	14.784						
11/7/2016 10:20:00 PM	436800.000	12.204	17.692	27.817	5810.648	6753.287	3.735	4592.235
172.098	1.002	14.784						
11/7/2016 10:25:00 PM	437100.000	12.204	17.693	27.816	5820.217	6764.303	3.741	4599.726
171.815	1.002	14.784						
11/7/2016 10:30:00 PM	437400.000	12.204	17.692	27.817	5827.281	6772.565	3.746	4605.344
171.607	1.002	14.784						
11/7/2016 10:35:00 PM	437700.000	12.203	17.692	27.814	5835.477	6782.143	3.752	4611.857
171.366	1.002	14.784						
11/7/2016 10:40:00 PM	438000.000	12.199	17.693	27.804	5842.140	6789.795	3.756	4617.061
171.170	1.002	14.785						
11/7/2016 10:45:00 PM	438300.000	12.201	17.692	27.809	5848.839	6797.660	3.761	4622.409
170.974	1.002	14.785						
11/7/2016 10:50:00 PM	438600.000	12.201	17.692	27.811	5854.653	6804.405	3.765	4626.996
170.804	1.002	14.784						
11/7/2016 10:55:00 PM	438900.000	12.205	17.692	27.818	5861.318	6812.163	3.769	4632.271
170.610	1.002	14.782						
11/7/2016 11:00:00 PM	439200.000	12.204	17.693	27.817	5867.263	6818.967	3.773	4636.898
170.437	1.002	14.780						
11/7/2016 11:05:00 PM	439500.000	12.197	17.692	27.801	5873.201	6825.987	3.778	4641.671
170.265	1.002	14.782						
11/7/2016 11:10:00 PM	439800.000	12.199	17.692	27.806	5876.845	6830.222	3.780	4644.551
170.159	1.002	14.784						
11/7/2016 11:15:00 PM	440100.000	12.193	17.692	27.791	5883.593	6838.078	3.785	4649.893
169.964	1.002	14.786						
11/7/2016 11:20:00 PM	440400.000	12.198	17.692	27.802	5887.534	6842.592	3.787	4652.963
169.850	1.002	14.784						
11/7/2016 11:25:00 PM	440700.000	12.199	17.692	27.806	5891.718	6847.560	3.790	4656.341
169.730	1.002	14.781						
11/7/2016 11:30:00 PM	441000.000	12.200	17.692	27.807	5896.423	6853.001	3.794	4660.042
169.594	1.002	14.779						
11/7/2016 11:35:00 PM	441300.000	12.203	17.692	27.813	5901.833	6859.264	3.797	4664.299
169.439	1.002	14.780						
11/7/2016 11:40:00 PM	441600.000	12.204	17.692	27.816	5906.093	6864.162	3.800	4667.631
169.317	1.002	14.781						
11/7/2016 11:45:00 PM	441900.000	12.197	17.692	27.800	5909.841	6868.557	3.803	4670.620
169.209	1.002	14.783						
11/7/2016 11:50:00 PM	442200.000	12.202	17.693	27.812	5914.475	6873.876	3.806	4674.236
169.077	1.002	14.780						
11/7/2016 11:55:00 PM	442500.000	12.204	17.692	27.817	5918.692	6878.818	3.809	4677.597
168.956	1.002	14.778						
11/8/2016 12:00:00 AM	442800.000	12.207	17.692	27.824	5922.160	6882.863	3.811	4680.347
168.857	1.002	14.776						
11/8/2016 12:05:00 AM	443100.000	12.208	17.692	27.826	5927.472	6889.037	3.815	4684.545
168.706	1.002	14.776						
11/8/2016 12:10:00 AM	443400.000	12.208	17.692	27.826	5931.239	6893.493	3.818	4687.575
168.599	1.002	14.776						
11/8/2016 12:15:00 AM	443700.000	12.203	17.692	27.815	5934.828	6897.637	3.820	4690.394
168.497	1.002	14.776						

11/8/2016 12:20:00 AM	444000.000	12.208	17.692	27.826	5938.868	6902.293	3.823	4693.559
168.382	1.002	14.775						
11/8/2016 12:25:00 AM	444300.000	12.204	17.692	27.816	5943.223	6907.354	3.826	4697.001
168.259	1.002	14.774						
11/8/2016 12:30:00 AM	444600.000	12.209	17.692	27.828	5946.281	6910.882	3.828	4699.400
168.172	1.002	14.773						
11/8/2016 12:35:00 AM	444900.000	12.203	17.692	27.814	5949.761	6914.993	3.830	4702.196
168.074	1.002	14.775						
11/8/2016 12:40:00 AM	445200.000	12.201	17.693	27.810	5952.246	6917.774	3.832	4704.087
168.004	1.002	14.777						
11/8/2016 12:45:00 AM	445500.000	12.198	17.692	27.804	5954.501	6920.436	3.834	4705.897
167.940	1.002	14.779						
11/8/2016 12:50:00 AM	445800.000	12.206	17.692	27.820	5958.698	6925.340	3.836	4709.231
167.822	1.002	14.778						
11/8/2016 12:55:00 AM	446100.000	12.205	17.692	27.819	5960.963	6927.973	3.838	4711.022
167.758	1.002	14.777						
11/8/2016 1:00:00 AM	446400.000	12.208	17.692	27.825	5964.505	6932.077	3.840	4713.813
167.659	1.002	14.776						
11/8/2016 1:05:00 AM	446700.000	12.209	17.692	27.827	5967.209	6935.206	3.842	4715.940
167.583	1.002	14.776						
11/8/2016 1:10:00 AM	447000.000	12.210	17.692	27.830	5970.178	6938.670	3.844	4718.296
167.499	1.002	14.776						
11/8/2016 1:15:00 AM	447300.000	12.205	17.692	27.819	5972.307	6941.131	3.846	4719.969
167.439	1.002	14.777						
11/8/2016 1:20:00 AM	447600.000	12.208	17.692	27.826	5974.691	6943.928	3.847	4721.872
167.373	1.002	14.778						
11/8/2016 1:25:00 AM	447900.000	12.206	17.693	27.822	5978.584	6948.385	3.850	4724.902
167.264	1.002	14.779						
11/8/2016 1:30:00 AM	448200.000	12.206	17.692	27.822	5979.869	6949.934	3.851	4725.956
167.228	1.002	14.781						
11/8/2016 1:35:00 AM	448500.000	12.207	17.692	27.824	5981.643	6951.980	3.852	4727.347
167.178	1.002	14.780						
11/8/2016 1:40:00 AM	448800.000	12.207	17.692	27.823	5984.201	6954.940	3.854	4729.360
167.107	1.002	14.779						
11/8/2016 1:45:00 AM	449100.000	12.209	17.692	27.827	5985.299	6956.205	3.855	4730.220
167.076	1.002	14.778						
11/8/2016 1:50:00 AM	449400.000	12.204	17.692	27.817	5988.696	6960.165	3.857	4732.913
166.981	1.002	14.778						
11/8/2016 1:55:00 AM	449700.000	12.209	17.692	27.828	5990.361	6962.114	3.858	4734.238
166.935	1.002	14.778						
11/8/2016 2:00:00 AM	450000.000	12.208	17.692	27.826	5991.536	6963.505	3.859	4735.184
166.902	1.002	14.778						
11/8/2016 2:05:00 AM	450300.000	12.208	17.692	27.827	5992.689	6964.886	3.860	4736.123
166.870	1.002	14.778						
11/8/2016 2:10:00 AM	450600.000	12.210	17.692	27.831	5994.007	6966.376	3.861	4737.136
166.833	1.002	14.777						
11/8/2016 2:15:00 AM	450900.000	12.210	17.693	27.830	5995.574	6968.131	3.862	4738.330
166.790	1.002	14.777						
11/8/2016 2:20:00 AM	451200.000	12.212	17.692	27.834	5996.564	6969.376	3.862	4739.176
166.762	1.002	14.776						
11/8/2016 2:25:00 AM	451500.000	12.212	17.692	27.836	5999.232	6972.545	3.864	4741.331
166.688	1.002	14.775						
11/8/2016 2:30:00 AM	451800.000	12.212	17.693	27.836	5999.884	6973.114	3.865	4741.717
166.670	1.002	14.773						
11/8/2016 2:35:00 AM	452100.000	12.212	17.692	27.834	6000.655	6974.131	3.865	4742.409
166.648	1.002	14.774						
11/8/2016 2:40:00 AM	452400.000	12.212	17.692	27.836	6002.899	6976.752	3.867	4744.191
166.586	1.002	14.774						
11/8/2016 2:45:00 AM	452700.000	12.212	17.692	27.835	6004.489	6978.507	3.868	4745.386
166.542	1.002	14.774						
11/8/2016 2:50:00 AM	453000.000	12.212	17.693	27.835	6005.120	6979.212	3.868	4745.864
166.525	1.002	14.773						
11/8/2016 2:55:00 AM	453300.000	12.213	17.692	27.838	6006.567	6980.948	3.869	4747.045
166.484	1.002	14.773						
11/8/2016 3:00:00 AM	453600.000	12.216	17.693	27.843	6007.425	6981.891	3.870	4747.687
166.461	1.002	14.772						
11/8/2016 3:05:00 AM	453900.000	12.213	17.692	27.837	6009.243	6984.044	3.871	4749.151
166.410	1.002	14.773						
11/8/2016 3:10:00 AM	454200.000	12.206	17.692	27.821	6010.431	6985.439	3.872	4750.099
166.377	1.002	14.774						
11/8/2016 3:15:00 AM	454500.000	12.211	17.692	27.832	6011.356	6986.529	3.873	4750.840
166.352	1.002	14.775						
11/8/2016 3:20:00 AM	454800.000	12.207	17.693	27.824	6012.645	6987.971	3.874	4751.821
166.316	1.002	14.774						
11/8/2016 3:25:00 AM	455100.000	12.212	17.692	27.835	6013.260	6988.741	3.874	4752.345
166.299	1.002	14.774						
11/8/2016 3:30:00 AM	455400.000	12.208	17.692	27.825	6012.813	6988.261	3.874	4752.018
166.311	1.002	14.773						
11/8/2016 3:35:00 AM	455700.000	12.209	17.693	27.828	6013.771	6989.240	3.874	4752.683
166.285	1.002	14.773						
11/8/2016 3:40:00 AM	456000.000	12.209	17.693	27.828	6015.199	6990.939	3.875	4753.838
166.246	1.002	14.772						
11/8/2016 3:45:00 AM	456300.000	12.215	17.693	27.842	6015.295	6991.038	3.875	4753.906
166.243	1.002	14.772						
11/8/2016 3:50:00 AM	456600.000	12.214	17.692	27.839	6016.222	6992.184	3.876	4754.686
166.217	1.002	14.773						
11/8/2016 3:55:00 AM	456900.000	12.214	17.693	27.838	6017.888	6994.039	3.877	4755.947
166.171	1.002	14.773						
11/8/2016 4:00:00 AM	457200.000	12.213	17.692	27.837	6018.336	6994.612	3.877	4756.337
166.159	1.002	14.774						
11/8/2016 4:05:00 AM	457500.000	12.213	17.692	27.838	6018.543	6994.868	3.878	4756.510
166.153	1.002	14.773						
11/8/2016 4:10:00 AM	457800.000	12.215	17.692	27.841	6018.046	6994.315	3.877	4756.135
166.167	1.002	14.772						
11/8/2016 4:15:00 AM	458100.000	12.216	17.692	27.843	6019.809	6996.324	3.878	4757.500
166.118	1.002	14.772						
11/8/2016 4:20:00 AM	458400.000	12.216	17.692	27.843	6019.540	6996.052	3.878	4757.315
166.126	1.002	14.773						
11/8/2016 4:25:00 AM	458700.000	12.212	17.692	27.835	6020.342	6996.944	3.879	4757.923
166.104	1.002	14.774						
11/8/2016 4:30:00 AM	459000.000	12.210	17.692	27.830	6020.360	6996.953	3.879	4757.928
166.103	1.002	14.775						
11/8/2016 4:35:00 AM	459300.000	12.216	17.692	27.844	6020.980	6997.699	3.879	4758.436
166.086	1.002	14.773						
11/8/2016 4:40:00 AM	459600.000	12.219	17.692	27.852	6022.036	6998.912	3.880	4759.261
166.057	1.002	14.771						
11/8/2016 4:45:00 AM	459900.000	12.218	17.692	27.848	6022.543	6999.490	3.880	4759.654
166.043	1.002	14.769						
11/8/2016 4:50:00 AM	460200.000	12.220	17.693	27.854	6022.316	6999.198	3.880	4759.455
166.049	1.002	14.770						
11/8/2016 4:55:00 AM	460500.000	12.221	17.692	27.855	6023.308	7000.379	3.881	4760.258
166.022	1.002	14.772						
11/8/2016 5:00:00 AM	460800.000	12.219	17.692	27.851	6023.049	7000.090	3.881	4760.062
166.029	1.002	14.773						
11/8/2016 5:05:00 AM	461100.000	12.215	17.693	27.842	6023.364	7000.429	3.881	4760.292
166.020	1.002	14.774						
11/8/2016 5:10:00 AM	461400.000	12.220	17.692	27.852	6022.961	7000.028	3.881	4760.020
166.031	1.002	14.774						
11/8/2016 5:15:00 AM	461700.000	12.221	17.693	27.855	6023.634	7000.742	3.881	4760.505
166.013	1.002	14.775						
11/8/2016 5:20:00 AM	462000.000	12.220	17.693	27.853	6024.459	7001.702	3.882	4761.158
165.990	1.002	14.776						
11/8/2016 5:25:00 AM	462300.000	12.219	17.692	27.851	6025.214	7002.594	3.882	4761.765
165.969	1.002	14.777						
11/8/2016 5:30:00 AM	462600.000	12.221	17.693	27.855	6024.573	7001.834	3.882	4761.248
165.987	1.002	14.778						
11/8/2016 5:35:00 AM	462900.000	12.220	17.692	27.854	6025.468	7002.890	3.882	4761.966
165.962	1.002	14.778						
11/8/2016 5:40:00 AM	463200.000	12.219	17.692	27.851	6025.012	7002.360	3.882	4761.605
165.975	1.002	14.779						
11/8/2016 5:45:00 AM	463500.000	12.220	17.693	27.853	6025.473	7002.825	3.882	4761.921
165.962	1.002	14.779						
11/8/2016 5:50:00 AM	463800.000	12.221	17.693	27.855	6025.988	7003.384	3.883	4762.301

165.948	1.002	14.780						
11/8/2016 5:55:00 AM	464100.000	12.219	17.692	27.852	6024.797	7002.136	3.882	4761.452
165.981	1.002	14.781						
11/8/2016 6:00:00 AM	464400.000	12.219	17.692	27.851	6025.667	7003.147	3.883	4762.140
165.957	1.002	14.782						
11/8/2016 6:05:00 AM	464700.000	12.221	17.693	27.855	6026.617	7004.183	3.883	4762.845
165.931	1.002	14.781						
11/8/2016 6:10:00 AM	465000.000	12.218	17.693	27.849	6025.997	7003.489	3.883	4762.373
165.948	1.002	14.779						
11/8/2016 6:15:00 AM	465300.000	12.224	17.692	27.863	6025.450	7002.869	3.882	4761.951
165.963	1.002	14.778						
11/8/2016 6:20:00 AM	465600.000	12.226	17.693	27.866	6025.974	7003.449	3.883	4762.346
165.948	1.002	14.778						
11/8/2016 6:25:00 AM	465900.000	12.226	17.693	27.867	6025.887	7003.321	3.883	4762.258
165.951	1.002	14.778						
11/8/2016 6:30:00 AM	466200.000	12.223	17.693	27.861	6026.965	7004.559	3.883	4763.100
165.921	1.002	14.777						
11/8/2016 6:35:00 AM	466500.000	12.225	17.693	27.865	6026.761	7004.351	3.883	4762.958
165.927	1.002	14.779						
11/8/2016 6:40:00 AM	466800.000	12.218	17.692	27.849	6025.146	7002.526	3.882	4761.718
165.971	1.002	14.781						
11/8/2016 6:45:00 AM	467100.000	12.222	17.692	27.857	6021.448	6998.217	3.880	4758.788
166.073	1.002	14.783						
11/8/2016 6:50:00 AM	467400.000	12.219	17.692	27.852	6011.969	6987.252	3.873	4751.332
166.335	1.002	14.786						
11/8/2016 6:55:00 AM	467700.000	12.218	17.693	27.848	5995.465	6967.924	3.862	4738.189
166.793	1.002	14.789						
11/8/2016 7:00:00 AM	468000.000	12.217	17.693	27.847	5978.911	6948.630	3.850	4725.068
167.255	1.002	14.791						
11/8/2016 7:05:00 AM	468300.000	12.215	17.693	27.843	5964.240	6931.674	3.840	4713.538
167.666	1.002	14.790						
11/8/2016 7:10:00 AM	468600.000	12.217	17.693	27.846	5950.805	6916.060	3.831	4702.920
168.044	1.002	14.789						
11/8/2016 7:15:00 AM	468900.000	12.225	17.692	27.864	5937.578	6900.768	3.822	4692.522
168.419	1.002	14.788						
11/8/2016 7:20:00 AM	469200.000	12.225	17.693	27.864	5927.109	6888.494	3.815	4684.176
168.716	1.002	14.788						
11/8/2016 7:25:00 AM	469500.000	12.225	17.693	27.864	5917.264	6877.064	3.808	4676.404
168.997	1.002	14.788						
11/8/2016 7:30:00 AM	469800.000	12.224	17.693	27.862	5907.156	6865.331	3.801	4668.425
169.286	1.002	14.788						
11/8/2016 7:35:00 AM	470100.000	12.226	17.693	27.866	5897.678	6854.354	3.794	4660.961
169.558	1.002	14.789						
11/8/2016 7:40:00 AM	470400.000	12.219	17.693	27.852	5889.458	6844.788	3.789	4654.456
169.795	1.002	14.790						
11/8/2016 7:45:00 AM	470700.000	12.223	17.693	27.860	5881.824	6835.851	3.783	4648.379
170.015	1.002	14.791						
11/8/2016 7:50:00 AM	471000.000	12.222	17.693	27.858	5872.998	6825.565	3.777	4641.385
170.271	1.002	14.794						
11/8/2016 7:55:00 AM	471300.000	12.220	17.693	27.853	5865.377	6816.722	3.772	4635.371
170.492	1.002	14.797						
11/8/2016 8:00:00 AM	471600.000	12.219	17.693	27.852	5858.801	6809.118	3.768	4630.200
170.683	1.002	14.800						
11/8/2016 8:05:00 AM	471900.000	12.215	17.693	27.842	5851.313	6800.351	3.762	4624.239
170.902	1.002	14.800						
11/8/2016 8:10:00 AM	472200.000	12.220	17.693	27.854	5844.521	6792.521	3.758	4618.915
171.100	1.002	14.800						
11/8/2016 8:15:00 AM	472500.000	12.221	17.693	27.855	5837.515	6784.355	3.753	4613.361
171.306	1.002	14.800						
11/8/2016 8:20:00 AM	472800.000	12.220	17.693	27.853	5832.959	6779.021	3.750	4609.734
171.440	1.002	14.802						
11/8/2016 8:25:00 AM	473100.000	12.218	17.693	27.849	5823.988	6768.646	3.744	4602.679
171.704	1.002	14.804						
11/8/2016 8:30:00 AM	473400.000	12.218	17.693	27.847	5819.514	6763.434	3.741	4599.135
171.836	1.002	14.806						
11/8/2016 8:35:00 AM	473700.000	12.219	17.693	27.850	5813.690	6756.730	3.737	4594.577
172.008	1.002	14.804						
11/8/2016 8:40:00 AM	474000.000	12.221	17.693	27.855	5807.927	6749.980	3.733	4589.986
172.178	1.002	14.802						
11/8/2016 8:45:00 AM	474300.000	12.224	17.693	27.862	5803.105	6744.441	3.729	4586.220
172.322	1.002	14.800						
11/8/2016 8:50:00 AM	474600.000	12.215	17.693	27.842	5796.616	6736.834	3.725	4581.047
172.514	1.002	14.803						
11/8/2016 8:55:00 AM	474900.000	12.218	17.693	27.848	5791.882	6731.320	3.722	4577.298
172.655	1.002	14.805						
11/8/2016 9:00:00 AM	475200.000	12.216	17.693	27.843	5787.415	6726.153	3.719	4573.784
172.789	1.001	14.807						
11/8/2016 9:05:00 AM	475500.000	12.216	17.693	27.844	5781.478	6719.267	3.715	4569.102
172.966	1.001	14.807						
11/8/2016 9:10:00 AM	475800.000	12.215	17.693	27.842	5777.781	6714.918	3.712	4566.145
173.077	1.001	14.807						
11/8/2016 9:15:00 AM	476100.000	12.216	17.693	27.845	5773.524	6710.009	3.709	4562.807
173.204	1.001	14.807						
11/8/2016 9:20:00 AM	476400.000	12.215	17.693	27.841	5768.104	6703.724	3.705	4558.532
173.367	1.001	14.806						
11/8/2016 9:25:00 AM	476700.000	12.214	17.693	27.840	5763.798	6698.693	3.702	4555.111
173.497	1.001	14.806						
11/8/2016 9:30:00 AM	477000.000	12.215	17.693	27.842	5759.396	6693.526	3.699	4551.599
173.629	1.001	14.806						
11/8/2016 9:35:00 AM	477300.000	12.216	17.693	27.844	5755.604	6689.158	3.697	4548.628
173.744	1.001	14.804						
11/8/2016 9:40:00 AM	477600.000	12.217	17.693	27.846	5750.803	6683.590	3.694	4544.841
173.889	1.001	14.803						
11/8/2016 9:45:00 AM	477900.000	12.217	17.693	27.847	5747.585	6679.850	3.691	4542.299
173.986	1.001	14.802						
11/8/2016 9:50:00 AM	478200.000	12.219	17.693	27.850	5743.864	6675.514	3.689	4539.350
174.099	1.001	14.801						
11/8/2016 9:55:00 AM	478500.000	12.219	17.693	27.850	5740.473	6671.546	3.686	4536.651
174.202	1.001	14.801						
11/8/2016 10:00:00 AM	478800.000	12.213	17.693	27.837	5736.863	6667.363	3.684	4533.807
174.311	1.001	14.800						
11/8/2016 10:05:00 AM	479100.000	12.218	17.693	27.849	5733.320	6663.272	3.682	4531.025
174.419	1.001	14.800						
11/8/2016 10:10:00 AM	479400.000	12.218	17.693	27.848	5730.395	6659.912	3.680	4528.740
174.508	1.001	14.800						
11/8/2016 10:15:00 AM	479700.000	12.216	17.693	27.844	5727.013	6655.941	3.677	4526.040
174.611	1.001	14.800						
11/8/2016 10:20:00 AM	480000.000	12.216	17.693	27.844	5724.329	6652.796	3.675	4523.901
174.693	1.001	14.800						
11/8/2016 10:25:00 AM	480300.000	12.211	17.693	27.834	5721.203	6649.163	3.673	4521.432
174.788	1.001	14.801						
11/8/2016 10:30:00 AM	480600.000	12.214	17.693	27.840	5717.778	6645.170	3.671	4518.716
174.893	1.001	14.801						
11/8/2016 10:35:00 AM	480900.000	12.215	17.693	27.841	5715.603	6642.642	3.669	4516.997
174.960	1.001	14.800						
11/8/2016 10:40:00 AM	481200.000	12.215	17.693	27.843	5711.955	6638.415	3.667	4514.123
175.071	1.001	14.798						
11/8/2016 10:45:00 AM	481500.000	12.217	17.693	27.845	5709.153	6635.249	3.665	4511.970
175.157	1.001	14.796						
11/8/2016 10:50:00 AM	481800.000	12.214	17.693	27.840	5707.315	6633.113	3.664	4510.517
175.214	1.001	14.796						
11/8/2016 10:55:00 AM	482100.000	12.213	17.693	27.837	5705.474	6630.948	3.662	4509.045
175.270	1.001	14.796						
11/8/2016 11:00:00 AM	482400.000	12.209	17.693	27.828	5703.956	6629.157	3.661	4507.827
175.317	1.001	14.797						
11/8/2016 11:05:00 AM	482700.000	12.214	17.693	27.839	5702.182	6627.083	3.660	4506.417
175.371	1.001	14.794						
11/8/2016 11:10:00 AM	483000.000	12.216	17.693	27.844	5701.034	6625.813	3.659	4505.553
175.407	1.001	14.792						
11/8/2016 11:15:00 AM	483300.000	12.216	17.693	27.843	5698.754	6623.099	3.658	4503.708
175.477	1.001	14.790						
11/8/2016 11:20:00 AM	483600.000	12.214	17.693	27.840	5696.180	6620.107	3.656	4501.673
175.556	1.001	14.789						

11/8/2016 11:25:00 AM	483900.000	12.211	17.693	27.833	5695.331	6619.172	3.655	4501.037
175.582	1.001	14.788						
11/8/2016 11:30:00 AM	484200.000	12.216	17.693	27.843	5694.715	6618.405	3.655	4500.516
175.601	1.001	14.788						
11/8/2016 11:35:00 AM	484500.000	12.210	17.692	27.831	5692.640	6616.072	3.654	4498.930
175.665	1.001	14.788						
11/8/2016 11:40:00 AM	484800.000	12.213	17.693	27.837	5691.583	6614.817	3.653	4498.076
175.698	1.001	14.788						
11/8/2016 11:45:00 AM	485100.000	12.211	17.693	27.834	5690.228	6613.189	3.652	4496.969
175.740	1.001	14.789						
11/8/2016 11:50:00 AM	485400.000	12.213	17.693	27.837	5688.924	6611.663	3.651	4495.931
175.780	1.001	14.786						
11/8/2016 11:55:00 AM	485700.000	12.213	17.693	27.838	5687.595	6610.104	3.650	4494.871
175.821	1.001	14.784						
11/8/2016 12:00:00 PM	486000.000	12.210	17.692	27.830	5686.966	6609.501	3.650	4494.461
175.841	1.001	14.781						
11/8/2016 12:05:00 PM	486300.000	12.210	17.693	27.830	5685.834	6608.135	3.649	4493.532
175.876	1.001	14.782						
11/8/2016 12:10:00 PM	486600.000	12.213	17.693	27.838	5684.234	6606.250	3.648	4492.250
175.925	1.001	14.783						
11/8/2016 12:15:00 PM	486900.000	12.213	17.692	27.836	5683.566	6605.564	3.647	4491.784
175.946	1.001	14.784						
11/8/2016 12:20:00 PM	487200.000	12.206	17.693	27.822	5682.485	6604.231	3.647	4490.877
175.979	1.001	14.782						
11/8/2016 12:25:00 PM	487500.000	12.213	17.693	27.836	5681.780	6603.424	3.646	4490.328
176.001	1.001	14.781						
11/8/2016 12:30:00 PM	487800.000	12.212	17.693	27.836	5680.756	6602.182	3.645	4489.484
176.033	1.001	14.780						
11/8/2016 12:35:00 PM	488100.000	12.211	17.692	27.834	5679.713	6601.048	3.645	4488.713
176.065	1.001	14.780						
11/8/2016 12:40:00 PM	488400.000	12.214	17.693	27.840	5679.155	6600.385	3.644	4488.262
176.083	1.001	14.781						
11/8/2016 12:45:00 PM	488700.000	12.211	17.693	27.832	5678.416	6599.474	3.644	4487.643
176.105	1.001	14.781						
11/8/2016 12:50:00 PM	489000.000	12.207	17.692	27.824	5678.134	6599.212	3.644	4487.464
176.114	1.001	14.781						
11/8/2016 12:55:00 PM	489300.000	12.205	17.693	27.820	5677.408	6598.330	3.643	4486.865
176.137	1.001	14.780						
11/8/2016 1:00:00 PM	489600.000	12.208	17.692	27.827	5676.815	6597.680	3.643	4486.422
176.155	1.001	14.780						
11/8/2016 1:05:00 PM	489900.000	12.212	17.693	27.834	5675.038	6595.511	3.642	4484.948
176.210	1.001	14.777						
11/8/2016 1:10:00 PM	490200.000	12.211	17.692	27.833	5674.133	6594.587	3.641	4484.320
176.238	1.001	14.775						
11/8/2016 1:15:00 PM	490500.000	12.209	17.692	27.827	5674.228	6594.673	3.641	4484.378
176.235	1.001	14.773						
11/8/2016 1:20:00 PM	490800.000	12.212	17.693	27.836	5672.793	6592.991	3.640	4483.234
176.280	1.001	14.774						
11/8/2016 1:25:00 PM	491100.000	12.210	17.692	27.830	5673.498	6593.825	3.641	4483.801
176.258	1.001	14.775						
11/8/2016 1:30:00 PM	491400.000	12.208	17.693	27.826	5672.907	6593.059	3.640	4483.281
176.276	1.001	14.776						
11/8/2016 1:35:00 PM	491700.000	12.203	17.693	27.814	5672.661	6592.813	3.640	4483.113
176.284	1.001	14.774						
11/8/2016 1:40:00 PM	492000.000	12.203	17.692	27.815	5672.424	6592.587	3.640	4482.960
176.291	1.001	14.773						
11/8/2016 1:45:00 PM	492300.000	12.210	17.693	27.829	5671.465	6591.423	3.639	4482.168
176.321	1.001	14.771						
11/8/2016 1:50:00 PM	492600.000	12.208	17.693	27.825	5671.855	6591.888	3.639	4482.484
176.309	1.001	14.772						
11/8/2016 1:55:00 PM	492900.000	12.207	17.692	27.823	5671.991	6592.074	3.640	4482.611
176.305	1.001	14.773						
11/8/2016 2:00:00 PM	493200.000	12.202	17.692	27.811	5672.089	6592.198	3.640	4482.695
176.302	1.001	14.775						
11/8/2016 2:05:00 PM	493500.000	12.203	17.692	27.815	5670.943	6590.855	3.639	4481.782
176.338	1.001	14.773						
11/8/2016 2:10:00 PM	493800.000	12.209	17.693	27.829	5672.188	6592.264	3.640	4482.739
176.299	1.001	14.771						
11/8/2016 2:15:00 PM	494100.000	12.209	17.693	27.829	5671.104	6591.015	3.639	4481.890
176.333	1.001	14.769						
11/8/2016 2:20:00 PM	494400.000	12.206	17.692	27.821	5672.559	6592.771	3.640	4483.084
176.287	1.001	14.769						
11/8/2016 2:25:00 PM	494700.000	12.209	17.692	27.827	5672.701	6592.909	3.640	4483.179
176.283	1.001	14.769						
11/8/2016 2:30:00 PM	495000.000	12.204	17.692	27.817	5672.092	6592.191	3.640	4482.690
176.302	1.001	14.769						
11/8/2016 2:35:00 PM	495300.000	12.206	17.692	27.821	5672.020	6592.118	3.640	4482.641
176.304	1.001	14.772						
11/8/2016 2:40:00 PM	495600.000	12.202	17.693	27.811	5672.607	6592.737	3.640	4483.062
176.286	1.001	14.776						
11/8/2016 2:45:00 PM	495900.000	12.199	17.693	27.805	5672.047	6592.111	3.640	4482.636
176.303	1.001	14.779						
11/8/2016 2:50:00 PM	496200.000	12.195	17.692	27.796	5672.621	6592.806	3.640	4483.108
176.285	1.001	14.778						
11/8/2016 2:55:00 PM	496500.000	12.199	17.692	27.805	5673.233	6593.542	3.640	4483.609
176.266	1.001	14.777						
11/8/2016 3:00:00 PM	496800.000	12.201	17.692	27.809	5673.428	6593.782	3.641	4483.772
176.260	1.001	14.776						
11/8/2016 3:05:00 PM	497100.000	12.204	17.692	27.816	5673.094	6593.380	3.640	4483.499
176.271	1.001	14.772						
11/8/2016 3:10:00 PM	497400.000	12.202	17.693	27.811	5673.080	6593.324	3.640	4483.460
176.271	1.001	14.769						
11/8/2016 3:15:00 PM	497700.000	12.211	17.693	27.832	5673.275	6593.539	3.640	4483.607
176.265	1.001	14.766						
11/8/2016 3:20:00 PM	498000.000	12.208	17.693	27.827	5673.051	6593.227	3.640	4483.394
176.272	1.001	14.766						
11/8/2016 3:25:00 PM	498300.000	12.207	17.693	27.824	5673.724	6594.061	3.641	4483.961
176.251	1.001	14.767						
11/8/2016 3:30:00 PM	498600.000	12.206	17.693	27.822	5673.099	6593.232	3.640	4483.398
176.270	1.001	14.767						
11/8/2016 3:35:00 PM	498900.000	12.205	17.692	27.819	5674.623	6595.157	3.641	4484.707
176.223	1.001	14.769						
11/8/2016 3:40:00 PM	499200.000	12.202	17.693	27.813	5674.530	6594.997	3.641	4484.598
176.226	1.001	14.772						
11/8/2016 3:45:00 PM	499500.000	12.199	17.693	27.806	5675.249	6595.833	3.642	4485.167
176.204	1.001	14.774						
11/8/2016 3:50:00 PM	499800.000	12.202	17.693	27.811	5674.669	6595.159	3.641	4484.708
176.222	1.001	14.772						
11/8/2016 3:55:00 PM	500100.000	12.205	17.692	27.819	5676.150	6596.969	3.642	4485.939
176.176	1.001	14.770						
11/8/2016 4:00:00 PM	500400.000	12.206	17.693	27.821	5675.958	6596.631	3.642	4485.709
176.182	1.001	14.767						
11/8/2016 4:05:00 PM	500700.000	12.205	17.693	27.819	5676.255	6597.002	3.642	4485.962
176.172	1.001	14.768						
11/8/2016 4:10:00 PM	501000.000	12.200	17.693	27.808	5676.917	6597.745	3.643	4486.467
176.152	1.001	14.768						
11/8/2016 4:15:00 PM	501300.000	12.200	17.693	27.809	5676.987	6597.866	3.643	4486.549
176.150	1.001	14.768						
11/8/2016 4:20:00 PM	501600.000	12.198	17.693	27.802	5678.186	6599.169	3.644	4487.436
176.113	1.001	14.769						
11/8/2016 4:25:00 PM	501900.000	12.203	17.693	27.814	5678.662	6599.799	3.644	4487.864
176.098	1.001	14.770						
11/8/2016 4:30:00 PM	502200.000	12.195	17.693	27.797	5678.359	6599.422	3.644	4487.607
176.107	1.001	14.771						
11/8/2016 4:35:00 PM	502500.000	12.198	17.693	27.803	5678.796	6599.943	3.644	4487.962
176.094	1.001	14.773						
11/8/2016 4:40:00 PM	502800.000	12.192	17.692	27.789	5679.888	6601.301	3.645	4488.885
176.060	1.001	14.775						
11/8/2016 4:45:00 PM	503100.000	12.190	17.693	27.784	5679.809	6601.120	3.645	4488.762
176.062	1.001	14.777						
11/8/2016 4:50:00 PM	503400.000	12.197	17.692	27.802	5679.863	6601.234	3.645	4488.839
176.061	1.001	14.775						
11/8/2016 4:55:00 PM	503700.000	12.199	17.693	27.806	5680.375	6601.778	3.645	4489.209

176.045	1.001	14.773						
11/8/2016 5:00:00 PM	504000.000	12.198	17.693	27.803	5680.805	6602.277	3.646	4489.549
176.031	1.001	14.771						
11/8/2016 5:05:00 PM	504300.000	12.200	17.692	27.808	5680.157	6601.564	3.645	4489.064
176.051	1.001	14.771						
11/8/2016 5:10:00 PM	504600.000	12.198	17.693	27.804	5681.515	6603.116	3.646	4490.119
176.009	1.001	14.772						
11/8/2016 5:15:00 PM	504900.000	12.194	17.693	27.794	5680.644	6602.091	3.645	4489.422
176.036	1.001	14.772						
11/8/2016 5:20:00 PM	505200.000	12.196	17.692	27.799	5680.690	6602.194	3.645	4489.492
176.035	1.001	14.771						
11/8/2016 5:25:00 PM	505500.000	12.202	17.693	27.813	5681.895	6603.493	3.646	4490.375
175.998	1.001	14.770						
11/8/2016 5:30:00 PM	505800.000	12.202	17.692	27.813	5681.221	6602.849	3.646	4489.938
176.019	1.001	14.769						
11/8/2016 5:35:00 PM	506100.000	12.201	17.693	27.810	5682.892	6604.716	3.647	4491.207
175.967	1.001	14.771						
11/8/2016 5:40:00 PM	506400.000	12.193	17.692	27.791	5683.667	6605.643	3.648	4491.837
175.943	1.001	14.773						
11/8/2016 5:45:00 PM	506700.000	12.198	17.693	27.802	5683.804	6605.788	3.648	4491.936
175.939	1.001	14.775						
11/8/2016 5:50:00 PM	507000.000	12.197	17.692	27.801	5683.331	6605.253	3.647	4491.572
175.953	1.001	14.776						
11/8/2016 5:55:00 PM	507300.000	12.192	17.693	27.789	5684.714	6606.821	3.648	4492.639
175.910	1.001	14.777						
11/8/2016 6:00:00 PM	507600.000	12.196	17.692	27.799	5683.570	6605.530	3.647	4491.761
175.946	1.001	14.777						
11/8/2016 6:05:00 PM	507900.000	12.199	17.693	27.805	5685.610	6607.887	3.649	4493.363
175.883	1.001	14.776						
11/8/2016 6:10:00 PM	508200.000	12.201	17.693	27.810	5685.394	6607.597	3.649	4493.167
175.889	1.001	14.774						
11/8/2016 6:15:00 PM	508500.000	12.197	17.692	27.801	5685.247	6607.480	3.649	4493.087
175.894	1.001	14.772						
11/8/2016 6:20:00 PM	508800.000	12.195	17.693	27.796	5685.748	6608.047	3.649	4493.472
175.878	1.001	14.774						
11/8/2016 6:25:00 PM	509100.000	12.197	17.692	27.800	5685.762	6608.116	3.649	4493.519
175.878	1.001	14.775						
11/8/2016 6:30:00 PM	509400.000	12.196	17.692	27.798	5686.349	6608.760	3.649	4493.957
175.860	1.001	14.777						
11/8/2016 6:35:00 PM	509700.000	12.190	17.692	27.785	5685.707	6608.063	3.649	4493.483
175.880	1.001	14.779						
11/8/2016 6:40:00 PM	510000.000	12.195	17.693	27.795	5686.694	6609.135	3.650	4494.212
175.849	1.001	14.780						
11/8/2016 6:45:00 PM	510300.000	12.189	17.693	27.782	5687.191	6609.725	3.650	4494.614
175.834	1.001	14.781						
11/8/2016 6:50:00 PM	510600.000	12.193	17.693	27.792	5687.076	6609.590	3.650	4494.521
175.837	1.001	14.781						
11/8/2016 6:55:00 PM	510900.000	12.194	17.692	27.794	5687.304	6609.871	3.650	4494.712
175.830	1.001	14.781						
11/8/2016 7:00:00 PM	511200.000	12.189	17.693	27.782	5688.870	6611.585	3.651	4495.878
175.782	1.001	14.781						
11/8/2016 7:05:00 PM	511500.000	12.194	17.692	27.793	5688.612	6611.415	3.651	4495.762
175.790	1.001	14.781						
11/8/2016 7:10:00 PM	511800.000	12.194	17.693	27.795	5688.691	6611.443	3.651	4495.782
175.787	1.001	14.781						
11/8/2016 7:15:00 PM	512100.000	12.191	17.693	27.787	5688.979	6611.778	3.651	4496.009
175.778	1.001	14.781						
11/8/2016 7:20:00 PM	512400.000	12.191	17.692	27.788	5689.119	6611.990	3.651	4496.153
175.774	1.001	14.782						
11/8/2016 7:25:00 PM	512700.000	12.190	17.692	27.785	5689.436	6612.410	3.651	4496.439
175.764	1.001	14.783						
11/8/2016 7:30:00 PM	513000.000	12.194	17.693	27.795	5689.276	6612.136	3.651	4496.252
175.769	1.001	14.784						
11/8/2016 7:35:00 PM	513300.000	12.188	17.693	27.780	5689.602	6612.526	3.652	4496.518
175.759	1.001	14.785						
11/8/2016 7:40:00 PM	513600.000	12.188	17.692	27.780	5691.184	6614.428	3.653	4497.812
175.710	1.001	14.785						
11/8/2016 7:45:00 PM	513900.000	12.187	17.693	27.777	5690.622	6613.699	3.652	4497.315
175.728	1.001	14.786						
11/8/2016 7:50:00 PM	514200.000	12.193	17.692	27.791	5690.866	6614.048	3.652	4497.553
175.720	1.001	14.786						
11/8/2016 7:55:00 PM	514500.000	12.194	17.692	27.793	5691.510	6614.758	3.653	4498.036
175.700	1.001	14.786						
11/8/2016 8:00:00 PM	514800.000	12.192	17.693	27.789	5691.669	6614.904	3.653	4498.135
175.695	1.001	14.786						
11/8/2016 8:05:00 PM	515100.000	12.192	17.693	27.790	5692.586	6615.982	3.654	4498.869
175.667	1.001	14.787						
11/8/2016 8:10:00 PM	515400.000	12.187	17.693	27.777	5691.355	6614.513	3.653	4497.869
175.705	1.001	14.788						
11/8/2016 8:15:00 PM	515700.000	12.191	17.692	27.787	5692.029	6615.387	3.653	4498.463
175.684	1.001	14.789						
11/8/2016 8:20:00 PM	516000.000	12.190	17.693	27.784	5692.549	6615.899	3.654	4498.812
175.668	1.001	14.788						
11/8/2016 8:25:00 PM	516300.000	12.187	17.693	27.779	5694.689	6618.438	3.655	4500.539
175.602	1.001	14.787						
11/8/2016 8:30:00 PM	516600.000	12.189	17.692	27.782	5694.300	6618.026	3.655	4500.258
175.614	1.001	14.785						
11/8/2016 8:35:00 PM	516900.000	12.190	17.692	27.785	5695.100	6618.955	3.655	4500.890
175.590	1.001	14.788						
11/8/2016 8:40:00 PM	517200.000	12.187	17.692	27.777	5695.783	6619.735	3.656	4501.420
175.568	1.001	14.791						
11/8/2016 8:45:00 PM	517500.000	12.180	17.692	27.763	5694.516	6618.263	3.655	4500.419
175.608	1.001	14.794						
11/8/2016 8:50:00 PM	517800.000	12.186	17.693	27.776	5696.477	6620.452	3.656	4501.908
175.547	1.001	14.792						
11/8/2016 8:55:00 PM	518100.000	12.187	17.692	27.778	5695.016	6618.872	3.655	4500.833
175.592	1.001	14.791						
11/8/2016 9:00:00 PM	518400.000	12.191	17.692	27.786	5695.639	6619.558	3.656	4501.299
175.573	1.001	14.789						
11/8/2016 9:05:00 PM	518700.000	12.192	17.693	27.789	5697.148	6621.297	3.657	4502.482
175.526	1.001	14.788						
11/8/2016 9:10:00 PM	519000.000	12.195	17.692	27.795	5697.628	6621.932	3.657	4502.915
175.512	1.001	14.786						
11/8/2016 9:15:00 PM	519300.000	12.194	17.693	27.793	5697.702	6621.940	3.657	4502.919
175.509	1.001	14.785						
11/8/2016 9:20:00 PM	519600.000	12.190	17.692	27.784	5700.851	6625.639	3.659	4505.435
175.412	1.001	14.788						
11/8/2016 9:25:00 PM	519900.000	12.195	17.692	27.796	5714.548	6641.544	3.669	4516.250
174.992	1.001	14.790						
11/8/2016 9:30:00 PM	520200.000	12.190	17.692	27.784	5735.424	6665.898	3.683	4532.811
174.355	1.001	14.792						
11/8/2016 9:35:00 PM	520500.000	12.192	17.692	27.789	5752.937	6686.161	3.695	4546.590
173.824	1.001	14.793						
11/8/2016 9:40:00 PM	520800.000	12.191	17.692	27.786	5767.094	6702.628	3.705	4557.788
173.398	1.001	14.793						
11/8/2016 9:45:00 PM	521100.000	12.193	17.692	27.793	5781.213	6719.089	3.714	4568.981
172.974	1.001	14.794						
11/8/2016 9:50:00 PM	521400.000	12.189	17.692	27.783	5792.937	6732.742	3.723	4578.264
172.624	1.002	14.795						
11/8/2016 9:55:00 PM	521700.000	12.186	17.693	27.775	5803.691	6745.110	3.730	4586.675
172.304	1.002	14.796						
11/8/2016 10:00:00 PM	522000.000	12.190	17.692	27.784	5813.670	6756.799	3.737	4594.623
172.008	1.002	14.797						
11/8/2016 10:05:00 PM	522300.000	12.189	17.692	27.783	5822.876	6767.498	3.743	4601.899
171.736	1.002	14.797						
11/8/2016 10:10:00 PM	522600.000	12.190	17.692	27.786	5832.152	6778.240	3.749	4609.203
171.463	1.002	14.796						
11/8/2016 10:15:00 PM	522900.000	12.191	17.692	27.787	5839.118	6786.387	3.754	4614.743
171.259	1.002	14.796						
11/8/2016 10:20:00 PM	523200.000	12.193	17.692	27.791	5846.973	6795.491	3.760	4620.934
171.029	1.002	14.796						
11/8/2016 10:25:00 PM	523500.000	12.191	17.692	27.787	5853.997	6803.653	3.764	4626.484
170.823	1.002	14.796						

11/8/2016 10:30:00 PM	523800.000	12.187	17.692	27.778	5860.313	6811.034	3.769	4631.503
170.639	1.002	14.796						
11/8/2016 10:35:00 PM	524100.000	12.188	17.692	27.781	5866.714	6818.514	3.773	4636.590
170.453	1.002	14.799						
11/8/2016 10:40:00 PM	524400.000	12.182	17.692	27.766	5874.426	6827.411	3.778	4642.640
170.229	1.002	14.802						
11/8/2016 10:45:00 PM	524700.000	12.184	17.692	27.772	5879.903	6833.762	3.782	4646.959
170.071	1.002	14.805						
11/8/2016 10:50:00 PM	525000.000	12.185	17.692	27.774	5886.289	6841.264	3.787	4652.060
169.886	1.002	14.803						
11/8/2016 10:55:00 PM	525300.000	12.184	17.692	27.771	5892.161	6848.035	3.791	4656.665
169.717	1.002	14.801						
11/8/2016 11:00:00 PM	525600.000	12.190	17.692	27.785	5897.180	6853.869	3.794	4660.631
169.573	1.002	14.799						
11/8/2016 11:05:00 PM	525900.000	12.188	17.692	27.780	5903.306	6860.950	3.798	4665.446
169.397	1.002	14.798						
11/8/2016 11:10:00 PM	526200.000	12.194	17.692	27.795	5907.629	6866.000	3.801	4668.880
169.273	1.002	14.796						
11/8/2016 11:15:00 PM	526500.000	12.195	17.692	27.796	5911.342	6870.301	3.804	4671.805
169.166	1.002	14.795						
11/8/2016 11:20:00 PM	526800.000	12.196	17.692	27.799	5917.454	6877.444	3.808	4676.663
168.992	1.002	14.794						
11/8/2016 11:25:00 PM	527100.000	12.197	17.692	27.802	5920.796	6881.329	3.810	4679.304
168.896	1.002	14.792						
11/8/2016 11:30:00 PM	527400.000	12.197	17.692	27.802	5926.056	6887.457	3.814	4683.471
168.746	1.002	14.791						
11/8/2016 11:35:00 PM	527700.000	12.189	17.692	27.783	5930.273	6892.371	3.817	4686.813
168.626	1.002	14.792						
11/8/2016 11:40:00 PM	528000.000	12.188	17.692	27.780	5933.711	6896.355	3.819	4689.522
168.529	1.002	14.793						
11/8/2016 11:45:00 PM	528300.000	12.188	17.692	27.780	5938.034	6901.351	3.822	4692.919
168.406	1.002	14.795						
11/8/2016 11:50:00 PM	528600.000	12.193	17.692	27.793	5942.173	6906.201	3.825	4696.217
168.289	1.002	14.791						
11/8/2016 11:55:00 PM	528900.000	12.198	17.692	27.804	5945.021	6909.539	3.827	4698.486
168.208	1.002	14.788						
11/9/2016 12:00:00 AM	529200.000	12.198	17.692	27.802	5950.134	6915.467	3.831	4702.518
168.063	1.002	14.784						
11/9/2016 12:05:00 AM	529500.000	12.197	17.692	27.801	5953.073	6918.842	3.833	4704.813
167.980	1.002	14.785						
11/9/2016 12:10:00 AM	529800.000	12.196	17.692	27.797	5956.873	6923.246	3.835	4707.808
167.873	1.002	14.785						
11/9/2016 12:15:00 AM	530100.000	12.197	17.691	27.802	5959.593	6926.527	3.837	4710.038
167.797	1.002	14.786						
11/9/2016 12:20:00 AM	530400.000	12.191	17.692	27.786	5963.769	6931.233	3.840	4713.239
167.679	1.002	14.787						
11/9/2016 12:25:00 AM	530700.000	12.195	17.692	27.797	5966.731	6934.704	3.842	4715.599
167.596	1.002	14.788						
11/9/2016 12:30:00 AM	531000.000	12.189	17.692	27.783	5969.431	6937.788	3.844	4717.696
167.520	1.002	14.789						
11/9/2016 12:35:00 AM	531300.000	12.196	17.692	27.798	5971.445	6940.182	3.845	4719.324
167.464	1.002	14.788						
11/9/2016 12:40:00 AM	531600.000	12.198	17.692	27.804	5974.242	6943.445	3.847	4721.543
167.385	1.002	14.787						
11/9/2016 12:45:00 AM	531900.000	12.195	17.692	27.796	5977.463	6947.124	3.849	4724.044
167.295	1.002	14.786						
11/9/2016 12:50:00 AM	532200.000	12.201	17.692	27.809	5980.902	6951.146	3.852	4726.779
167.199	1.002	14.784						
11/9/2016 12:55:00 AM	532500.000	12.199	17.692	27.806	5982.709	6953.206	3.853	4728.180
167.148	1.002	14.782						
11/9/2016 1:00:00 AM	532800.000	12.201	17.693	27.809	5984.952	6955.786	3.854	4729.934
167.086	1.002	14.781						
11/9/2016 1:05:00 AM	533100.000	12.204	17.692	27.816	5986.638	6957.852	3.856	4731.339
167.039	1.002	14.781						
11/9/2016 1:10:00 AM	533400.000	12.202	17.692	27.811	5988.836	6960.463	3.857	4733.115
166.977	1.002	14.782						
11/9/2016 1:15:00 AM	533700.000	12.194	17.692	27.795	5991.482	6963.469	3.859	4735.159
166.904	1.002	14.782						
11/9/2016 1:20:00 AM	534000.000	12.195	17.692	27.796	5993.509	6965.798	3.860	4736.743
166.847	1.002	14.781						
11/9/2016 1:25:00 AM	534300.000	12.200	17.692	27.809	5994.420	6966.871	3.861	4737.473
166.822	1.002	14.780						
11/9/2016 1:30:00 AM	534600.000	12.204	17.692	27.817	5997.371	6970.368	3.863	4739.851
166.740	1.002	14.779						
11/9/2016 1:35:00 AM	534900.000	12.199	17.692	27.805	6000.028	6973.334	3.865	4741.868
166.666	1.002	14.780						
11/9/2016 1:40:00 AM	535200.000	12.200	17.692	27.807	6001.027	6974.536	3.866	4742.685
166.638	1.002	14.782						
11/9/2016 1:45:00 AM	535500.000	12.202	17.692	27.812	6002.878	6976.743	3.867	4744.186
166.587	1.002	14.783						
11/9/2016 1:50:00 AM	535800.000	12.197	17.693	27.800	6003.769	6977.655	3.867	4744.805
166.562	1.002	14.783						
11/9/2016 1:55:00 AM	536100.000	12.203	17.692	27.815	6005.327	6979.493	3.868	4746.056
166.519	1.002	14.782						
11/9/2016 2:00:00 AM	536400.000	12.203	17.692	27.815	6006.381	6980.826	3.869	4746.961
166.490	1.002	14.782						
11/9/2016 2:05:00 AM	536700.000	12.205	17.692	27.820	6008.244	6982.912	3.871	4748.380
166.438	1.002	14.782						
11/9/2016 2:10:00 AM	537000.000	12.203	17.692	27.815	6009.780	6984.709	3.872	4749.603
166.395	1.002	14.783						
11/9/2016 2:15:00 AM	537300.000	12.198	17.692	27.804	6011.206	6986.380	3.873	4750.739
166.356	1.002	14.783						
11/9/2016 2:20:00 AM	537600.000	12.199	17.692	27.805	6012.565	6987.934	3.873	4751.795
166.318	1.002	14.782						
11/9/2016 2:25:00 AM	537900.000	12.203	17.692	27.814	6012.897	6988.305	3.874	4752.047
166.309	1.002	14.782						
11/9/2016 2:30:00 AM	538200.000	12.204	17.692	27.817	6014.112	6989.771	3.875	4753.044
166.276	1.002	14.781						
11/9/2016 2:35:00 AM	538500.000	12.204	17.692	27.817	6015.788	6991.747	3.876	4754.388
166.229	1.002	14.781						
11/9/2016 2:40:00 AM	538800.000	12.205	17.693	27.818	6015.410	6991.144	3.875	4753.978
166.240	1.002	14.781						
11/9/2016 2:45:00 AM	539100.000	12.202	17.692	27.812	6016.618	6992.629	3.876	4754.989
166.206	1.002	14.781						
11/9/2016 2:50:00 AM	539400.000	12.203	17.692	27.814	6017.034	6993.087	3.877	4755.300
166.195	1.002	14.781						
11/9/2016 2:55:00 AM	539700.000	12.198	17.692	27.804	6018.585	6994.902	3.878	4756.534
166.152	1.002	14.781						
11/9/2016 3:00:00 AM	540000.000	12.206	17.692	27.821	6019.726	6996.241	3.878	4757.444
166.121	1.002	14.781						
11/9/2016 3:05:00 AM	540300.000	12.201	17.692	27.810	6020.611	6997.286	3.879	4758.154
166.096	1.002	14.779						
11/9/2016 3:10:00 AM	540600.000	12.207	17.692	27.823	6021.290	6998.113	3.880	4758.717
166.077	1.002	14.777						
11/9/2016 3:15:00 AM	540900.000	12.205	17.692	27.820	6022.003	6998.888	3.880	4759.245
166.058	1.002	14.774						
11/9/2016 3:20:00 AM	541200.000	12.209	17.692	27.828	6021.275	6998.042	3.879	4758.669
166.078	1.002	14.774						
11/9/2016 3:25:00 AM	541500.000	12.209	17.692	27.829	6023.430	7000.573	3.881	4760.390
166.018	1.002	14.774						
11/9/2016 3:30:00 AM	541800.000	12.203	17.692	27.815	6022.858	6999.882	3.881	4759.920
166.034	1.002	14.774						
11/9/2016 3:35:00 AM	542100.000	12.208	17.692	27.826	6023.370	7000.543	3.881	4760.369
166.020	1.002	14.773						
11/9/2016 3:40:00 AM	542400.000	12.208	17.693	27.825	6024.806	7002.105	3.882	4761.432
165.980	1.002	14.772						
11/9/2016 3:45:00 AM	542700.000	12.210	17.693	27.831	6024.352	7001.577	3.882	4761.073
165.993	1.002	14.771						
11/9/2016 3:50:00 AM	543000.000	12.209	17.692	27.828	6025.265	7002.694	3.882	4761.832
165.968	1.002	14.771						
11/9/2016 3:55:00 AM	543300.000	12.208	17.693	27.826	6025.601	7003.028	3.882	4762.059
165.959	1.002	14.772						
11/9/2016 4:00:00 AM	543600.000	12.209	17.692	27.829	6026.236	7003.782	3.883	4762.572

165.941	1.002	14.772						
11/9/2016 4:05:00 AM	543900.000	12.209	17.692	27.829	6026.725	7004.484	3.883	4763.050
165.928	1.002	14.771						
11/9/2016 4:10:00 AM	544200.000	12.209	17.692	27.828	6026.156	7003.741	3.883	4762.544
165.943	1.002	14.770						
11/9/2016 4:15:00 AM	544500.000	12.209	17.692	27.827	6026.767	7004.465	3.883	4763.037
165.926	1.002	14.770						
11/9/2016 4:20:00 AM	544800.000	12.210	17.692	27.830	6026.966	7004.656	3.883	4763.167
165.921	1.002	14.768						
11/9/2016 4:25:00 AM	545100.000	12.208	17.692	27.825	6027.220	7004.937	3.884	4763.357
165.914	1.002	14.767						
11/9/2016 4:30:00 AM	545400.000	12.214	17.692	27.839	6027.458	7005.269	3.884	4763.583
165.907	1.002	14.766						
11/9/2016 4:35:00 AM	545700.000	12.214	17.692	27.839	6028.218	7006.151	3.884	4764.184
165.887	1.002	14.767						
11/9/2016 4:40:00 AM	546000.000	12.214	17.692	27.840	6028.194	7006.150	3.884	4764.183
165.887	1.002	14.767						
11/9/2016 4:45:00 AM	546300.000	12.215	17.692	27.842	6028.426	7006.327	3.884	4764.303
165.881	1.002	14.767						
11/9/2016 4:50:00 AM	546600.000	12.215	17.692	27.841	6028.769	7006.792	3.885	4764.618
165.871	1.002	14.768						
11/9/2016 4:55:00 AM	546900.000	12.213	17.692	27.837	6028.234	7006.184	3.884	4764.206
165.886	1.002	14.769						
11/9/2016 5:00:00 AM	547200.000	12.211	17.692	27.833	6028.501	7006.426	3.884	4764.371
165.879	1.002	14.771						
11/9/2016 5:05:00 AM	547500.000	12.208	17.693	27.825	6028.357	7006.219	3.884	4764.229
165.883	1.002	14.772						
11/9/2016 5:10:00 AM	547800.000	12.209	17.692	27.829	6028.271	7006.160	3.884	4764.189
165.885	1.002	14.774						
11/9/2016 5:15:00 AM	548100.000	12.210	17.692	27.830	6029.005	7007.066	3.885	4764.805
165.865	1.002	14.776						
11/9/2016 5:20:00 AM	548400.000	12.209	17.692	27.828	6027.974	7005.828	3.884	4763.963
165.893	1.002	14.772						
11/9/2016 5:25:00 AM	548700.000	12.216	17.692	27.844	6029.231	7007.264	3.885	4764.940
165.859	1.002	14.768						
11/9/2016 5:30:00 AM	549000.000	12.221	17.692	27.856	6028.270	7006.254	3.884	4764.253
165.885	1.002	14.764						
11/9/2016 5:35:00 AM	549300.000	12.216	17.692	27.843	6029.917	7008.101	3.885	4765.509
165.840	1.002	14.766						
11/9/2016 5:40:00 AM	549600.000	12.214	17.692	27.839	6029.537	7007.659	3.885	4765.208
165.850	1.002	14.769						
11/9/2016 5:45:00 AM	549900.000	12.213	17.693	27.837	6028.958	7006.917	3.885	4764.703
165.866	1.002	14.772						
11/9/2016 5:50:00 AM	550200.000	12.215	17.692	27.842	6028.883	7006.910	3.885	4764.699
165.868	1.002	14.769						
11/9/2016 5:55:00 AM	550500.000	12.213	17.692	27.837	6028.127	7006.021	3.884	4764.094
165.889	1.002	14.767						
11/9/2016 6:00:00 AM	550800.000	12.222	17.692	27.859	6028.297	7006.286	3.884	4764.274
165.884	1.002	14.764						
11/9/2016 6:05:00 AM	551100.000	12.221	17.693	27.856	6029.556	7007.625	3.885	4765.186
165.850	1.002	14.767						
11/9/2016 6:10:00 AM	551400.000	12.217	17.692	27.847	6029.012	7007.020	3.885	4764.774
165.865	1.002	14.770						
11/9/2016 6:15:00 AM	551700.000	12.209	17.693	27.827	6028.839	7006.751	3.885	4764.591
165.869	1.002	14.772						
11/9/2016 6:20:00 AM	552000.000	12.211	17.693	27.833	6029.322	7007.353	3.885	4765.000
165.856	1.002	14.772						
11/9/2016 6:25:00 AM	552300.000	12.211	17.692	27.832	6028.326	7006.237	3.884	4764.241
165.884	1.002	14.772						
11/9/2016 6:30:00 AM	552600.000	12.213	17.692	27.837	6024.360	7001.603	3.882	4761.090
165.993	1.002	14.771						
11/9/2016 6:35:00 AM	552900.000	12.217	17.692	27.846	6015.644	6991.472	3.876	4754.201
166.233	1.002	14.773						
11/9/2016 6:40:00 AM	553200.000	12.216	17.692	27.844	6001.346	6974.866	3.866	4742.910
166.629	1.002	14.774						
11/9/2016 6:45:00 AM	553500.000	12.215	17.693	27.841	5984.483	6955.228	3.854	4729.555
167.099	1.002	14.775						
11/9/2016 6:50:00 AM	553800.000	12.217	17.692	27.847	5968.474	6936.702	3.843	4716.958
167.547	1.002	14.774						
11/9/2016 6:55:00 AM	554100.000	12.217	17.692	27.846	5956.307	6922.549	3.835	4707.333
167.889	1.002	14.772						
11/9/2016 7:00:00 AM	554400.000	12.223	17.693	27.861	5944.571	6908.815	3.827	4697.995
168.221	1.002	14.770						
11/9/2016 7:05:00 AM	554700.000	12.218	17.692	27.849	5934.228	6896.900	3.820	4689.892
168.514	1.002	14.774						
11/9/2016 7:10:00 AM	555000.000	12.215	17.692	27.842	5923.756	6884.744	3.812	4681.626
168.812	1.002	14.777						
11/9/2016 7:15:00 AM	555300.000	12.212	17.693	27.836	5913.992	6873.303	3.806	4673.846
169.091	1.002	14.781						
11/9/2016 7:20:00 AM	555600.000	12.212	17.692	27.835	5903.257	6860.854	3.798	4665.381
169.398	1.002	14.779						
11/9/2016 7:25:00 AM	555900.000	12.212	17.692	27.835	5896.474	6852.971	3.794	4660.021
169.593	1.002	14.777						
11/9/2016 7:30:00 AM	556200.000	12.219	17.692	27.851	5887.649	6842.754	3.788	4653.073
169.847	1.002	14.775						
11/9/2016 7:35:00 AM	556500.000	12.220	17.692	27.853	5879.695	6833.481	3.782	4646.768
170.077	1.002	14.777						
11/9/2016 7:40:00 AM	556800.000	12.213	17.692	27.837	5871.657	6824.128	3.777	4640.408
170.310	1.002	14.779						
11/9/2016 7:45:00 AM	557100.000	12.215	17.693	27.841	5865.119	6816.476	3.772	4635.204
170.500	1.002	14.781						
11/9/2016 7:50:00 AM	557400.000	12.217	17.692	27.846	5858.275	6808.600	3.767	4629.849
170.699	1.002	14.779						
11/9/2016 7:55:00 AM	557700.000	12.215	17.692	27.841	5851.728	6800.978	3.763	4624.665
170.890	1.002	14.778						
11/9/2016 8:00:00 AM	558000.000	12.219	17.693	27.851	5844.994	6793.125	3.758	4619.325
171.087	1.002	14.776						
11/9/2016 8:05:00 AM	558300.000	12.218	17.693	27.849	5839.121	6786.286	3.754	4614.675
171.259	1.002	14.778						
11/9/2016 8:10:00 AM	558600.000	12.216	17.693	27.845	5833.380	6779.561	3.750	4610.102
171.427	1.002	14.779						
11/9/2016 8:15:00 AM	558900.000	12.211	17.692	27.833	5826.536	6771.699	3.746	4604.755
171.629	1.002	14.781						
11/9/2016 8:20:00 AM	559200.000	12.215	17.693	27.842	5820.595	6764.715	3.741	4600.006
171.804	1.002	14.782						
11/9/2016 8:25:00 AM	559500.000	12.210	17.693	27.831	5816.192	6759.585	3.738	4596.519
171.934	1.002	14.783						
11/9/2016 8:30:00 AM	559800.000	12.208	17.693	27.825	5809.396	6751.739	3.734	4591.183
172.135	1.002	14.784						
11/9/2016 8:35:00 AM	560100.000	12.211	17.693	27.833	5803.135	6744.423	3.729	4586.208
172.321	1.002	14.782						
11/9/2016 8:40:00 AM	560400.000	12.213	17.693	27.838	5798.025	6738.498	3.726	4582.179
172.473	1.002	14.779						
11/9/2016 8:45:00 AM	560700.000	12.216	17.693	27.844	5792.598	6732.152	3.722	4577.864
172.634	1.002	14.777						
11/9/2016 8:50:00 AM	561000.000	12.210	17.692	27.831	5788.427	6727.408	3.719	4574.638
172.759	1.002	14.775						
11/9/2016 8:55:00 AM	561300.000	12.219	17.692	27.851	5782.878	6720.948	3.716	4570.245
172.924	1.001	14.772						
11/9/2016 9:00:00 AM	561600.000	12.219	17.692	27.851	5778.044	6715.354	3.712	4566.441
173.069	1.001	14.769						
11/9/2016 9:05:00 AM	561900.000	12.218	17.692	27.849	5771.961	6708.285	3.708	4561.634
173.251	1.001	14.770						
11/9/2016 9:10:00 AM	562200.000	12.210	17.693	27.831	5767.500	6703.036	3.705	4558.064
173.385	1.001	14.772						
11/9/2016 9:15:00 AM	562500.000	12.209	17.693	27.828	5762.548	6697.280	3.702	4554.150
173.534	1.001	14.773						
11/9/2016 9:20:00 AM	562800.000	12.210	17.693	27.831	5757.860	6691.857	3.698	4550.463
173.676	1.001	14.773						
11/9/2016 9:25:00 AM	563100.000	12.214	17.693	27.840	5753.816	6687.157	3.696	4547.267
173.798	1.001	14.772						
11/9/2016 9:30:00 AM	563400.000	12.215	17.693	27.841	5749.466	6682.049	3.693	4543.793
173.929	1.001	14.772						

11/9/2016 9:35:00 AM	563700.000	12.213	17.693	27.837	5745.621	6677.594	3.690	4540.764
174.046	1.001	14.771						
11/9/2016 9:40:00 AM	564000.000	12.213	17.692	27.837	5742.167	6673.645	3.688	4538.078
174.150	1.001	14.770						
11/9/2016 9:45:00 AM	564300.000	12.208	17.693	27.826	5739.637	6670.677	3.686	4536.061
174.227	1.001	14.770						
11/9/2016 9:50:00 AM	564600.000	12.208	17.692	27.826	5735.396	6665.803	3.683	4532.746
174.356	1.001	14.768						
11/9/2016 9:55:00 AM	564900.000	12.213	17.693	27.838	5732.102	6661.868	3.681	4530.070
174.456	1.001	14.766						
11/9/2016 10:00:00 AM	565200.000	12.213	17.693	27.837	5729.585	6658.996	3.679	4528.117
174.533	1.001	14.765						
11/9/2016 10:05:00 AM	565500.000	12.214	17.693	27.840	5726.266	6655.138	3.677	4525.495
174.634	1.001	14.765						
11/9/2016 10:10:00 AM	565800.000	12.212	17.692	27.834	5722.620	6650.964	3.674	4522.655
174.745	1.001	14.766						
11/9/2016 10:15:00 AM	566100.000	12.211	17.693	27.832	5719.959	6647.756	3.672	4520.475
174.826	1.001	14.766						
11/9/2016 10:20:00 AM	566400.000	12.208	17.692	27.826	5717.691	6645.187	3.671	4518.728
174.896	1.001	14.767						
11/9/2016 10:25:00 AM	566700.000	12.204	17.693	27.817	5715.588	6642.728	3.669	4517.056
174.960	1.001	14.767						
11/9/2016 10:30:00 AM	567000.000	12.206	17.693	27.822	5712.663	6639.290	3.667	4514.718
175.050	1.001	14.767						
11/9/2016 10:35:00 AM	567300.000	12.210	17.693	27.831	5710.428	6636.718	3.666	4512.969
175.118	1.001	14.768						
11/9/2016 10:40:00 AM	567600.000	12.205	17.693	27.819	5708.228	6634.136	3.664	4511.213
175.186	1.001	14.768						
11/9/2016 10:45:00 AM	567900.000	12.206	17.692	27.822	5705.049	6630.581	3.662	4508.795
175.283	1.001	14.768						
11/9/2016 10:50:00 AM	568200.000	12.207	17.692	27.824	5703.227	6628.414	3.661	4507.322
175.339	1.001	14.766						
11/9/2016 10:55:00 AM	568500.000	12.210	17.692	27.831	5700.604	6625.352	3.659	4505.239
175.420	1.001	14.763						
11/9/2016 11:00:00 AM	568800.000	12.213	17.692	27.837	5698.552	6622.967	3.658	4503.618
175.483	1.001	14.760						
11/9/2016 11:05:00 AM	569100.000	12.214	17.692	27.838	5696.569	6620.638	3.656	4502.034
175.544	1.001	14.758						
11/9/2016 11:10:00 AM	569400.000	12.209	17.693	27.829	5695.351	6619.156	3.655	4501.027
175.582	1.001	14.756						
11/9/2016 11:15:00 AM	569700.000	12.215	17.693	27.841	5693.437	6616.971	3.654	4499.541
175.641	1.001	14.753						
11/9/2016 11:20:00 AM	570000.000	12.212	17.693	27.834	5690.741	6613.798	3.652	4497.383
175.724	1.001	14.753						
11/9/2016 11:25:00 AM	570300.000	12.209	17.693	27.829	5688.837	6611.573	3.651	4495.870
175.783	1.001	14.753						
11/9/2016 11:30:00 AM	570600.000	12.209	17.692	27.828	5686.493	6609.002	3.649	4494.122
175.855	1.001	14.754						
11/9/2016 11:35:00 AM	570900.000	12.209	17.693	27.827	5685.602	6607.877	3.649	4493.357
175.883	1.001	14.754						
11/9/2016 11:40:00 AM	571200.000	12.209	17.692	27.827	5682.277	6604.052	3.647	4490.755
175.986	1.001	14.754						
11/9/2016 11:45:00 AM	571500.000	12.207	17.693	27.823	5681.135	6602.674	3.646	4489.818
176.021	1.001	14.754						
11/9/2016 11:50:00 AM	571800.000	12.207	17.693	27.823	5680.264	6601.635	3.645	4489.112
176.048	1.001	14.752						
11/9/2016 11:55:00 AM	572100.000	12.207	17.692	27.824	5678.068	6599.210	3.644	4487.463
176.116	1.001	14.750						
11/9/2016 12:00:00 PM	572400.000	12.204	17.693	27.816	5677.622	6598.604	3.643	4487.050
176.130	1.001	14.748						
11/9/2016 12:05:00 PM	572700.000	12.208	17.692	27.825	5676.063	6596.843	3.642	4485.854
176.178	1.001	14.745						
11/9/2016 12:10:00 PM	573000.000	12.212	17.693	27.835	5675.162	6595.744	3.642	4485.106
176.206	1.001	14.742						
11/9/2016 12:15:00 PM	573300.000	12.213	17.693	27.837	5674.094	6594.479	3.641	4484.246
176.240	1.001	14.738						
11/9/2016 12:20:00 PM	573600.000	12.214	17.692	27.839	5673.011	6593.259	3.640	4483.416
176.273	1.001	14.737						
11/9/2016 12:25:00 PM	573900.000	12.208	17.693	27.826	5671.713	6591.685	3.639	4482.346
176.314	1.001	14.735						
11/9/2016 12:30:00 PM	574200.000	12.215	17.693	27.841	5670.950	6590.837	3.639	4481.769
176.337	1.001	14.734						
11/9/2016 12:35:00 PM	574500.000	12.213	17.693	27.837	5670.195	6589.959	3.638	4481.172
176.361	1.001	14.736						
11/9/2016 12:40:00 PM	574800.000	12.213	17.692	27.838	5669.739	6589.467	3.638	4480.838
176.375	1.001	14.738						
11/9/2016 12:45:00 PM	575100.000	12.211	17.693	27.833	5670.742	6590.569	3.639	4481.587
176.344	1.001	14.740						
11/9/2016 12:50:00 PM	575400.000	12.208	17.692	27.827	5668.923	6588.507	3.637	4480.186
176.400	1.001	14.740						
11/9/2016 12:55:00 PM	575700.000	12.207	17.693	27.823	5668.142	6587.561	3.637	4479.542
176.425	1.001	14.741						
11/9/2016 1:00:00 PM	576000.000	12.204	17.692	27.816	5669.979	6589.772	3.638	4481.046
176.368	1.001	14.741						
11/9/2016 1:05:00 PM	576300.000	12.206	17.692	27.821	5668.935	6588.533	3.637	4480.202
176.400	1.001	14.740						
11/9/2016 1:10:00 PM	576600.000	12.208	17.692	27.825	5668.708	6588.320	3.637	4480.058
176.407	1.001	14.739						
11/9/2016 1:15:00 PM	576900.000	12.203	17.693	27.815	5667.915	6587.309	3.637	4479.370
176.432	1.001	14.738						
11/9/2016 1:20:00 PM	577200.000	12.202	17.693	27.813	5668.575	6588.077	3.637	4479.892
176.411	1.001	14.738						
11/9/2016 1:25:00 PM	577500.000	12.206	17.692	27.821	5667.752	6587.209	3.637	4479.302
176.437	1.001	14.738						
11/9/2016 1:30:00 PM	577800.000	12.205	17.692	27.818	5667.338	6586.714	3.636	4478.966
176.450	1.001	14.737						
11/9/2016 1:35:00 PM	578100.000	12.203	17.692	27.814	5668.186	6587.662	3.637	4479.610
176.423	1.001	14.738						
11/9/2016 1:40:00 PM	578400.000	12.202	17.692	27.811	5667.673	6587.117	3.637	4479.239
176.439	1.001	14.738						
11/9/2016 1:45:00 PM	578700.000	12.203	17.692	27.814	5667.069	6586.364	3.636	4478.728
176.458	1.001	14.738						
11/9/2016 1:50:00 PM	579000.000	12.208	17.693	27.825	5666.886	6586.114	3.636	4478.558
176.464	1.001	14.735						
11/9/2016 1:55:00 PM	579300.000	12.208	17.693	27.826	5666.484	6585.646	3.636	4478.240
176.476	1.001	14.732						
11/9/2016 2:00:00 PM	579600.000	12.209	17.693	27.829	5666.109	6585.198	3.635	4477.936
176.488	1.001	14.729						
11/9/2016 2:05:00 PM	579900.000	12.210	17.692	27.831	5666.782	6586.058	3.636	4478.520
176.467	1.001	14.729						
11/9/2016 2:10:00 PM	580200.000	12.208	17.692	27.826	5666.057	6585.226	3.635	4477.954
176.490	1.001	14.730						
11/9/2016 2:15:00 PM	580500.000	12.209	17.692	27.828	5666.016	6585.129	3.635	4477.888
176.491	1.001	14.730						
11/9/2016 2:20:00 PM	580800.000	12.206	17.692	27.821	5666.546	6585.769	3.636	4478.323
176.474	1.001	14.731						
11/9/2016 2:25:00 PM	581100.000	12.205	17.692	27.818	5667.508	6586.863	3.636	4479.067
176.444	1.001	14.733						
11/9/2016 2:30:00 PM	581400.000	12.199	17.692	27.804	5666.976	6586.283	3.636	4478.672
176.461	1.001	14.734						
11/9/2016 2:35:00 PM	581700.000	12.200	17.692	27.807	5666.070	6585.267	3.635	4477.981
176.489	1.001	14.734						
11/9/2016 2:40:00 PM	582000.000	12.203	17.693	27.814	5667.835	6587.204	3.637	4479.299
176.434	1.001	14.734						
11/9/2016 2:45:00 PM	582300.000	12.202	17.693	27.813	5667.037	6586.301	3.636	4478.686
176.459	1.001	14.734						
11/9/2016 2:50:00 PM	582600.000	12.201	17.692	27.809	5667.392	6586.766	3.636	4479.000
176.448	1.001	14.734						
11/9/2016 2:55:00 PM	582900.000	12.197	17.692	27.800	5667.156	6586.479	3.636	4478.806
176.455	1.001	14.734						
11/9/2016 3:00:00 PM	583200.000	12.203	17.692	27.815	5665.923	6585.122	3.635	4477.883
176.494	1.001	14.734						
11/9/2016 3:05:00 PM	583500.000	12.200	17.692	27.807	5668.355	6587.896	3.637	4479.770

176.418	1.001	14.735						
11/9/2016 3:10:00 PM	583800.000	12.200	17.692	27.808	5667.519	6586.899	3.636	4479.092
176.444	1.001	14.736						
11/9/2016 3:15:00 PM	584100.000	12.195	17.693	27.796	5668.107	6587.533	3.637	4479.522
176.426	1.001	14.737						
11/9/2016 3:20:00 PM	584400.000	12.198	17.693	27.802	5667.450	6586.781	3.636	4479.012
176.446	1.001	14.734						
11/9/2016 3:25:00 PM	584700.000	12.202	17.692	27.813	5667.022	6586.348	3.636	4478.716
176.460	1.001	14.732						
11/9/2016 3:30:00 PM	585000.000	12.200	17.692	27.807	5669.165	6588.826	3.638	4480.402
176.393	1.001	14.729						
11/9/2016 3:35:00 PM	585300.000	12.204	17.692	27.817	5668.464	6587.985	3.637	4479.830
176.415	1.001	14.730						
11/9/2016 3:40:00 PM	585600.000	12.203	17.692	27.814	5668.517	6588.073	3.637	4479.890
176.413	1.001	14.730						
11/9/2016 3:45:00 PM	585900.000	12.198	17.692	27.802	5668.673	6588.242	3.637	4480.005
176.408	1.001	14.731						
11/9/2016 3:50:00 PM	586200.000	12.200	17.692	27.807	5668.695	6588.243	3.637	4480.006
176.407	1.001	14.732						
11/9/2016 3:55:00 PM	586500.000	12.195	17.693	27.796	5669.364	6589.006	3.638	4480.524
176.387	1.001	14.733						
11/9/2016 4:00:00 PM	586800.000	12.193	17.693	27.793	5669.038	6588.614	3.637	4480.257
176.397	1.001	14.734						
11/9/2016 4:05:00 PM	587100.000	12.199	17.692	27.804	5668.874	6588.513	3.637	4480.189
176.402	1.001	14.732						
11/9/2016 4:10:00 PM	587400.000	12.198	17.693	27.803	5669.230	6588.851	3.638	4480.418
176.391	1.001	14.730						
11/9/2016 4:15:00 PM	587700.000	12.194	17.692	27.794	5669.472	6589.157	3.638	4480.626
176.383	1.001	14.728						
11/9/2016 4:20:00 PM	588000.000	12.199	17.692	27.805	5670.216	6590.035	3.638	4481.225
176.360	1.001	14.728						
11/9/2016 4:25:00 PM	588300.000	12.197	17.692	27.802	5670.464	6590.310	3.638	4481.411
176.352	1.001	14.728						
11/9/2016 4:30:00 PM	588600.000	12.192	17.693	27.789	5670.276	6590.065	3.638	4481.245
176.358	1.001	14.728						
11/9/2016 4:35:00 PM	588900.000	12.200	17.692	27.809	5671.243	6591.266	3.639	4482.061
176.328	1.001	14.726						
11/9/2016 4:40:00 PM	589200.000	12.198	17.692	27.804	5671.878	6592.043	3.639	4482.590
176.308	1.001	14.724						
11/9/2016 4:45:00 PM	589500.000	12.204	17.692	27.816	5671.395	6591.391	3.639	4482.146
176.323	1.001	14.721						
11/9/2016 4:50:00 PM	589800.000	12.196	17.692	27.799	5672.655	6592.856	3.640	4483.143
176.284	1.001	14.725						
11/9/2016 4:55:00 PM	590100.000	12.197	17.692	27.801	5672.525	6592.694	3.640	4483.032
176.288	1.001	14.728						
11/9/2016 5:00:00 PM	590400.000	12.194	17.692	27.793	5673.257	6593.583	3.640	4483.637
176.266	1.001	14.731						
11/9/2016 5:05:00 PM	590700.000	12.192	17.692	27.789	5672.771	6593.067	3.640	4483.286
176.281	1.001	14.731						
11/9/2016 5:10:00 PM	591000.000	12.196	17.692	27.798	5673.112	6593.438	3.640	4483.538
176.270	1.001	14.730						
11/9/2016 5:15:00 PM	591300.000	12.195	17.692	27.796	5673.986	6594.430	3.641	4484.212
176.243	1.001	14.729						
11/9/2016 5:20:00 PM	591600.000	12.191	17.692	27.786	5673.667	6594.033	3.641	4483.942
176.253	1.001	14.731						
11/9/2016 5:25:00 PM	591900.000	12.188	17.692	27.779	5675.253	6595.914	3.642	4485.222
176.204	1.001	14.733						
11/9/2016 5:30:00 PM	592200.000	12.187	17.693	27.777	5675.455	6596.084	3.642	4485.337
176.197	1.001	14.735						
11/9/2016 5:35:00 PM	592500.000	12.193	17.693	27.791	5675.650	6596.273	3.642	4485.466
176.191	1.001	14.733						
11/9/2016 5:40:00 PM	592800.000	12.194	17.692	27.794	5675.804	6596.516	3.642	4485.631
176.187	1.001	14.730						
11/9/2016 5:45:00 PM	593100.000	12.191	17.692	27.787	5676.527	6597.356	3.643	4486.202
176.164	1.001	14.728						
11/9/2016 5:50:00 PM	593400.000	12.189	17.692	27.783	5676.210	6597.015	3.642	4485.971
176.174	1.001	14.731						
11/9/2016 5:55:00 PM	593700.000	12.191	17.692	27.787	5677.895	6598.984	3.644	4487.310
176.122	1.001	14.735						
11/9/2016 6:00:00 PM	594000.000	12.189	17.692	27.782	5678.180	6599.368	3.644	4487.571
176.113	1.001	14.738						
11/9/2016 6:05:00 PM	594300.000	12.190	17.692	27.785	5678.857	6600.103	3.644	4488.070
176.092	1.001	14.736						
11/9/2016 6:10:00 PM	594600.000	12.187	17.692	27.778	5679.762	6601.179	3.645	4488.802
176.064	1.001	14.733						
11/9/2016 6:15:00 PM	594900.000	12.193	17.692	27.793	5679.775	6601.159	3.645	4488.788
176.063	1.001	14.731						
11/9/2016 6:20:00 PM	595200.000	12.193	17.692	27.791	5680.167	6601.677	3.645	4489.141
176.051	1.001	14.733						
11/9/2016 6:25:00 PM	595500.000	12.190	17.692	27.784	5680.521	6602.011	3.645	4489.368
176.040	1.001	14.736						
11/9/2016 6:30:00 PM	595800.000	12.185	17.693	27.774	5682.150	6603.866	3.646	4490.629
175.990	1.001	14.739						
11/9/2016 6:35:00 PM	596100.000	12.184	17.692	27.772	5682.133	6603.899	3.646	4490.651
175.990	1.001	14.737						
11/9/2016 6:40:00 PM	596400.000	12.193	17.692	27.791	5682.625	6604.545	3.647	4491.091
175.975	1.001	14.735						
11/9/2016 6:45:00 PM	596700.000	12.191	17.692	27.787	5684.318	6606.463	3.648	4492.396
175.923	1.001	14.732						
11/9/2016 6:50:00 PM	597000.000	12.197	17.692	27.801	5683.814	6605.889	3.648	4492.005
175.938	1.001	14.734						
11/9/2016 6:55:00 PM	597300.000	12.195	17.693	27.797	5685.662	6607.896	3.649	4493.370
175.881	1.001	14.735						
11/9/2016 7:00:00 PM	597600.000	12.193	17.692	27.791	5685.428	6607.714	3.649	4493.246
175.888	1.001	14.736						
11/9/2016 7:05:00 PM	597900.000	12.192	17.692	27.790	5686.605	6609.069	3.650	4494.167
175.852	1.001	14.736						
11/9/2016 7:10:00 PM	598200.000	12.193	17.692	27.792	5687.794	6610.515	3.650	4495.150
175.815	1.001	14.736						
11/9/2016 7:15:00 PM	598500.000	12.188	17.692	27.780	5688.903	6611.803	3.651	4496.026
175.781	1.001	14.736						
11/9/2016 7:20:00 PM	598800.000	12.192	17.693	27.790	5689.257	6612.125	3.651	4496.246
175.770	1.001	14.735						
11/9/2016 7:25:00 PM	599100.000	12.189	17.692	27.783	5690.055	6613.194	3.652	4496.973
175.745	1.001	14.734						
11/9/2016 7:30:00 PM	599400.000	12.196	17.692	27.799	5689.231	6612.122	3.651	4496.243
175.771	1.001	14.733						
11/9/2016 7:35:00 PM	599700.000	12.196	17.692	27.798	5689.944	6613.001	3.652	4496.841
175.749	1.001	14.734						
11/9/2016 7:40:00 PM	600000.000	12.194	17.693	27.793	5691.026	6614.157	3.653	4497.627
175.715	1.001	14.736						
11/9/2016 7:45:00 PM	600300.000	12.187	17.692	27.778	5691.613	6614.878	3.653	4498.118
175.697	1.001	14.737						
11/9/2016 7:50:00 PM	600600.000	12.190	17.692	27.785	5692.062	6615.501	3.653	4498.542
175.683	1.001	14.737						
11/9/2016 7:55:00 PM	600900.000	12.187	17.692	27.778	5693.954	6617.637	3.655	4499.993
175.625	1.001	14.737						
11/9/2016 8:00:00 PM	601200.000	12.193	17.692	27.792	5693.844	6617.509	3.655	4499.907
175.628	1.001	14.737						
11/9/2016 8:05:00 PM	601500.000	12.186	17.692	27.776	5693.682	6617.307	3.654	4499.769
175.633	1.001	14.738						
11/9/2016 8:10:00 PM	601800.000	12.192	17.692	27.789	5693.312	6616.853	3.654	4499.460
175.645	1.001	14.739						
11/9/2016 8:15:00 PM	602100.000	12.184	17.692	27.771	5694.197	6617.881	3.655	4500.159
175.617	1.001	14.740						
11/9/2016 8:20:00 PM	602400.000	12.190	17.692	27.784	5694.680	6618.505	3.655	4500.583
175.602	1.001	14.739						
11/9/2016 8:25:00 PM	602700.000	12.187	17.692	27.779	5695.002	6618.855	3.655	4500.822
175.593	1.001	14.737						
11/9/2016 8:30:00 PM	603000.000	12.192	17.692	27.789	5694.475	6618.242	3.655	4500.405
175.609	1.001	14.736						
11/9/2016 8:35:00 PM	603300.000	12.188	17.692	27.781	5696.126	6620.198	3.656	4501.735
175.558	1.001	14.737						

11/9/2016 8:40:00 PM	603600.000	12.190	17.692	27.786	5695.568	6619.550	3.656	4501.294
175.575	1.001	14.739						
11/9/2016 8:45:00 PM	603900.000	12.189	17.692	27.782	5694.628	6618.394	3.655	4500.508
175.604	1.001	14.741						
11/9/2016 8:50:00 PM	604200.000	12.186	17.692	27.776	5696.317	6620.408	3.656	4501.878
175.552	1.001	14.741						
11/9/2016 8:55:00 PM	604500.000	12.188	17.692	27.781	5694.739	6618.550	3.655	4500.614
175.601	1.001	14.742						
11/9/2016 9:00:00 PM	604800.000	12.184	17.692	27.772	5694.963	6618.859	3.655	4500.824
175.594	1.001	14.743						
11/9/2016 9:05:00 PM	605100.000	12.188	17.692	27.780	5698.069	6622.457	3.657	4503.271
175.498	1.001	14.743						
11/9/2016 9:10:00 PM	605400.000	12.188	17.692	27.780	5706.581	6632.349	3.663	4509.998
175.236	1.001	14.744						
11/9/2016 9:15:00 PM	605700.000	12.188	17.692	27.780	5725.629	6654.525	3.676	4525.077
174.653	1.001	14.745						
11/9/2016 9:20:00 PM	606000.000	12.183	17.692	27.768	5744.596	6676.544	3.689	4540.050
174.077	1.001	14.744						
11/9/2016 9:25:00 PM	606300.000	12.188	17.692	27.780	5760.162	6694.610	3.700	4552.335
173.606	1.001	14.744						
11/9/2016 9:30:00 PM	606600.000	12.189	17.692	27.783	5775.198	6712.125	3.710	4564.245
173.154	1.001	14.744						
11/9/2016 9:35:00 PM	606900.000	12.189	17.692	27.783	5787.292	6726.166	3.719	4573.793
172.792	1.001	14.743						
11/9/2016 9:40:00 PM	607200.000	12.190	17.692	27.786	5798.909	6739.694	3.727	4582.993
172.446	1.002	14.742						
11/9/2016 9:45:00 PM	607500.000	12.193	17.692	27.792	5810.379	6752.999	3.734	4592.039
172.106	1.002	14.740						
11/9/2016 9:50:00 PM	607800.000	12.187	17.692	27.777	5822.038	6766.589	3.743	4601.281
171.761	1.002	14.741						
11/9/2016 9:55:00 PM	608100.000	12.190	17.691	27.785	5829.939	6775.798	3.748	4607.542
171.528	1.002	14.742						
11/9/2016 10:00:00 PM	608400.000	12.186	17.692	27.776	5839.774	6787.163	3.755	4615.271
171.239	1.002	14.743						
11/9/2016 10:05:00 PM	608700.000	12.190	17.692	27.785	5847.891	6796.596	3.760	4621.686
171.002	1.002	14.744						
11/9/2016 10:10:00 PM	609000.000	12.183	17.691	27.769	5856.239	6806.379	3.766	4628.338
170.758	1.002	14.745						
11/9/2016 10:15:00 PM	609300.000	12.188	17.692	27.781	5865.066	6816.545	3.772	4635.251
170.501	1.002	14.746						
11/9/2016 10:20:00 PM	609600.000	12.186	17.692	27.775	5871.929	6824.508	3.777	4640.666
170.302	1.002	14.744						
11/9/2016 10:25:00 PM	609900.000	12.187	17.691	27.779	5877.929	6831.574	3.781	4645.471
170.128	1.002	14.743						
11/9/2016 10:30:00 PM	610200.000	12.186	17.692	27.776	5884.933	6839.674	3.786	4650.978
169.925	1.002	14.742						
11/9/2016 10:35:00 PM	610500.000	12.194	17.692	27.795	5890.596	6846.229	3.790	4655.436
169.762	1.002	14.741						
11/9/2016 10:40:00 PM	610800.000	12.188	17.692	27.780	5896.370	6852.940	3.794	4660.000
169.596	1.002	14.741						
11/9/2016 10:45:00 PM	611100.000	12.194	17.692	27.794	5901.962	6859.455	3.797	4664.429
169.435	1.002	14.740						
11/9/2016 10:50:00 PM	611400.000	12.187	17.692	27.779	5907.313	6865.699	3.801	4668.675
169.282	1.002	14.741						
11/9/2016 10:55:00 PM	611700.000	12.193	17.692	27.791	5912.312	6871.523	3.805	4672.637
169.139	1.002	14.741						
11/9/2016 11:00:00 PM	612000.000	12.192	17.692	27.789	5918.285	6878.438	3.809	4677.338
168.968	1.002	14.742						
11/9/2016 11:05:00 PM	612300.000	12.194	17.692	27.794	5921.904	6882.591	3.811	4680.162
168.865	1.002	14.741						
11/9/2016 11:10:00 PM	612600.000	12.195	17.692	27.797	5926.479	6887.894	3.814	4683.768
168.734	1.002	14.739						
11/9/2016 11:15:00 PM	612900.000	12.194	17.692	27.793	5930.869	6893.051	3.817	4687.274
168.609	1.002	14.738						
11/9/2016 11:20:00 PM	613200.000	12.196	17.692	27.799	5934.158	6896.845	3.820	4689.855
168.516	1.002	14.739						
11/9/2016 11:25:00 PM	613500.000	12.195	17.692	27.795	5937.283	6900.546	3.822	4692.372
168.427	1.002	14.739						
11/9/2016 11:30:00 PM	613800.000	12.190	17.692	27.786	5943.078	6907.241	3.826	4696.925
168.263	1.002	14.739						
11/9/2016 11:35:00 PM	614100.000	12.191	17.692	27.786	5947.051	6911.843	3.828	4700.053
168.151	1.002	14.740						
11/9/2016 11:40:00 PM	614400.000	12.196	17.692	27.799	5951.175	6916.637	3.831	4703.313
168.034	1.002	14.741						
11/9/2016 11:45:00 PM	614700.000	12.195	17.692	27.797	5953.096	6918.843	3.833	4704.813
167.980	1.002	14.741						
11/9/2016 11:50:00 PM	615000.000	12.193	17.692	27.793	5957.295	6923.749	3.835	4708.149
167.861	1.002	14.742						
11/9/2016 11:55:00 PM	615300.000	12.195	17.692	27.796	5960.191	6927.142	3.837	4710.457
167.780	1.002	14.742						

Report Date: 11/14/2016 8:30:57 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-5D Pre Test_2016-11-10_17-22-00-257-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-5D Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/14/2015 5:21:38 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 3/14/2015 5:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

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

Log Data:
Record Count: 753
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
		Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697			
		Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: Baro-Adj Calc SN#: 000000							
11/3/2016 12:14:45 AM	7200.000	144.312	21.329	328.931	5296.665	5696.029	3.123	3.873	188.798	1.000	14.795
11/3/2016 12:29:45 AM	8100.000	144.343	21.330	329.003	5297.544	5696.914	3.123	3.874	188.767	1.000	14.792
11/3/2016 12:44:45 AM	9000.000	144.291	21.333	328.885	5296.883	5695.825	3.122	3.873	188.790	1.000	14.796
11/3/2016 12:59:45 AM	9900.000	144.310	21.330	328.927	5297.500	5696.815	3.123	3.874	188.768	1.000	14.791
11/3/2016 1:14:45 AM	10800.000	144.333	21.332	328.979	5296.799	5695.805	3.122	3.873	188.793	1.000	14.798
11/3/2016 1:29:45 AM	11700.000	144.305	21.341	328.916	5298.923	5697.125	3.123	3.874	188.718	1.000	14.794
11/3/2016 1:44:45 AM	12600.000	144.294	21.344	328.890	5298.899	5696.658	3.123	3.874	188.718	1.000	14.795
11/3/2016 1:59:45 AM	13500.000	144.295	21.347	328.892	5299.766	5697.252	3.123	3.874	188.688	1.000	14.799
11/3/2016 2:14:45 AM	14400.000	144.297	21.347	328.897	5299.053	5696.466	3.123	3.874	188.713	1.000	14.802
11/3/2016 2:29:45 AM	15300.000	144.298	21.331	328.900	5297.902	5697.104	3.123	3.874	188.754	1.000	14.807
11/3/2016 2:44:45 AM	16200.000	144.308	21.325	328.923	5297.264	5697.136	3.123	3.874	188.777	1.000	14.802
11/3/2016 2:59:45 AM	17100.000	144.316	21.325	328.940	5295.499	5695.257	3.122	3.873	188.840	1.000	14.798
11/3/2016 3:14:45 AM	18000.000	144.303	21.325	328.911	5295.503	5695.252	3.122	3.873	188.839	1.000	14.802
11/3/2016 3:29:45 AM	18900.000	144.306	21.323	328.919	5295.088	5695.042	3.122	3.873	188.854	1.000	14.803
11/3/2016 3:44:45 AM	19800.000	144.320	21.325	328.949	5294.651	5694.356	3.122	3.872	188.870	1.000	14.800
11/3/2016 3:59:45 AM	20700.000	144.318	21.325	328.946	5293.980	5693.615	3.121	3.872	188.894	1.000	14.799
11/3/2016 4:14:45 AM	21600.000	144.319	21.326	328.947	5293.939	5693.519	3.121	3.872	188.895	1.000	14.797
11/3/2016 4:29:45 AM	22500.000	144.327	21.326	328.965	5295.241	5694.887	3.122	3.873	188.849	1.000	14.795
11/3/2016 4:44:45 AM	23400.000	144.310	21.327	328.927	5293.906	5693.278	3.121	3.871	188.896	1.000	14.801
11/3/2016 4:59:45 AM	24300.000	144.314	21.336	328.935	5296.200	5694.730	3.122	3.872	188.815	1.000	14.797
11/3/2016 5:14:45 AM	25200.000	144.361	21.343	329.043	5296.052	5693.730	3.121	3.872	188.820	1.000	14.801
11/3/2016 5:29:45 AM	26100.000	144.355	21.346	329.029	5296.558	5693.936	3.121	3.872	188.802	1.000	14.799
11/3/2016 5:44:45 AM	27000.000	144.327	21.347	328.966	5297.581	5694.872	3.122	3.873	188.765	1.000	14.794
11/3/2016 5:59:45 AM	27900.000	144.361	21.341	329.044	5296.326	5694.303	3.122	3.872	188.810	1.000	14.805
11/3/2016 6:14:45 AM	28800.000	144.331	21.345	328.975	5296.943	5694.535	3.122	3.872	188.788	1.000	14.803
11/3/2016 6:29:45 AM	29700.000	144.362	21.347	329.045	5297.384	5694.764	3.122	3.872	188.772	1.000	14.799
11/3/2016 6:44:45 AM	30600.000	144.330	21.343	328.973	5297.964	5695.777	3.122	3.873	188.752	1.000	14.804
11/3/2016 6:59:45 AM	31500.000	144.343	21.337	329.002	5297.370	5695.885	3.122	3.873	188.773	1.000	14.797
11/3/2016 7:14:45 AM	32400.000	144.385	21.337	329.097	5297.239	5695.704	3.122	3.873	188.778	1.000	14.792
11/3/2016 7:29:45 AM	33300.000	144.340	21.344	328.995	5298.019	5695.794	3.122	3.873	188.750	1.000	14.799
11/3/2016 7:44:45 AM	34200.000	144.342	21.341	329.001	5298.163	5696.205	3.123	3.873	188.745	1.000	14.800
11/3/2016 7:59:45 AM	35100.000	144.355	21.338	329.029	5297.996	5696.385	3.123	3.874	188.751	1.000	14.796
11/3/2016 8:14:45 AM	36000.000	144.344	21.334	329.005	5296.889	5695.717	3.122	3.873	188.790	1.000	14.804
11/3/2016 8:29:45 AM	36900.000	144.349	21.334	329.017	5296.957	5695.832	3.122	3.873	188.788	1.000	14.807
11/3/2016 8:44:45 AM	37800.000	144.351	21.338	329.019	5298.720	5697.215	3.123	3.874	188.725	1.000	14.804
11/3/2016 8:59:45 AM	38700.000	144.359	21.332	329.039	5297.696	5696.759	3.123	3.874	188.761	1.000	14.806
11/3/2016 9:14:45 AM	39600.000	144.354	21.328	329.028	5297.973	5697.569	3.123	3.874	188.751	1.000	14.810
11/3/2016 9:29:45 AM	40500.000	144.363	21.330	329.049	5298.630	5698.030	3.124	3.875	188.728	1.000	14.809
11/3/2016 9:44:45 AM	41400.000	144.356	21.329	329.032	5299.974	5699.598	3.125	3.876	188.680	1.000	14.807
11/3/2016 9:59:45 AM	42300.000	144.365	21.330	329.052	5300.518	5700.102	3.125	3.876	188.661	1.000	14.804
11/3/2016 10:14:45 AM	43200.000	144.371	21.335	329.067	5301.899	5701.002	3.125	3.877	188.612	1.000	14.799
11/3/2016 10:29:45 AM	44100.000	144.331	21.344	328.975	5302.472	5700.582	3.125	3.876	188.591	1.000	14.803
11/3/2016 10:44:45 AM	45000.000	144.407	21.343	329.148	5302.150	5700.338	3.125	3.876	188.603	1.000	14.800
11/3/2016 10:59:45 AM	45900.000	144.377	21.341	329.079	5302.639	5701.049	3.125	3.877	188.585	1.000	14.798
11/3/2016 11:14:45 AM	46800.000	144.372	21.333	329.067	5301.238	5700.465	3.125	3.876	188.635	1.000	14.799
11/3/2016 11:29:45 AM	47700.000	144.379	21.332	329.085	5301.392	5700.825	3.125	3.877	188.630	1.000	14.798
11/3/2016 11:44:45 AM	48600.000	144.381	21.328	329.089	5301.452	5701.270	3.126	3.877	188.628	1.000	14.789
11/3/2016 11:59:45 AM	49500.000	144.424	21.338	329.186	5302.525	5701.295	3.126	3.877	188.589	1.000	14.790
11/3/2016 12:14:45 PM	50400.000	144.372	21.345	329.069	5303.777	5701.830	3.126	3.877	188.545	1.000	14.792
11/3/2016 12:29:45 PM	51300.000	144.395	21.337	329.122	5302.533	5701.375	3.126	3.877	188.589	1.000	14.784
11/3/2016 12:44:45 PM	52200.000	144.391	21.337	329.113	5302.989	5701.876	3.126	3.877	188.573	1.000	14.786
11/3/2016 12:59:45 PM	53100.000	144.394	21.341	329.119	5304.001	5702.565	3.126	3.878	188.537	1.000	14.784
11/3/2016 1:14:45 PM	54000.000	144.393	21.337	329.116	5302.863	5701.730	3.126	3.877	188.577	1.000	14.775
11/3/2016 1:29:45 PM	54900.000	144.391	21.332	329.112	5303.679	5703.234	3.127	3.878	188.548	1.000	14.775
11/3/2016 1:44:45 PM	55800.000	144.389	21.337	329.108	5303.447	5702.379	3.126	3.878	188.557	1.000	14.772
11/3/2016 1:59:45 PM	56700.000	144.410	21.334	329.155	5303.724	5703.025	3.127	3.878	188.547	1.000	14.764
11/3/2016 2:14:45 PM	57600.000	144.404	21.333	329.142	5303.798	5703.239	3.127	3.878			

188.544	1.000	14.761						
11/3/2016 2:29:45 PM	58500.000	144.414	21.327	329.163	5303.906	5704.023	3.127	3.879
188.540	1.000	14.759						
11/3/2016 2:44:45 PM	59400.000	144.411	21.328	329.157	5304.715	5704.810	3.128	3.879
188.512	1.000	14.761						
11/3/2016 2:59:45 PM	60300.000	144.404	21.328	329.140	5304.906	5705.057	3.128	3.879
188.505	1.000	14.762						
11/3/2016 3:14:45 PM	61200.000	144.409	21.333	329.153	5305.963	5705.629	3.128	3.880
188.467	1.000	14.755						
11/3/2016 3:29:45 PM	62100.000	144.408	21.336	329.149	5306.586	5705.950	3.128	3.880
188.445	1.000	14.760						
11/3/2016 3:44:45 PM	63000.000	144.406	21.336	329.146	5306.229	5705.483	3.128	3.880
188.458	1.000	14.756						
11/3/2016 3:59:45 PM	63900.000	144.436	21.332	329.215	5306.084	5705.860	3.128	3.880
188.463	1.000	14.762						
11/3/2016 4:14:45 PM	64800.000	144.411	21.337	329.156	5306.483	5705.612	3.128	3.880
188.449	1.000	14.762						
11/3/2016 4:29:45 PM	65700.000	144.446	21.344	329.238	5308.234	5706.787	3.129	3.881
188.387	1.000	14.759						
11/3/2016 4:44:45 PM	66600.000	144.406	21.339	329.147	5307.914	5706.997	3.129	3.881
188.398	1.000	14.762						
11/3/2016 4:59:45 PM	67500.000	144.408	21.333	329.150	5306.889	5706.593	3.129	3.880
188.434	1.000	14.758						
11/3/2016 5:14:45 PM	68400.000	144.414	21.335	329.165	5306.945	5706.427	3.129	3.880
188.432	1.000	14.759						
11/3/2016 5:29:45 PM	69300.000	144.407	21.330	329.149	5307.723	5707.809	3.129	3.881
188.405	1.000	14.761						
11/3/2016 5:44:45 PM	70200.000	144.400	21.332	329.133	5308.104	5707.961	3.130	3.881
188.391	1.000	14.761						
11/3/2016 5:59:45 PM	71100.000	144.408	21.331	329.151	5307.005	5706.985	3.129	3.881
188.430	1.000	14.758						
11/3/2016 6:14:45 PM	72000.000	144.398	21.335	329.128	5308.326	5707.933	3.129	3.881
188.383	1.000	14.756						
11/3/2016 6:29:45 PM	72900.000	144.393	21.339	329.116	5307.444	5706.512	3.129	3.880
188.415	1.000	14.760						
11/3/2016 6:44:45 PM	73800.000	144.431	21.345	329.204	5308.860	5707.265	3.129	3.881
188.364	1.000	14.758						
11/3/2016 6:59:45 PM	74700.000	144.389	21.347	329.108	5309.637	5707.884	3.129	3.881
188.337	1.000	14.761						
11/3/2016 7:14:45 PM	75600.000	144.388	21.347	329.105	5309.126	5707.366	3.129	3.881
188.355	1.000	14.761						
11/3/2016 7:29:45 PM	76500.000	144.423	21.345	329.184	5309.515	5707.948	3.130	3.881
188.341	1.000	14.759						
11/3/2016 7:44:45 PM	77400.000	144.404	21.344	329.141	5308.388	5706.859	3.129	3.881
188.381	1.000	14.764						
11/3/2016 7:59:45 PM	78300.000	144.377	21.344	329.080	5308.201	5706.648	3.129	3.881
188.388	1.000	14.764						
11/3/2016 8:14:45 PM	79200.000	144.414	21.344	329.165	5308.675	5707.189	3.129	3.881
188.371	1.000	14.757						
11/3/2016 8:29:45 PM	80100.000	144.359	21.338	329.039	5307.843	5707.064	3.129	3.881
188.400	1.000	14.768						
11/3/2016 8:44:45 PM	81000.000	144.373	21.336	329.072	5307.610	5707.041	3.129	3.881
188.409	1.000	14.762						
11/3/2016 8:59:45 PM	81900.000	144.369	21.335	329.061	5306.751	5706.199	3.128	3.880
188.439	1.000	14.762						
11/3/2016 9:14:45 PM	82800.000	144.393	21.336	329.115	5307.874	5707.241	3.129	3.881
188.399	1.000	14.761						
11/3/2016 9:29:45 PM	83700.000	144.352	21.334	329.022	5307.435	5707.057	3.129	3.881
188.415	1.000	14.759						
11/3/2016 9:44:45 PM	84600.000	144.346	21.335	329.010	5307.523	5707.059	3.129	3.881
188.412	1.000	14.764						
11/3/2016 9:59:45 PM	85500.000	144.352	21.334	329.022	5308.183	5707.810	3.129	3.881
188.388	1.000	14.765						
11/3/2016 10:14:45 PM	86400.000	144.380	21.337	329.086	5308.562	5707.929	3.129	3.881
188.375	1.000	14.763						
11/3/2016 10:29:45 PM	87300.000	144.366	21.339	329.056	5308.945	5708.064	3.130	3.881
188.361	1.000	14.770						
11/3/2016 10:44:45 PM	88200.000	144.331	21.341	328.975	5308.719	5707.606	3.129	3.881
188.369	1.000	14.763						
11/3/2016 10:59:45 PM	89100.000	144.327	21.340	328.965	5309.228	5708.307	3.130	3.882
188.351	1.000	14.770						
11/3/2016 11:14:45 PM	90000.000	144.361	21.340	329.043	5308.844	5707.863	3.129	3.881
188.365	1.000	14.769						
11/3/2016 11:29:45 PM	90900.000	144.319	21.341	328.948	5309.217	5708.152	3.130	3.882
188.352	1.000	14.766						
11/3/2016 11:44:45 PM	91800.000	144.317	21.341	328.943	5309.939	5708.918	3.130	3.882
188.326	1.000	14.771						
11/3/2016 11:59:45 PM	92700.000	144.354	21.341	329.027	5309.469	5708.402	3.130	3.882
188.343	1.000	14.771						
11/4/2016 12:14:45 AM	93600.000	144.315	21.344	328.939	5309.955	5708.596	3.130	3.882
188.326	1.000	14.764						
11/4/2016 12:29:45 AM	94500.000	144.340	21.347	328.995	5310.315	5708.572	3.130	3.882
188.313	1.000	14.767						
11/4/2016 12:44:45 AM	95400.000	144.306	21.346	328.919	5310.725	5709.229	3.130	3.882
188.298	1.000	14.765						
11/4/2016 12:59:45 AM	96300.000	144.297	21.343	328.898	5310.157	5708.905	3.130	3.882
188.318	1.000	14.768						
11/4/2016 1:14:45 AM	97200.000	144.330	21.342	328.973	5310.592	5709.455	3.130	3.882
188.303	1.000	14.764						
11/4/2016 1:29:45 AM	98100.000	144.296	21.345	328.896	5311.342	5710.005	3.131	3.883
188.276	1.000	14.760						
11/4/2016 1:44:45 AM	99000.000	144.336	21.351	328.987	5311.865	5709.847	3.131	3.883
188.258	1.000	14.764						
11/4/2016 1:59:45 AM	99900.000	144.327	21.355	328.965	5312.271	5709.832	3.131	3.883
188.243	1.000	14.769						
11/4/2016 2:14:45 AM	100800.000	144.292	21.350	328.886	5312.000	5710.055	3.131	3.883
188.253	1.000	14.769						
11/4/2016 2:29:45 AM	101700.000	144.294	21.349	328.890	5312.365	5710.560	3.131	3.883
188.240	1.000	14.768						
11/4/2016 2:44:45 AM	102600.000	144.290	21.352	328.882	5312.161	5710.022	3.131	3.883
188.247	1.000	14.771						
11/4/2016 2:59:45 AM	103500.000	144.292	21.353	328.886	5312.463	5710.265	3.131	3.883
188.237	1.000	14.766						
11/4/2016 3:14:45 AM	104400.000	144.324	21.355	328.959	5313.414	5711.040	3.131	3.884
188.203	1.000	14.774						
11/4/2016 3:29:45 AM	105300.000	144.300	21.354	328.904	5312.291	5709.884	3.131	3.883
188.243	1.000	14.773						
11/4/2016 3:44:45 AM	106200.000	144.335	21.355	328.984	5313.125	5710.678	3.131	3.883
188.213	1.000	14.769						
11/4/2016 3:59:45 AM	107100.000	144.321	21.358	328.951	5313.357	5710.620	3.131	3.883
188.205	1.000	14.774						
11/4/2016 4:14:45 AM	108000.000	144.329	21.359	328.970	5313.342	5710.521	3.131	3.883
188.205	1.000	14.774						
11/4/2016 4:29:45 AM	108900.000	144.323	21.361	328.957	5313.488	5710.369	3.131	3.883
188.200	1.000	14.769						
11/4/2016 4:44:45 AM	109800.000	144.320	21.358	328.950	5312.869	5710.054	3.131	3.883
188.222	1.000	14.778						
11/4/2016 4:59:45 AM	110700.000	144.301	21.350	328.908	5311.453	5709.446	3.130	3.882
188.272	1.000	14.769						
11/4/2016 5:14:45 AM	111600.000	144.333	21.345	328.980	5308.246	5706.614	3.129	3.880
188.386	1.000	14.772						
11/4/2016 5:29:45 AM	112500.000	144.301	21.336	328.906	5303.213	5702.271	3.126	3.878
188.565	1.000	14.775						
11/4/2016 5:44:45 AM	113400.000	144.307	21.332	328.921	5296.254	5695.301	3.122	3.873
188.813	1.000	14.778						
11/4/2016 5:59:45 AM	114300.000	144.302	21.325	328.908	5292.008	5691.524	3.120	3.870
188.964	1.000	14.778						
11/4/2016 6:14:45 AM	115200.000	144.313	21.315	328.934	5287.299	5687.627	3.118	3.868
189.132	1.000	14.775						
11/4/2016 6:29:45 AM	116100.000	144.352	21.314	329.022	5281.555	5681.519	3.114	3.863
189.338	1.000	14.776						
11/4/2016 6:44:45 AM	117000.000	144.323	21.313	328.956	5279.099	5678.990	3.113	3.862
189.426	1.000	14.774						

11/4/2016 6:59:45 AM	117900.000	144.330	21.314	328.974	5277.495	5677.132	3.111	3.860
189.484	1.000	14.774						
11/4/2016 7:14:45 AM	118800.000	144.328	21.314	328.967	5275.106	5674.582	3.110	3.859
189.570	1.000	14.772						
11/4/2016 7:29:45 AM	119700.000	144.325	21.317	328.961	5276.246	5675.480	3.111	3.859
189.529	1.000	14.769						
11/4/2016 7:44:45 AM	120600.000	144.334	21.315	328.982	5274.920	5674.269	3.110	3.859
189.576	1.000	14.768						
11/4/2016 7:59:45 AM	121500.000	144.328	21.319	328.967	5274.860	5673.775	3.110	3.858
189.578	1.000	14.774						
11/4/2016 8:14:45 AM	122400.000	144.324	21.315	328.959	5274.941	5674.281	3.110	3.859
189.576	1.000	14.778						
11/4/2016 8:29:45 AM	123300.000	144.325	21.320	328.961	5274.939	5673.719	3.109	3.858
189.576	1.000	14.770						
11/4/2016 8:44:45 AM	124200.000	144.291	21.320	328.884	5275.855	5674.764	3.110	3.859
189.543	1.000	14.775						
11/4/2016 8:59:45 AM	125100.000	144.346	21.319	329.009	5275.317	5674.287	3.110	3.859
189.562	1.000	14.771						
11/4/2016 9:14:45 AM	126000.000	144.328	21.320	328.968	5275.153	5673.979	3.110	3.858
189.568	1.000	14.786						
11/4/2016 9:29:45 AM	126900.000	144.326	21.323	328.963	5276.595	5675.213	3.110	3.859
189.516	1.000	14.783						
11/4/2016 9:44:45 AM	127800.000	144.340	21.323	328.996	5276.271	5674.762	3.110	3.859
189.528	1.000	14.775						
11/4/2016 9:59:45 AM	128700.000	144.334	21.322	328.982	5275.100	5673.707	3.109	3.858
189.570	1.000	14.780						
11/4/2016 10:14:45 AM	129600.000	144.340	21.323	328.995	5276.496	5675.086	3.110	3.859
189.520	1.000	14.782						
11/4/2016 10:29:45 AM	130500.000	144.344	21.327	329.005	5277.458	5675.600	3.111	3.859
189.485	1.000	14.782						
11/4/2016 10:44:45 AM	131400.000	144.329	21.327	328.970	5278.104	5676.285	3.111	3.860
189.462	1.000	14.787						
11/4/2016 10:59:45 AM	132300.000	144.380	21.329	329.086	5279.168	5677.223	3.112	3.861
189.424	1.000	14.785						
11/4/2016 11:14:45 AM	133200.000	144.332	21.327	328.978	5279.720	5678.022	3.112	3.861
189.404	1.000	14.786						
11/4/2016 11:29:45 AM	134100.000	144.370	21.324	329.063	5279.875	5678.587	3.112	3.861
189.398	1.000	14.785						
11/4/2016 11:44:45 AM	135000.000	144.301	21.325	328.907	5281.153	5679.829	3.113	3.862
189.353	1.000	14.785						
11/4/2016 11:59:45 AM	135900.000	144.331	21.332	328.974	5282.973	5680.937	3.114	3.863
189.287	1.000	14.790						
11/4/2016 12:14:45 PM	136800.000	144.370	21.346	329.064	5285.633	5682.224	3.114	3.864
189.192	1.000	14.785						
11/4/2016 12:29:45 PM	137700.000	144.364	21.349	329.051	5286.873	5683.218	3.115	3.865
189.148	1.000	14.782						
11/4/2016 12:44:45 PM	138600.000	144.373	21.352	329.071	5289.111	5685.206	3.116	3.866
189.068	1.000	14.779						
11/4/2016 12:59:45 PM	139500.000	144.345	21.348	329.006	5289.923	5686.588	3.117	3.867
189.039	1.000	14.773						
11/4/2016 1:14:45 PM	140400.000	144.334	21.342	328.982	5290.464	5687.825	3.118	3.868
189.019	1.000	14.775						
11/4/2016 1:29:45 PM	141300.000	144.341	21.336	328.998	5290.250	5688.342	3.118	3.868
189.027	1.000	14.779						
11/4/2016 1:44:45 PM	142200.000	144.342	21.330	329.000	5289.764	5688.538	3.118	3.868
189.044	1.000	14.775						
11/4/2016 1:59:45 PM	143100.000	144.342	21.328	329.000	5289.665	5688.635	3.118	3.868
189.048	1.000	14.778						
11/4/2016 2:14:45 PM	144000.000	144.378	21.327	329.081	5290.229	5689.303	3.119	3.869
189.028	1.000	14.778						
11/4/2016 2:29:45 PM	144900.000	144.349	21.323	329.015	5289.480	5689.010	3.118	3.869
189.054	1.000	14.778						
11/4/2016 2:44:45 PM	145800.000	144.356	21.323	329.031	5290.906	5690.596	3.119	3.870
189.004	1.000	14.774						
11/4/2016 2:59:45 PM	146700.000	144.385	21.322	329.099	5292.410	5692.283	3.120	3.871
188.950	1.000	14.778						
11/4/2016 3:14:45 PM	147600.000	144.354	21.323	329.027	5293.096	5692.919	3.121	3.871
188.925	1.000	14.776						
11/4/2016 3:29:45 PM	148500.000	144.350	21.324	329.017	5293.649	5693.421	3.121	3.872
188.906	1.000	14.778						
11/4/2016 3:44:45 PM	149400.000	144.360	21.326	329.040	5294.069	5693.576	3.121	3.872
188.891	1.000	14.775						
11/4/2016 3:59:45 PM	150300.000	144.348	21.326	329.014	5294.651	5694.201	3.121	3.872
188.870	1.000	14.777						
11/4/2016 4:14:45 PM	151200.000	144.348	21.329	329.014	5295.495	5694.843	3.122	3.872
188.840	1.000	14.780						
11/4/2016 4:29:45 PM	152100.000	144.348	21.328	329.014	5294.831	5694.202	3.121	3.872
188.863	1.000	14.779						
11/4/2016 4:44:45 PM	153000.000	144.379	21.331	329.084	5295.979	5695.057	3.122	3.873
188.822	1.000	14.776						
11/4/2016 4:59:45 PM	153900.000	144.347	21.330	329.011	5296.208	5695.456	3.122	3.873
188.814	1.000	14.778						
11/4/2016 5:14:45 PM	154800.000	144.337	21.333	328.989	5297.751	5696.705	3.123	3.874
188.759	1.000	14.780						
11/4/2016 5:29:45 PM	155700.000	144.345	21.332	329.006	5296.641	5695.655	3.122	3.873
188.799	1.000	14.780						
11/4/2016 5:44:45 PM	156600.000	144.344	21.333	329.004	5298.006	5696.990	3.123	3.874
188.750	1.000	14.774						
11/4/2016 5:59:45 PM	157500.000	144.393	21.339	329.094	5298.317	5696.678	3.123	3.874
188.739	1.000	14.777						
11/4/2016 6:14:45 PM	158400.000	144.342	21.340	328.999	5298.698	5696.934	3.123	3.874
188.726	1.000	14.774						
11/4/2016 6:29:45 PM	159300.000	144.344	21.338	329.004	5298.330	5696.754	3.123	3.874
188.739	1.000	14.775						
11/4/2016 6:44:45 PM	160200.000	144.329	21.339	328.971	5299.550	5697.943	3.124	3.875
188.695	1.000	14.778						
11/4/2016 6:59:45 PM	161100.000	144.332	21.341	328.978	5300.340	5698.628	3.124	3.875
188.667	1.000	14.775						
11/4/2016 7:14:45 PM	162000.000	144.335	21.344	328.983	5300.355	5698.244	3.124	3.875
188.667	1.000	14.776						
11/4/2016 7:29:45 PM	162900.000	144.321	21.351	328.951	5300.190	5697.257	3.123	3.874
188.672	1.000	14.778						
11/4/2016 7:44:45 PM	163800.000	144.394	21.350	329.118	5301.704	5698.966	3.124	3.875
188.619	1.000	14.776						
11/4/2016 7:59:45 PM	164700.000	144.353	21.349	329.024	5301.450	5698.910	3.124	3.875
188.628	1.000	14.781						
11/4/2016 8:14:45 PM	165600.000	144.350	21.347	329.018	5301.149	5698.811	3.124	3.875
188.638	1.000	14.774						
11/4/2016 8:29:45 PM	166500.000	144.322	21.344	328.954	5301.285	5699.233	3.124	3.875
188.633	1.000	14.776						
11/4/2016 8:44:45 PM	167400.000	144.343	21.347	329.002	5301.401	5699.040	3.124	3.875
188.629	1.000	14.782						
11/4/2016 8:59:45 PM	168300.000	144.299	21.350	328.902	5301.658	5698.978	3.124	3.875
188.620	1.000	14.781						
11/4/2016 9:14:45 PM	169200.000	144.338	21.350	328.990	5302.135	5699.461	3.125	3.876
188.603	1.000	14.780						
11/4/2016 9:29:45 PM	170100.000	144.294	21.349	328.890	5302.272	5699.772	3.125	3.876
188.598	1.000	14.786						
11/4/2016 9:44:45 PM	171000.000	144.331	21.349	328.975	5302.591	5700.104	3.125	3.876
188.587	1.000	14.782						
11/4/2016 9:59:45 PM	171900.000	144.292	21.348	328.887	5303.403	5701.060	3.126	3.877
188.558	1.000	14.784						
11/4/2016 10:14:45 PM	172800.000	144.335	21.349	328.985	5303.400	5700.903	3.125	3.877
188.558	1.000	14.780						
11/4/2016 10:29:45 PM	173700.000	144.278	21.351	328.855	5303.972	5701.282	3.126	3.877
188.538	1.000	14.787						
11/4/2016 10:44:45 PM	174600.000	144.278	21.355	328.854	5304.792	5701.784	3.126	3.877
188.509	1.000	14.792						
11/4/2016 10:59:45 PM	175500.000	144.271	21.355	328.839	5304.307	5701.251	3.126	3.877
188.526	1.000	14.792						
11/4/2016 11:14:45 PM	176400.000	144.304	21.356	328.913	5305.496	5702.437	3.126	3.878
188.484	1.000	14.794						
11/4/2016 11:29:45 PM	177300.000	144.306	21.357	328.918	5305.719	5702.522	3.126	3.878

188.476	1.000	14.791						
11/4/2016 11:44:45 PM	178200.000	144.300	21.359	328.904	5304.849	5701.383	3.126	3.877
188.507	1.000	14.794						
11/4/2016 11:59:45 PM	179100.000	144.254	21.359	328.799	5306.166	5702.756	3.127	3.878
188.460	1.000	14.795						
11/5/2016 12:14:45 AM	180000.000	144.248	21.353	328.786	5306.167	5703.456	3.127	3.878
188.460	1.000	14.795						
11/5/2016 12:29:45 AM	180900.000	144.252	21.344	328.795	5297.874	5695.629	3.122	3.873
188.755	1.000	14.796						
11/5/2016 12:44:45 AM	181800.000	144.255	21.341	328.803	5292.695	5690.379	3.119	3.869
188.940	1.000	14.793						
11/5/2016 12:59:45 AM	182700.000	144.270	21.339	328.835	5290.296	5687.982	3.118	3.868
189.025	1.000	14.782						
11/5/2016 1:14:45 AM	183600.000	144.265	21.336	328.826	5285.740	5683.535	3.115	3.865
189.188	1.000	14.784						
11/5/2016 1:29:45 AM	184500.000	144.288	21.334	328.878	5279.679	5677.221	3.112	3.861
189.405	1.000	14.793						
11/5/2016 1:44:45 AM	185400.000	144.259	21.332	328.810	5278.168	5675.781	3.111	3.860
189.460	1.000	14.788						
11/5/2016 1:59:45 AM	186300.000	144.254	21.332	328.800	5274.361	5671.728	3.108	3.857
189.596	1.000	14.785						
11/5/2016 2:14:45 AM	187200.000	144.255	21.332	328.802	5270.445	5667.557	3.106	3.854
189.737	1.000	14.786						
11/5/2016 2:29:45 AM	188100.000	144.263	21.331	328.819	5268.965	5666.007	3.105	3.853
189.791	1.000	14.781						
11/5/2016 2:44:45 AM	189000.000	144.259	21.330	328.811	5266.500	5663.499	3.104	3.851
189.879	1.000	14.782						
11/5/2016 2:59:45 AM	189900.000	144.261	21.330	328.815	5263.534	5660.279	3.102	3.849
189.986	1.000	14.781						
11/5/2016 3:14:45 AM	190800.000	144.267	21.329	328.829	5262.227	5658.975	3.101	3.848
190.034	1.000	14.785						
11/5/2016 3:29:45 AM	191700.000	144.299	21.330	328.902	5261.097	5657.729	3.100	3.847
190.074	1.000	14.783						
11/5/2016 3:44:45 AM	192600.000	144.257	21.330	328.806	5259.106	5655.498	3.099	3.846
190.146	1.000	14.788						
11/5/2016 3:59:45 AM	193500.000	144.292	21.330	328.887	5257.790	5654.153	3.098	3.845
190.194	1.000	14.789						
11/5/2016 4:14:45 AM	194400.000	144.259	21.329	328.812	5257.153	5653.519	3.098	3.844
190.217	1.000	14.785						
11/5/2016 4:29:45 AM	195300.000	144.260	21.329	328.813	5255.154	5651.408	3.096	3.843
190.289	1.000	14.778						
11/5/2016 4:44:45 AM	196200.000	144.309	21.329	328.926	5254.426	5650.596	3.096	3.842
190.316	1.000	14.774						
11/5/2016 4:59:45 AM	197100.000	144.268	21.329	328.832	5252.603	5648.706	3.095	3.841
190.382	1.000	14.773						
11/5/2016 5:14:45 AM	198000.000	144.265	21.327	328.824	5249.208	5645.269	3.093	3.839
190.505	1.000	14.769						
11/5/2016 5:29:45 AM	198900.000	144.281	21.324	328.860	5247.728	5644.032	3.092	3.838
190.559	1.000	14.770						
11/5/2016 5:44:45 AM	199800.000	144.281	21.315	328.861	5244.531	5641.661	3.091	3.836
190.675	1.000	14.769						
11/5/2016 5:59:45 AM	200700.000	144.293	21.312	328.888	5240.809	5637.991	3.089	3.834
190.810	1.000	14.767						
11/5/2016 6:14:45 AM	201600.000	144.282	21.312	328.863	5236.393	5633.170	3.086	3.831
190.971	1.000	14.771						
11/5/2016 6:29:45 AM	202500.000	144.289	21.311	328.878	5234.778	5631.575	3.085	3.829
191.030	1.000	14.773						
11/5/2016 6:44:45 AM	203400.000	144.292	21.311	328.885	5233.854	5630.641	3.084	3.829
191.064	1.000	14.772						
11/5/2016 6:59:45 AM	204300.000	144.295	21.313	328.893	5234.445	5630.953	3.084	3.829
191.042	1.000	14.771						
11/5/2016 7:14:45 AM	205200.000	144.294	21.313	328.890	5233.687	5630.167	3.084	3.829
191.070	1.000	14.774						
11/5/2016 7:29:45 AM	206100.000	144.262	21.313	328.818	5233.229	5629.685	3.084	3.828
191.087	1.000	14.774						
11/5/2016 7:44:45 AM	207000.000	144.305	21.314	328.916	5232.904	5629.235	3.083	3.828
191.098	1.000	14.771						
11/5/2016 7:59:45 AM	207900.000	144.297	21.314	328.898	5233.103	5629.417	3.084	3.828
191.091	1.000	14.773						
11/5/2016 8:14:45 AM	208800.000	144.264	21.317	328.822	5233.610	5629.648	3.084	3.828
191.073	1.000	14.775						
11/5/2016 8:29:45 AM	209700.000	144.309	21.316	328.924	5232.835	5628.876	3.083	3.828
191.101	1.000	14.771						
11/5/2016 8:44:45 AM	210600.000	144.306	21.316	328.919	5232.708	5628.821	3.083	3.828
191.106	1.000	14.774						
11/5/2016 8:59:45 AM	211500.000	144.314	21.317	328.935	5233.234	5629.265	3.083	3.828
191.086	1.000	14.769						
11/5/2016 9:14:45 AM	212400.000	144.317	21.317	328.943	5233.863	5629.861	3.084	3.828
191.063	1.000	14.767						
11/5/2016 9:29:45 AM	213300.000	144.311	21.319	328.930	5234.212	5629.994	3.084	3.828
191.051	1.000	14.769						
11/5/2016 9:44:45 AM	214200.000	144.277	21.315	328.852	5233.438	5629.667	3.084	3.828
191.079	1.000	14.775						
11/5/2016 9:59:45 AM	215100.000	144.313	21.317	328.935	5234.246	5630.283	3.084	3.829
191.049	1.000	14.785						
11/5/2016 10:14:45 AM	216000.000	144.325	21.318	328.961	5234.266	5630.254	3.084	3.829
191.049	1.000	14.775						
11/5/2016 10:29:45 AM	216900.000	144.323	21.318	328.957	5235.820	5631.937	3.085	3.830
190.992	1.000	14.774						
11/5/2016 10:44:45 AM	217800.000	144.315	21.319	328.938	5235.456	5631.432	3.085	3.829
191.005	1.000	14.781						
11/5/2016 10:59:45 AM	218700.000	144.319	21.317	328.947	5236.554	5632.746	3.086	3.830
190.965	1.000	14.779						
11/5/2016 11:14:45 AM	219600.000	144.311	21.318	328.929	5237.064	5633.192	3.086	3.831
190.947	1.000	14.785						
11/5/2016 11:29:45 AM	220500.000	144.310	21.322	328.928	5238.893	5634.784	3.087	3.832
190.880	1.000	14.786						
11/5/2016 11:44:45 AM	221400.000	144.323	21.327	328.956	5239.313	5634.607	3.087	3.832
190.865	1.000	14.780						
11/5/2016 11:59:45 AM	222300.000	144.315	21.322	328.939	5239.139	5634.999	3.087	3.832
190.871	1.000	14.786						
11/5/2016 12:14:45 PM	223200.000	144.313	21.320	328.933	5239.563	5635.708	3.087	3.832
190.856	1.000	14.785						
11/5/2016 12:29:45 PM	224100.000	144.313	21.321	328.935	5240.646	5636.771	3.088	3.833
190.816	1.000	14.784						
11/5/2016 12:44:45 PM	225000.000	144.308	21.322	328.922	5242.409	5638.495	3.089	3.834
190.752	1.000	14.780						
11/5/2016 12:59:45 PM	225900.000	144.323	21.327	328.957	5243.063	5638.620	3.089	3.834
190.728	1.000	14.778						
11/5/2016 1:14:45 PM	226800.000	144.309	21.334	328.925	5244.436	5639.345	3.089	3.835
190.678	1.000	14.780						
11/5/2016 1:29:45 PM	227700.000	144.311	21.328	328.929	5244.061	5639.550	3.090	3.835
190.692	1.000	14.781						
11/5/2016 1:44:45 PM	228600.000	144.308	21.325	328.922	5243.310	5639.128	3.089	3.835
190.719	1.000	14.780						
11/5/2016 1:59:45 PM	229500.000	144.312	21.323	328.932	5245.388	5641.648	3.091	3.836
190.644	1.000	14.778						
11/5/2016 2:14:45 PM	230400.000	144.341	21.333	328.997	5245.894	5640.984	3.090	3.836
190.625	1.000	14.780						
11/5/2016 2:29:45 PM	231300.000	144.300	21.332	328.904	5246.352	5641.537	3.091	3.836
190.609	1.000	14.784						
11/5/2016 2:44:45 PM	232200.000	144.313	21.337	328.934	5247.149	5641.897	3.091	3.836
190.580	1.000	14.773						
11/5/2016 2:59:45 PM	233100.000	144.306	21.335	328.918	5247.531	5642.571	3.091	3.837
190.566	1.000	14.773						
11/5/2016 3:14:45 PM	234000.000	144.347	21.325	329.012	5247.104	5643.221	3.092	3.837
190.581	1.000	14.779						
11/5/2016 3:29:45 PM	234900.000	144.311	21.328	328.928	5247.704	5643.560	3.092	3.838
190.560	1.000	14.778						
11/5/2016 3:44:45 PM	235800.000	144.313	21.326	328.935	5247.223	5643.215	3.092	3.837
190.577	1.000	14.772						
11/5/2016 3:59:45 PM	236700.000	144.303	21.333	328.910	5248.186	5643.459	3.092	3.838
190.542	1.000	14.775						

11/5/2016 4:14:45 PM	237600.000	144.305	21.329	328.917	5248.720	5644.470	3.092	3.838
190.523	1.000	14.773						
11/5/2016 4:29:45 PM	238500.000	144.300	21.323	328.904	5249.209	5645.759	3.093	3.839
190.505	1.000	14.779						
11/5/2016 4:44:45 PM	239400.000	144.306	21.325	328.918	5249.281	5645.562	3.093	3.839
190.502	1.000	14.777						
11/5/2016 4:59:45 PM	240300.000	144.326	21.327	328.964	5249.898	5646.021	3.093	3.839
190.480	1.000	14.774						
11/5/2016 5:14:45 PM	241200.000	144.299	21.335	328.902	5250.158	5645.335	3.093	3.839
190.470	1.000	14.769						
11/5/2016 5:29:45 PM	242100.000	144.297	21.335	328.898	5251.971	5647.275	3.094	3.840
190.405	1.000	14.765						
11/5/2016 5:44:45 PM	243000.000	144.296	21.332	328.894	5252.304	5647.947	3.094	3.841
190.393	1.000	14.767						
11/5/2016 5:59:45 PM	243900.000	144.298	21.330	328.900	5251.512	5647.381	3.094	3.840
190.421	1.000	14.767						
11/5/2016 6:14:45 PM	244800.000	144.301	21.329	328.906	5251.667	5647.670	3.094	3.840
190.416	1.000	14.761						
11/5/2016 6:29:45 PM	245700.000	144.299	21.327	328.902	5252.308	5648.632	3.095	3.841
190.393	1.000	14.759						
11/5/2016 6:44:45 PM	246600.000	144.293	21.325	328.889	5251.598	5647.991	3.094	3.841
190.418	1.000	14.757						
11/5/2016 6:59:45 PM	247500.000	144.284	21.326	328.868	5252.976	5649.372	3.095	3.842
190.368	1.000	14.767						
11/5/2016 7:14:45 PM	248400.000	144.288	21.327	328.876	5252.769	5649.128	3.095	3.841
190.376	1.000	14.763						
11/5/2016 7:29:45 PM	249300.000	144.251	21.328	328.793	5253.586	5649.846	3.096	3.842
190.346	1.000	14.757						
11/5/2016 7:44:45 PM	250200.000	144.275	21.332	328.848	5254.316	5650.163	3.096	3.842
190.320	1.000	14.763						
11/5/2016 7:59:45 PM	251100.000	144.280	21.331	328.858	5254.058	5649.945	3.096	3.842
190.329	1.000	14.759						
11/5/2016 8:14:45 PM	252000.000	144.304	21.333	328.914	5254.276	5649.976	3.096	3.842
190.321	1.000	14.765						
11/5/2016 8:29:45 PM	252900.000	144.302	21.334	328.910	5255.562	5651.319	3.096	3.843
190.275	1.000	14.764						
11/5/2016 8:44:45 PM	253800.000	144.272	21.335	328.840	5255.292	5650.826	3.096	3.843
190.284	1.000	14.755						
11/5/2016 8:59:45 PM	254700.000	144.260	21.338	328.814	5256.456	5651.752	3.097	3.843
190.242	1.000	14.764						
11/5/2016 9:14:45 PM	255600.000	144.256	21.339	328.804	5256.868	5652.061	3.097	3.843
190.227	1.000	14.759						
11/5/2016 9:29:45 PM	256500.000	144.288	21.344	328.876	5258.537	5653.317	3.098	3.844
190.167	1.000	14.759						
11/5/2016 9:44:45 PM	257400.000	144.245	21.343	328.780	5258.476	5653.344	3.098	3.844
190.169	1.000	14.761						
11/5/2016 9:59:45 PM	258300.000	144.246	21.342	328.781	5257.810	5652.771	3.097	3.844
190.193	1.000	14.767						
11/5/2016 10:14:45 PM	259200.000	144.274	21.345	328.845	5258.977	5653.607	3.098	3.844
190.151	1.000	14.766						
11/5/2016 10:29:45 PM	260100.000	144.230	21.342	328.745	5259.053	5654.146	3.098	3.845
190.148	1.000	14.769						
11/5/2016 10:44:45 PM	261000.000	144.235	21.344	328.756	5259.656	5654.521	3.098	3.845
190.126	1.000	14.770						
11/5/2016 10:59:45 PM	261900.000	144.224	21.342	328.732	5258.902	5653.975	3.098	3.845
190.154	1.000	14.774						
11/5/2016 11:14:45 PM	262800.000	144.219	21.344	328.719	5259.667	5654.521	3.098	3.845
190.126	1.000	14.776						
11/5/2016 11:29:45 PM	263700.000	144.216	21.346	328.713	5259.779	5654.358	3.098	3.845
190.122	1.000	14.772						
11/5/2016 11:44:45 PM	264600.000	144.217	21.349	328.714	5260.327	5654.651	3.098	3.845
190.102	1.000	14.768						
11/5/2016 11:59:45 PM	265500.000	144.251	21.353	328.792	5261.543	5655.460	3.099	3.846
190.058	1.000	14.769						
11/6/2016 12:14:45 AM	266400.000	144.201	21.352	328.678	5261.858	5655.982	3.099	3.846
190.047	1.000	14.768						
11/6/2016 12:29:45 AM	267300.000	144.250	21.355	328.790	5261.940	5655.694	3.099	3.846
190.044	1.000	14.761						
11/6/2016 12:44:45 AM	268200.000	144.235	21.352	328.756	5262.298	5656.425	3.099	3.846
190.031	1.000	14.772						
11/6/2016 12:59:45 AM	269100.000	144.194	21.355	328.663	5262.763	5656.619	3.100	3.847
190.014	1.000	14.772						
11/6/2016 1:14:45 AM	270000.000	144.239	21.356	328.764	5263.177	5656.881	3.100	3.847
189.999	1.000	14.772						
11/6/2016 1:29:45 AM	270900.000	144.200	21.357	328.676	5263.451	5657.104	3.100	3.847
189.989	1.000	14.769						
11/6/2016 1:44:45 AM	271800.000	144.194	21.349	328.664	5263.263	5657.798	3.100	3.847
189.996	1.000	14.771						
11/6/2016 1:59:45 AM	272700.000	144.196	21.340	328.667	5253.675	5648.578	3.095	3.841
190.343	1.000	14.773						
11/6/2016 2:14:45 AM	273600.000	144.228	21.337	328.741	5248.880	5643.677	3.092	3.838
190.517	1.000	14.775						
11/6/2016 2:29:45 AM	274500.000	144.237	21.337	328.760	5246.324	5641.010	3.090	3.836
190.610	1.000	14.775						
11/6/2016 2:44:45 AM	275400.000	144.197	21.336	328.670	5244.572	5639.197	3.089	3.835
190.673	1.000	14.768						
11/6/2016 2:59:45 AM	276300.000	144.192	21.334	328.658	5243.001	5637.760	3.088	3.834
190.730	1.000	14.775						
11/6/2016 2:14:45 AM	277200.000	144.200	21.330	328.675	5239.717	5634.687	3.087	3.832
190.850	1.000	14.771						
11/6/2016 2:29:45 AM	278100.000	144.200	21.327	328.676	5236.521	5631.614	3.085	3.829
190.967	1.000	14.773						
11/6/2016 2:44:45 AM	279000.000	144.170	21.318	328.608	5233.631	5629.531	3.084	3.828
191.072	1.000	14.776						
11/6/2016 2:59:45 AM	279900.000	144.210	21.312	328.699	5229.017	5625.256	3.081	3.825
191.241	1.000	14.773						
11/6/2016 3:14:45 AM	280800.000	144.212	21.311	328.704	5225.397	5621.483	3.079	3.823
191.373	1.000	14.774						
11/6/2016 3:29:45 AM	281700.000	144.287	21.315	328.875	5223.687	5619.229	3.078	3.821
191.436	1.000	14.769						
11/6/2016 3:44:45 AM	282600.000	144.212	21.318	328.703	5223.012	5618.117	3.077	3.820
191.460	1.000	14.773						
11/6/2016 3:59:45 AM	283500.000	144.214	21.312	328.707	5220.625	5616.228	3.076	3.819
191.548	1.000	14.767						
11/6/2016 4:14:45 AM	284400.000	144.225	21.312	328.734	5220.839	5616.417	3.076	3.819
191.540	1.000	14.757						
11/6/2016 4:29:45 AM	285300.000	144.212	21.316	328.704	5220.344	5615.489	3.075	3.819
191.558	1.000	14.763						
11/6/2016 4:44:45 AM	286200.000	144.215	21.315	328.710	5220.371	5615.671	3.076	3.819
191.557	1.000	14.763						
11/6/2016 4:59:45 AM	287100.000	144.219	21.315	328.720	5220.130	5615.382	3.075	3.818
191.566	1.000	14.770						
11/6/2016 5:14:45 AM	288000.000	144.220	21.317	328.722	5220.501	5615.529	3.075	3.819
191.552	1.000	14.771						
11/6/2016 5:29:45 AM	288900.000	144.217	21.319	328.716	5221.000	5615.842	3.076	3.819
191.534	1.000	14.768						
11/6/2016 5:44:45 AM	289800.000	144.233	21.317	328.752	5221.446	5616.575	3.076	3.819
191.518	1.000	14.765						
11/6/2016 5:59:45 AM	290700.000	144.231	21.319	328.748	5221.472	5616.310	3.076	3.819
191.517	1.000	14.764						
11/6/2016 6:14:45 AM	291600.000	144.218	21.322	328.717	5221.241	5615.728	3.076	3.819
191.525	1.000	14.777						
11/6/2016 6:29:45 AM	292500.000	144.232	21.319	328.750	5221.130	5615.952	3.076	3.819
191.529	1.000	14.773						
11/6/2016 6:44:45 AM	293400.000	144.205	21.324	328.687	5223.202	5617.584	3.077	3.820
191.453	1.000	14.769						
11/6/2016 6:59:45 AM	294300.000	144.240	21.328	328.767	5223.979	5618.005	3.077	3.820
191.425	1.000	14.771						
11/6/2016 7:14:45 AM	295200.000	144.268	21.320	328.831	5224.284	5619.192	3.078	3.821
191.414	1.000	14.777						
11/6/2016 7:29:45 AM	296100.000	144.239	21.329	328.765	5226.220	5620.293	3.078	3.822
191.343	1.000	14.779						
11/6/2016 7:44:45 AM	297000.000	144.244	21.325	328.777	5226.237	5620.716	3.079	3.822

191.342	1.000	14.773						
11/6/2016 7:59:45 AM	297900.000	144.245	21.324	328.779	5227.471	5622.185	3.079	3.823
191.297	1.000	14.783						
11/6/2016 8:14:45 AM	298800.000	144.243	21.324	328.773	5227.772	5622.509	3.080	3.823
191.286	1.000	14.778						
11/6/2016 8:29:45 AM	299700.000	144.249	21.329	328.788	5229.017	5623.353	3.080	3.824
191.241	1.000	14.782						
11/6/2016 8:44:45 AM	300600.000	144.248	21.323	328.786	5229.799	5624.831	3.081	3.825
191.212	1.000	14.784						
11/6/2016 8:59:45 AM	301500.000	144.252	21.326	328.795	5230.696	5625.400	3.081	3.825
191.179	1.000	14.790						
11/6/2016 9:14:45 AM	302400.000	144.251	21.331	328.792	5231.594	5625.860	3.082	3.826
191.146	1.000	14.785						
11/6/2016 9:29:45 AM	303300.000	144.247	21.321	328.784	5231.876	5627.338	3.082	3.827
191.136	1.000	14.793						
11/6/2016 9:44:45 AM	304200.000	144.263	21.328	328.821	5233.168	5627.897	3.083	3.827
191.089	1.000	14.786						
11/6/2016 9:59:45 AM	305100.000	144.264	21.326	328.821	5233.904	5628.870	3.083	3.828
191.062	1.000	14.783						
11/6/2016 10:14:45 AM	306000.000	144.269	21.323	328.832	5234.476	5629.881	3.084	3.828
191.041	1.000	14.786						
11/6/2016 10:29:45 AM	306900.000	144.265	21.329	328.825	5235.395	5630.190	3.084	3.829
191.008	1.000	14.785						
11/6/2016 10:44:45 AM	307800.000	144.262	21.329	328.817	5235.139	5629.854	3.084	3.828
191.017	1.000	14.791						
11/6/2016 10:59:45 AM	308700.000	144.261	21.333	328.816	5237.679	5632.162	3.085	3.830
190.924	1.000	14.795						
11/6/2016 11:14:45 AM	309600.000	144.267	21.328	328.829	5236.707	5631.733	3.085	3.830
190.960	1.000	14.788						
11/6/2016 11:29:45 AM	310500.000	144.269	21.325	328.834	5238.099	5633.473	3.086	3.831
190.909	1.000	14.789						
11/6/2016 11:44:45 AM	311400.000	144.268	21.331	328.832	5238.482	5633.298	3.086	3.831
190.895	1.000	14.784						
11/6/2016 11:59:45 AM	312300.000	144.270	21.323	328.836	5237.457	5633.057	3.086	3.830
190.932	1.000	14.783						
11/6/2016 12:14:45 PM	313200.000	144.272	21.325	328.841	5238.066	5633.540	3.086	3.831
190.910	1.000	14.778						
11/6/2016 12:29:45 PM	314100.000	144.258	21.324	328.809	5238.915	5634.543	3.087	3.831
190.879	1.000	14.787						
11/6/2016 12:44:45 PM	315000.000	144.267	21.335	328.829	5241.532	5636.050	3.087	3.833
190.784	1.000	14.783						
11/6/2016 12:59:45 PM	315900.000	144.245	21.337	328.779	5242.056	5636.370	3.088	3.833
190.765	1.000	14.782						
11/6/2016 1:14:45 PM	316800.000	144.261	21.333	328.815	5242.035	5636.834	3.088	3.833
190.766	1.000	14.785						
11/6/2016 1:29:45 PM	317700.000	144.263	21.334	328.821	5242.478	5637.239	3.088	3.833
190.750	1.000	14.781						
11/6/2016 1:44:45 PM	318600.000	144.258	21.339	328.808	5243.807	5638.039	3.089	3.834
190.701	1.000	14.777						
11/6/2016 1:59:45 PM	319500.000	144.261	21.343	328.815	5244.283	5638.044	3.089	3.834
190.684	1.000	14.775						
11/6/2016 2:14:45 PM	320400.000	144.256	21.343	328.804	5245.854	5639.814	3.090	3.835
190.627	1.000	14.781						
11/6/2016 2:29:45 PM	321300.000	144.260	21.341	328.814	5245.308	5639.400	3.089	3.835
190.647	1.000	14.778						
11/6/2016 2:44:45 PM	322200.000	144.253	21.342	328.798	5246.688	5640.813	3.090	3.836
190.596	1.000	14.782						
11/6/2016 2:59:45 PM	323100.000	144.260	21.337	328.813	5246.599	5641.264	3.091	3.836
190.600	1.000	14.778						
11/6/2016 3:14:45 PM	324000.000	144.300	21.340	328.904	5247.566	5641.950	3.091	3.837
190.565	1.000	14.779						
11/6/2016 3:29:45 PM	324900.000	144.266	21.339	328.827	5247.891	5642.420	3.091	3.837
190.553	1.000	14.778						
11/6/2016 3:44:45 PM	325800.000	144.255	21.342	328.803	5247.751	5641.895	3.091	3.836
190.558	1.000	14.782						
11/6/2016 3:59:45 PM	326700.000	144.244	21.332	328.776	5247.654	5642.968	3.092	3.837
190.561	1.000	14.785						
11/6/2016 4:14:45 PM	327600.000	144.255	21.333	328.801	5247.803	5643.028	3.092	3.837
190.556	1.000	14.784						
11/6/2016 4:29:45 PM	328500.000	144.290	21.338	328.881	5248.597	5643.281	3.092	3.837
190.527	1.000	14.780						
11/6/2016 4:44:45 PM	329400.000	144.251	21.342	328.792	5249.830	5644.149	3.092	3.838
190.482	1.000	14.785						
11/6/2016 4:59:45 PM	330300.000	144.290	21.343	328.881	5249.730	5643.900	3.092	3.838
190.486	1.000	14.785						
11/6/2016 5:14:45 PM	331200.000	144.256	21.351	328.803	5250.654	5644.050	3.092	3.838
190.452	1.000	14.789						
11/6/2016 5:29:45 PM	332100.000	144.250	21.349	328.789	5251.324	5645.004	3.093	3.839
190.428	1.000	14.786						
11/6/2016 5:44:45 PM	333000.000	144.278	21.347	328.854	5251.500	5645.428	3.093	3.839
190.422	1.000	14.796						
11/6/2016 5:59:45 PM	333900.000	144.275	21.344	328.848	5251.385	5645.639	3.093	3.839
190.426	1.000	14.796						
11/6/2016 6:14:45 PM	334800.000	144.253	21.342	328.797	5251.354	5645.830	3.093	3.839
190.427	1.000	14.788						
11/6/2016 6:29:45 PM	335700.000	144.245	21.347	328.779	5252.277	5646.211	3.093	3.839
190.394	1.000	14.790						
11/6/2016 6:44:45 PM	336600.000	144.236	21.350	328.758	5253.143	5646.817	3.094	3.840
190.362	1.000	14.797						
11/6/2016 6:59:45 PM	337500.000	144.233	21.353	328.752	5254.749	5648.137	3.095	3.841
190.304	1.000	14.796						
11/6/2016 7:14:45 PM	338400.000	144.238	21.348	328.762	5254.090	5648.068	3.095	3.841
190.328	1.000	14.798						
11/6/2016 7:29:45 PM	339300.000	144.274	21.346	328.844	5254.213	5648.405	3.095	3.841
190.323	1.000	14.796						
11/6/2016 7:44:45 PM	340200.000	144.232	21.341	328.749	5254.131	5648.926	3.095	3.841
190.326	1.000	14.803						
11/6/2016 7:59:45 PM	341100.000	144.243	21.339	328.774	5255.032	5650.128	3.096	3.842
190.294	1.000	14.795						
11/6/2016 8:14:45 PM	342000.000	144.281	21.342	328.862	5256.341	5651.160	3.096	3.843
190.246	1.000	14.791						
11/6/2016 8:29:45 PM	342900.000	144.245	21.340	328.778	5256.080	5651.103	3.096	3.843
190.256	1.000	14.793						
11/6/2016 8:44:45 PM	343800.000	144.229	21.345	328.742	5256.756	5651.280	3.096	3.843
190.231	1.000	14.794						
11/6/2016 8:59:45 PM	344700.000	144.262	21.351	328.819	5258.252	5652.228	3.097	3.844
190.177	1.000	14.792						
11/6/2016 9:14:45 PM	345600.000	144.260	21.351	328.812	5258.745	5652.676	3.097	3.844
190.159	1.000	14.792						
11/6/2016 9:29:45 PM	346500.000	144.230	21.346	328.746	5257.782	5652.251	3.097	3.844
190.194	1.000	14.785						
11/6/2016 9:44:45 PM	347400.000	144.262	21.344	328.819	5257.816	5652.501	3.097	3.844
190.193	1.000	14.782						
11/6/2016 9:59:45 PM	348300.000	144.260	21.350	328.812	5258.985	5653.036	3.097	3.844
190.151	1.000	14.783						
11/6/2016 10:14:45 PM	349200.000	144.223	21.348	328.729	5260.370	5654.780	3.098	3.845
190.101	1.000	14.788						
11/6/2016 10:29:45 PM	350100.000	144.220	21.351	328.722	5260.048	5654.127	3.098	3.845
190.112	1.000	14.794						
11/6/2016 10:44:45 PM	351000.000	144.251	21.353	328.793	5260.717	5654.633	3.098	3.845
190.088	1.000	14.788						
11/6/2016 10:59:45 PM	351900.000	144.210	21.354	328.699	5260.193	5653.917	3.098	3.845
190.107	1.000	14.791						
11/6/2016 11:14:45 PM	352800.000	144.258	21.354	328.808	5261.313	5655.181	3.099	3.846
190.067	1.000	14.789						
11/6/2016 11:29:45 PM	353700.000	144.218	21.355	328.718	5261.846	5655.531	3.099	3.846
190.047	1.000	14.791						
11/6/2016 11:44:45 PM	354600.000	144.247	21.357	328.784	5261.859	5655.403	3.099	3.846
190.047	1.000	14.789						
11/6/2016 11:59:45 PM	355500.000	144.242	21.358	328.771	5263.604	5657.116	3.100	3.847
189.984	1.000	14.789						
11/7/2016 12:14:45 AM	356400.000	144.206	21.360	328.689	5264.189	5657.542	3.100	3.847
189.963	1.000	14.785						

11/7/2016 12:29:45 AM	357300.000	144.210	21.356	328.699	5264.046	5657.887	3.100	3.847
189.968	1.000	14.783						
11/7/2016 12:44:45 AM	358200.000	144.207	21.346	328.691	5257.768	5652.257	3.097	3.844
190.195	1.000	14.790						
11/7/2016 12:59:45 AM	359100.000	144.206	21.339	328.691	5250.476	5645.240	3.093	3.839
190.459	1.000	14.790						
11/7/2016 1:14:45 AM	360000.000	144.220	21.335	328.722	5245.457	5640.280	3.090	3.835
190.641	1.000	14.787						
11/7/2016 1:29:45 AM	360900.000	144.217	21.333	328.715	5240.205	5634.896	3.087	3.832
190.832	1.000	14.793						
11/7/2016 1:44:45 AM	361800.000	144.181	21.331	328.633	5236.129	5630.767	3.084	3.829
190.981	1.000	14.788						
11/7/2016 1:59:45 AM	362700.000	144.211	21.326	328.702	5231.229	5626.023	3.082	3.826
191.160	1.000	14.787						
11/7/2016 2:14:45 AM	363600.000	144.217	21.314	328.714	5226.254	5622.081	3.079	3.823
191.342	1.000	14.786						
11/7/2016 2:29:45 AM	364500.000	144.225	21.309	328.732	5220.736	5616.681	3.076	3.819
191.544	1.000	14.788						
11/7/2016 2:44:45 AM	365400.000	144.232	21.308	328.749	5217.659	5613.481	3.074	3.817
191.657	1.000	14.781						
11/7/2016 2:59:45 AM	366300.000	144.231	21.309	328.748	5215.517	5611.066	3.073	3.816
191.736	1.000	14.787						
11/7/2016 3:14:45 AM	367200.000	144.223	21.309	328.729	5213.253	5608.610	3.071	3.814
191.819	1.000	14.790						
11/7/2016 3:29:45 AM	368100.000	144.229	21.310	328.743	5212.795	5608.068	3.071	3.813
191.836	1.000	14.783						
11/7/2016 3:44:45 AM	369000.000	144.223	21.311	328.730	5212.445	5607.499	3.071	3.813
191.849	1.000	14.788						
11/7/2016 3:59:45 AM	369900.000	144.275	21.313	328.847	5211.866	5606.673	3.070	3.813
191.870	1.000	14.788						
11/7/2016 4:14:45 AM	370800.000	144.191	21.313	328.656	5211.578	5606.364	3.070	3.812
191.880	1.000	14.787						
11/7/2016 4:29:45 AM	371700.000	144.232	21.311	328.748	5211.146	5606.122	3.070	3.812
191.896	1.000	14.795						
11/7/2016 4:44:45 AM	372600.000	144.246	21.312	328.780	5210.767	5605.623	3.070	3.812
191.910	1.000	14.789						
11/7/2016 4:59:45 AM	373500.000	144.282	21.315	328.862	5211.929	5606.581	3.070	3.812
191.868	1.000	14.790						
11/7/2016 5:14:45 AM	374400.000	144.246	21.313	328.782	5211.666	5606.427	3.070	3.812
191.877	1.000	14.792						
11/7/2016 5:29:45 AM	375300.000	144.241	21.317	328.769	5211.562	5605.953	3.070	3.812
191.881	1.000	14.795						
11/7/2016 5:44:45 AM	376200.000	144.248	21.317	328.785	5212.119	5606.513	3.070	3.812
191.861	1.000	14.791						
11/7/2016 5:59:45 AM	377100.000	144.253	21.317	328.796	5212.108	5606.531	3.070	3.812
191.861	1.000	14.794						
11/7/2016 6:14:45 AM	378000.000	144.254	21.317	328.799	5211.769	5606.095	3.070	3.812
191.873	1.000	14.794						
11/7/2016 6:29:45 AM	378900.000	144.261	21.316	328.815	5211.585	5606.079	3.070	3.812
191.880	1.000	14.787						
11/7/2016 6:44:45 AM	379800.000	144.261	21.316	328.815	5212.561	5607.067	3.071	3.813
191.844	1.000	14.788						
11/7/2016 6:59:45 AM	380700.000	144.245	21.322	328.779	5213.751	5607.662	3.071	3.813
191.800	1.000	14.799						
11/7/2016 7:14:45 AM	381600.000	144.270	21.318	328.837	5213.404	5607.753	3.071	3.813
191.813	1.000	14.795						
11/7/2016 7:29:45 AM	382500.000	144.262	21.321	328.817	5214.311	5608.415	3.071	3.814
191.780	1.000	14.802						
11/7/2016 7:44:45 AM	383400.000	144.267	21.320	328.828	5213.659	5607.765	3.071	3.813
191.804	1.000	14.802						
11/7/2016 7:59:45 AM	384300.000	144.271	21.320	328.838	5215.237	5609.533	3.072	3.814
191.746	1.000	14.801						
11/7/2016 8:14:45 AM	385200.000	144.272	21.326	328.841	5215.963	5609.606	3.072	3.815
191.719	1.000	14.806						
11/7/2016 8:29:45 AM	386100.000	144.240	21.321	328.768	5216.840	5611.094	3.073	3.816
191.687	1.000	14.802						
11/7/2016 8:44:45 AM	387000.000	144.273	21.324	328.843	5218.615	5612.661	3.074	3.817
191.622	1.000	14.807						
11/7/2016 8:59:45 AM	387900.000	144.282	21.328	328.862	5220.601	5614.352	3.075	3.818
191.549	1.000	14.800						
11/7/2016 9:14:45 AM	388800.000	144.277	21.328	328.852	5220.136	5613.903	3.075	3.817
191.566	1.000	14.807						
11/7/2016 9:29:45 AM	389700.000	144.275	21.323	328.848	5221.239	5615.676	3.076	3.819
191.525	1.000	14.812						
11/7/2016 9:44:45 AM	390600.000	144.329	21.324	328.971	5221.771	5616.126	3.076	3.819
191.506	1.000	14.794						
11/7/2016 9:59:45 AM	391500.000	144.320	21.331	328.951	5222.683	5616.226	3.076	3.819
191.472	1.000	14.800						
11/7/2016 10:14:45 AM	392400.000	144.293	21.333	328.889	5223.456	5616.814	3.076	3.819
191.444	1.000	14.798						
11/7/2016 10:29:45 AM	393300.000	144.282	21.329	328.863	5224.089	5617.981	3.077	3.820
191.421	1.000	14.798						
11/7/2016 10:44:45 AM	394200.000	144.294	21.330	328.891	5224.314	5618.143	3.077	3.820
191.413	1.000	14.794						
11/7/2016 10:59:45 AM	395100.000	144.288	21.331	328.876	5225.087	5618.882	3.077	3.821
191.384	1.000	14.795						
11/7/2016 11:14:45 AM	396000.000	144.282	21.334	328.863	5226.216	5619.753	3.078	3.821
191.343	1.000	14.791						
11/7/2016 11:29:45 AM	396900.000	144.280	21.332	328.858	5226.799	5620.592	3.078	3.822
191.322	1.000	14.785						
11/7/2016 11:44:45 AM	397800.000	144.267	21.334	328.829	5226.911	5620.459	3.078	3.822
191.318	1.000	14.792						
11/7/2016 11:59:45 AM	398700.000	144.314	21.337	328.936	5227.314	5620.539	3.078	3.822
191.303	1.000	14.787						
11/7/2016 12:14:45 PM	399600.000	144.286	21.337	328.872	5228.237	5621.531	3.079	3.823
191.269	1.000	14.775						
11/7/2016 12:29:45 PM	400500.000	144.288	21.333	328.877	5228.602	5622.440	3.080	3.823
191.256	1.000	14.768						
11/7/2016 12:44:45 PM	401400.000	144.279	21.328	328.855	5227.967	5622.243	3.079	3.823
191.279	1.000	14.772						
11/7/2016 12:59:45 PM	402300.000	144.275	21.323	328.848	5229.920	5624.910	3.081	3.825
191.208	1.000	14.771						
11/7/2016 1:14:45 PM	403200.000	144.305	21.324	328.916	5229.105	5623.933	3.080	3.824
191.237	1.000	14.769						
11/7/2016 1:29:45 PM	404100.000	144.272	21.326	328.840	5229.998	5624.659	3.081	3.825
191.205	1.000	14.773						
11/7/2016 1:44:45 PM	405000.000	144.267	21.334	328.829	5231.698	5625.587	3.081	3.825
191.143	1.000	14.770						
11/7/2016 1:59:45 PM	405900.000	144.309	21.333	328.925	5231.844	5625.896	3.082	3.826
191.137	1.000	14.765						
11/7/2016 2:14:45 PM	406800.000	144.270	21.330	328.836	5232.753	5627.208	3.082	3.827
191.104	1.000	14.768						
11/7/2016 2:29:45 PM	407700.000	144.259	21.335	328.811	5233.865	5627.856	3.083	3.827
191.063	1.000	14.770						
11/7/2016 2:44:45 PM	408600.000	144.262	21.334	328.818	5233.432	5627.492	3.082	3.827
191.079	1.000	14.772						
11/7/2016 2:59:45 PM	409500.000	144.260	21.330	328.812	5232.748	5627.142	3.082	3.826
191.104	1.000	14.772						
11/7/2016 3:14:45 PM	410400.000	144.290	21.332	328.881	5233.077	5627.282	3.082	3.827
191.092	1.000	14.775						
11/7/2016 3:29:45 PM	411300.000	144.289	21.341	328.879	5234.941	5628.326	3.083	3.827
191.024	1.000	14.777						
11/7/2016 3:44:45 PM	412200.000	144.248	21.336	328.785	5234.483	5628.318	3.083	3.827
191.041	1.000	14.777						
11/7/2016 3:59:45 PM	413100.000	144.247	21.335	328.783	5234.298	5628.271	3.083	3.827
191.048	1.000	14.779						
11/7/2016 4:14:45 PM	414000.000	144.244	21.339	328.777	5235.195	5628.770	3.083	3.828
191.015	1.000	14.780						
11/7/2016 4:29:45 PM	414900.000	144.281	21.336	328.860	5235.916	5629.889	3.084	3.828
190.989	1.000	14.777						
11/7/2016 4:44:45 PM	415800.000	144.278	21.335	328.853	5236.223	5630.351	3.084	3.829
190.977	1.000	14.783						
11/7/2016 4:59:45 PM	416700.000	144.236	21.342	328.759	5237.159	5630.546	3.084	3.829

190.943	1.000	14.786						
11/7/2016 5:14:45 PM	417600.000	144.250	21.336	328.790	5236.626	5630.653	3.084	3.829
190.963	1.000	14.777						
11/7/2016 5:29:45 PM	418500.000	144.238	21.335	328.764	5236.677	5630.809	3.084	3.829
190.961	1.000	14.785						
11/7/2016 5:44:45 PM	419400.000	144.275	21.338	328.846	5236.397	5630.215	3.084	3.829
190.971	1.000	14.783						
11/7/2016 5:59:45 PM	420300.000	144.223	21.343	328.729	5237.673	5630.999	3.085	3.829
190.924	1.000	14.789						
11/7/2016 6:14:45 PM	421200.000	144.269	21.339	328.834	5238.684	5632.532	3.085	3.830
190.888	1.000	14.787						
11/7/2016 6:29:45 PM	422100.000	144.236	21.346	328.759	5238.732	5631.763	3.085	3.830
190.886	1.000	14.780						
11/7/2016 6:44:45 PM	423000.000	144.268	21.345	328.832	5239.741	5633.030	3.086	3.830
190.849	1.000	14.789						
11/7/2016 6:59:45 PM	423900.000	144.219	21.346	328.720	5239.592	5632.667	3.086	3.830
190.855	1.000	14.792						
11/7/2016 7:14:45 PM	424800.000	144.227	21.349	328.737	5239.890	5632.632	3.086	3.830
190.844	1.000	14.787						
11/7/2016 7:29:45 PM	425700.000	144.225	21.350	328.733	5239.465	5632.115	3.085	3.830
190.859	1.000	14.790						
11/7/2016 7:44:45 PM	426600.000	144.259	21.349	328.810	5239.965	5632.713	3.086	3.830
190.841	1.000	14.788						
11/7/2016 7:59:45 PM	427500.000	144.220	21.348	328.722	5240.058	5632.944	3.086	3.830
190.838	1.000	14.787						
11/7/2016 8:14:45 PM	428400.000	144.219	21.346	328.720	5241.350	5634.577	3.087	3.832
190.791	1.000	14.788						
11/7/2016 8:29:45 PM	429300.000	144.263	21.340	328.820	5240.257	5634.091	3.086	3.831
190.830	1.000	14.784						
11/7/2016 8:44:45 PM	430200.000	144.222	21.343	328.726	5241.556	5635.203	3.087	3.832
190.783	1.000	14.784						
11/7/2016 8:59:45 PM	431100.000	144.220	21.348	328.722	5242.109	5635.139	3.087	3.832
190.763	1.000	14.783						
11/7/2016 9:14:45 PM	432000.000	144.222	21.349	328.726	5243.053	5636.123	3.088	3.833
190.729	1.000	14.779						
11/7/2016 9:29:45 PM	432900.000	144.216	21.341	328.713	5241.779	5635.616	3.087	3.832
190.775	1.000	14.783						
11/7/2016 9:44:45 PM	433800.000	144.212	21.339	328.704	5241.908	5636.048	3.087	3.833
190.770	1.000	14.780						
11/7/2016 9:59:45 PM	434700.000	144.214	21.339	328.709	5242.636	5636.842	3.088	3.833
190.744	1.000	14.779						
11/7/2016 10:14:45 PM	435600.000	144.209	21.346	328.696	5243.859	5637.334	3.088	3.833
190.699	1.000	14.784						
11/7/2016 10:29:45 PM	436500.000	144.207	21.350	328.693	5243.859	5636.858	3.088	3.833
190.699	1.000	14.784						
11/7/2016 10:44:45 PM	437400.000	144.240	21.351	328.768	5245.327	5638.273	3.089	3.834
190.646	1.000	14.785						
11/7/2016 10:59:45 PM	438300.000	144.204	21.344	328.686	5244.081	5637.714	3.088	3.834
190.691	1.000	14.780						
11/7/2016 11:14:45 PM	439200.000	144.200	21.345	328.677	5244.911	5638.566	3.089	3.834
190.661	1.000	14.786						
11/7/2016 11:29:45 PM	440100.000	144.237	21.349	328.761	5245.458	5638.608	3.089	3.834
190.641	1.000	14.779						
11/7/2016 11:44:45 PM	441000.000	144.198	21.350	328.673	5246.338	5639.533	3.090	3.835
190.609	1.000	14.782						
11/7/2016 11:59:45 PM	441900.000	144.200	21.351	328.677	5246.705	5639.785	3.090	3.835
190.596	1.000	14.776						
11/8/2016 12:14:45 AM	442800.000	144.199	21.353	328.674	5246.793	5639.687	3.090	3.835
190.593	1.000	14.776						
11/8/2016 12:29:45 AM	443700.000	144.198	21.353	328.672	5248.062	5641.000	3.090	3.836
190.547	1.000	14.773						
11/8/2016 12:44:45 AM	444600.000	144.223	21.354	328.728	5248.714	5641.640	3.091	3.836
190.523	1.000	14.779						
11/8/2016 12:59:45 AM	445500.000	144.186	21.355	328.645	5247.740	5640.462	3.090	3.836
190.558	1.000	14.776						
11/8/2016 1:14:45 AM	446400.000	144.196	21.348	328.667	5248.826	5642.450	3.091	3.837
190.519	1.000	14.777						
11/8/2016 1:29:45 AM	447300.000	144.195	21.325	328.664	5240.625	5636.252	3.088	3.833
190.817	1.000	14.780						
11/8/2016 1:44:45 AM	448200.000	144.205	21.320	328.688	5228.792	5624.062	3.080	3.824
191.249	1.000	14.778						
11/8/2016 1:59:45 AM	449100.000	144.205	21.316	328.688	5225.437	5620.979	3.079	3.822
191.372	1.000	14.778						
11/8/2016 2:14:45 AM	450000.000	144.211	21.312	328.702	5223.334	5619.143	3.078	3.821
191.449	1.000	14.777						
11/8/2016 2:29:45 AM	450900.000	144.206	21.316	328.690	5221.471	5616.693	3.076	3.819
191.517	1.000	14.774						
11/8/2016 2:44:45 AM	451800.000	144.207	21.311	328.692	5220.019	5615.697	3.076	3.819
191.570	1.000	14.774						
11/8/2016 2:59:45 AM	452700.000	144.211	21.315	328.701	5220.001	5615.192	3.075	3.818
191.571	1.000	14.772						
11/8/2016 3:14:45 AM	453600.000	144.213	21.313	328.705	5219.158	5614.497	3.075	3.818
191.602	1.000	14.775						
11/8/2016 3:29:45 AM	454500.000	144.207	21.319	328.692	5220.285	5615.043	3.075	3.818
191.560	1.000	14.773						
11/8/2016 3:44:45 AM	455400.000	144.205	21.319	328.688	5219.868	5614.644	3.075	3.818
191.576	1.000	14.772						
11/8/2016 3:59:45 AM	456300.000	144.209	21.317	328.696	5219.537	5614.531	3.075	3.818
191.588	1.000	14.774						
11/8/2016 4:14:45 AM	457200.000	144.212	21.315	328.704	5218.950	5614.112	3.075	3.818
191.609	1.000	14.772						
11/8/2016 4:29:45 AM	458100.000	144.214	21.318	328.708	5219.847	5614.651	3.075	3.818
191.577	1.000	14.775						
11/8/2016 4:44:45 AM	459000.000	144.223	21.315	328.729	5219.166	5614.304	3.075	3.818
191.602	1.000	14.769						
11/8/2016 4:59:45 AM	459900.000	144.227	21.321	328.738	5220.045	5614.572	3.075	3.818
191.569	1.000	14.773						
11/8/2016 5:14:45 AM	460800.000	144.221	21.321	328.724	5221.128	5615.748	3.076	3.819
191.529	1.000	14.775						
11/8/2016 5:29:45 AM	461700.000	144.218	21.323	328.717	5221.072	5615.444	3.075	3.819
191.532	1.000	14.778						
11/8/2016 5:44:45 AM	462600.000	144.227	21.331	328.737	5223.698	5617.338	3.077	3.820
191.435	1.000	14.779						
11/8/2016 5:59:45 AM	463500.000	144.220	21.324	328.722	5222.953	5617.406	3.077	3.820
191.463	1.000	14.782						
11/8/2016 6:14:45 AM	464400.000	144.233	21.321	328.752	5223.894	5618.743	3.077	3.821
191.428	1.000	14.778						
11/8/2016 6:29:45 AM	465300.000	144.276	21.332	328.850	5226.342	5620.071	3.078	3.822
191.338	1.000	14.777						
11/8/2016 6:44:45 AM	466200.000	144.235	21.323	328.757	5226.851	5621.620	3.079	3.823
191.320	1.000	14.783						
11/8/2016 6:59:45 AM	467100.000	144.227	21.324	328.738	5228.600	5623.390	3.080	3.824
191.256	1.000	14.791						
11/8/2016 7:14:45 AM	468000.000	144.240	21.329	328.766	5229.667	5623.980	3.080	3.824
191.217	1.000	14.788						
11/8/2016 7:29:45 AM	468900.000	144.227	21.325	328.738	5231.226	5626.092	3.082	3.826
191.160	1.000	14.788						
11/8/2016 7:44:45 AM	469800.000	144.240	21.329	328.767	5232.306	5626.807	3.082	3.826
191.120	1.000	14.791						
11/8/2016 7:59:45 AM	470700.000	144.272	21.339	328.841	5233.219	5626.706	3.082	3.826
191.087	1.000	14.800						
11/8/2016 8:14:45 AM	471600.000	144.241	21.342	328.770	5234.645	5627.853	3.083	3.827
191.035	1.000	14.800						
11/8/2016 8:29:45 AM	472500.000	144.243	21.343	328.775	5236.228	5629.484	3.084	3.828
190.977	1.000	14.805						
11/8/2016 8:44:45 AM	473400.000	144.251	21.335	328.792	5236.500	5630.709	3.084	3.829
190.967	1.000	14.801						
11/8/2016 8:59:45 AM	474300.000	144.242	21.337	328.772	5239.449	5633.587	3.086	3.831
190.860	1.000	14.807						
11/8/2016 9:14:45 AM	475200.000	144.281	21.341	328.861	5239.807	5633.497	3.086	3.831
190.847	1.000	14.807						
11/8/2016 9:29:45 AM	476100.000	144.287	21.341	328.875	5239.787	5633.515	3.086	3.831
190.847	1.000	14.806						

11/8/2016 9:44:45 AM	477000.000	144.253	21.337	328.796	5240.439	5634.611	3.087	3.832
190.824	1.000	14.802						
11/8/2016 9:59:45 AM	477900.000	144.259	21.345	328.810	5241.850	5635.255	3.087	3.832
190.772	1.000	14.800						
11/8/2016 10:14:45 AM	478800.000	144.290	21.335	328.882	5240.905	5635.355	3.087	3.832
190.807	1.000	14.800						
11/8/2016 10:29:45 AM	479700.000	144.250	21.331	328.791	5240.352	5635.248	3.087	3.832
190.827	1.000	14.801						
11/8/2016 10:44:45 AM	480600.000	144.254	21.336	328.798	5241.469	5635.860	3.087	3.832
190.786	1.000	14.796						
11/8/2016 10:59:45 AM	481500.000	144.246	21.339	328.782	5242.656	5636.853	3.088	3.833
190.743	1.000	14.797						
11/8/2016 11:14:45 AM	482400.000	144.257	21.328	328.805	5241.451	5636.796	3.088	3.833
190.787	1.000	14.790						
11/8/2016 11:29:45 AM	483300.000	144.253	21.325	328.796	5241.948	5637.675	3.088	3.834
190.769	1.000	14.788						
11/8/2016 11:44:45 AM	484200.000	144.248	21.334	328.786	5243.511	5638.361	3.089	3.834
190.712	1.000	14.789						
11/8/2016 11:59:45 AM	485100.000	144.281	21.342	328.860	5243.972	5637.881	3.089	3.834
190.695	1.000	14.781						
11/8/2016 12:14:45 PM	486000.000	144.268	21.339	328.832	5244.964	5639.304	3.089	3.835
190.659	1.000	14.783						
11/8/2016 12:29:45 PM	486900.000	144.228	21.341	328.741	5246.339	5640.540	3.090	3.836
190.609	1.000	14.780						
11/8/2016 12:44:45 PM	487800.000	144.262	21.341	328.818	5246.320	5640.560	3.090	3.836
190.610	1.000	14.781						
11/8/2016 12:59:45 PM	488700.000	144.229	21.339	328.742	5245.445	5639.792	3.090	3.835
190.642	1.000	14.780						
11/8/2016 1:14:45 PM	489600.000	144.225	21.337	328.733	5246.353	5641.010	3.090	3.836
190.609	1.000	14.773						
11/8/2016 1:29:45 PM	490500.000	144.242	21.345	328.773	5246.799	5640.596	3.090	3.836
190.592	1.000	14.776						
11/8/2016 1:44:45 PM	491400.000	144.197	21.343	328.670	5247.929	5642.004	3.091	3.837
190.551	1.000	14.771						
11/8/2016 1:59:45 PM	492300.000	144.186	21.345	328.645	5248.459	5642.320	3.091	3.837
190.532	1.000	14.775						
11/8/2016 2:14:45 PM	493200.000	144.221	21.346	328.723	5248.054	5641.825	3.091	3.836
190.547	1.000	14.769						
11/8/2016 2:29:45 PM	494100.000	144.216	21.345	328.713	5248.589	5642.490	3.091	3.837
190.527	1.000	14.769						
11/8/2016 2:44:45 PM	495000.000	144.161	21.343	328.587	5248.271	5642.382	3.091	3.837
190.539	1.000	14.779						
11/8/2016 2:59:45 PM	495900.000	144.157	21.345	328.578	5249.687	5643.701	3.092	3.838
190.488	1.000	14.776						
11/8/2016 3:14:45 PM	496800.000	144.167	21.339	328.601	5248.288	5642.898	3.091	3.837
190.538	1.000	14.766						
11/8/2016 3:29:45 PM	497700.000	144.153	21.340	328.569	5249.111	5643.590	3.092	3.838
190.508	1.000	14.767						
11/8/2016 3:44:45 PM	498600.000	144.145	21.339	328.552	5249.583	5644.240	3.092	3.838
190.491	1.000	14.774						
11/8/2016 3:59:45 PM	499500.000	144.174	21.344	328.616	5251.237	5645.458	3.093	3.839
190.431	1.000	14.768						
11/8/2016 4:14:45 PM	500400.000	144.135	21.347	328.528	5251.715	5645.669	3.093	3.839
190.414	1.000	14.768						
11/8/2016 4:29:45 PM	501300.000	144.119	21.348	328.491	5251.114	5644.870	3.093	3.839
190.436	1.000	14.771						
11/8/2016 4:44:45 PM	502200.000	144.105	21.343	328.461	5250.141	5644.392	3.092	3.838
190.471	1.000	14.777						
11/8/2016 4:59:45 PM	503100.000	144.110	21.344	328.471	5251.644	5645.845	3.093	3.839
190.417	1.000	14.771						
11/8/2016 5:14:45 PM	504000.000	144.103	21.343	328.454	5251.369	5645.672	3.093	3.839
190.427	1.000	14.772						
11/8/2016 5:29:45 PM	504900.000	144.101	21.347	328.451	5252.502	5646.515	3.094	3.840
190.385	1.000	14.769						
11/8/2016 5:44:45 PM	505800.000	144.091	21.350	328.428	5252.807	5646.477	3.094	3.840
190.374	1.000	14.775						
11/8/2016 5:59:45 PM	506700.000	144.081	21.349	328.405	5252.328	5646.014	3.093	3.839
190.392	1.000	14.777						
11/8/2016 6:14:45 PM	507600.000	144.075	21.348	328.391	5252.258	5646.039	3.093	3.839
190.394	1.000	14.772						
11/8/2016 6:29:45 PM	508500.000	144.077	21.341	328.396	5251.866	5646.439	3.094	3.840
190.409	1.000	14.777						
11/8/2016 6:44:45 PM	509400.000	144.073	21.336	328.387	5251.538	5646.697	3.094	3.840
190.420	1.000	14.781						
11/8/2016 6:59:45 PM	510300.000	144.110	21.340	328.471	5252.761	5647.616	3.094	3.840
190.376	1.000	14.781						
11/8/2016 7:14:45 PM	511200.000	144.063	21.344	328.363	5253.730	5648.109	3.095	3.841
190.341	1.000	14.781						
11/8/2016 7:29:45 PM	512100.000	144.051	21.349	328.336	5254.762	5648.690	3.095	3.841
190.304	1.000	14.784						
11/8/2016 7:44:45 PM	513000.000	144.055	21.346	328.346	5254.326	5648.496	3.095	3.841
190.319	1.000	14.786						
11/8/2016 7:59:45 PM	513900.000	144.055	21.346	328.345	5255.452	5649.757	3.096	3.842
190.279	1.000	14.786						
11/8/2016 8:14:45 PM	514800.000	144.086	21.351	328.417	5255.788	5649.518	3.095	3.842
190.266	1.000	14.789						
11/8/2016 8:29:45 PM	515700.000	144.054	21.349	328.344	5254.959	5648.872	3.095	3.841
190.296	1.000	14.785						
11/8/2016 8:44:45 PM	516600.000	144.084	21.349	328.412	5256.189	5650.173	3.096	3.842
190.252	1.000	14.794						
11/8/2016 8:59:45 PM	517500.000	144.041	21.352	328.314	5256.235	5649.918	3.096	3.842
190.250	1.000	14.789						
11/8/2016 9:14:45 PM	518400.000	144.043	21.354	328.319	5257.016	5650.523	3.096	3.842
190.222	1.000	14.785						
11/8/2016 9:29:45 PM	519300.000	144.027	21.355	328.283	5258.103	5651.550	3.097	3.843
190.183	1.000	14.792						
11/8/2016 9:44:45 PM	520200.000	144.067	21.352	328.373	5258.176	5651.932	3.097	3.843
190.180	1.000	14.794						
11/8/2016 9:59:45 PM	521100.000	144.035	21.342	328.300	5251.855	5646.306	3.093	3.839
190.409	1.000	14.797						
11/8/2016 10:14:45 PM	522000.000	144.071	21.337	328.383	5247.195	5641.966	3.091	3.837
190.578	1.000	14.796						
11/8/2016 10:29:45 PM	522900.000	144.036	21.332	328.303	5241.498	5636.418	3.088	3.833
190.785	1.000	14.796						
11/8/2016 10:44:45 PM	523800.000	144.033	21.329	328.295	5232.412	5626.932	3.082	3.826
191.116	1.000	14.805						
11/8/2016 10:59:45 PM	524700.000	144.030	21.328	328.288	5226.836	5621.017	3.079	3.822
191.320	1.000	14.799						
11/8/2016 11:14:45 PM	525600.000	144.035	21.328	328.301	5219.975	5613.709	3.074	3.817
191.572	1.000	14.795						
11/8/2016 11:29:45 PM	526500.000	144.069	21.327	328.378	5213.021	5606.292	3.070	3.812
191.827	1.000	14.791						
11/8/2016 11:44:45 PM	527400.000	144.067	21.327	328.372	5205.703	5598.411	3.065	3.807
192.097	1.000	14.795						
11/8/2016 11:59:45 PM	528300.000	144.041	21.327	328.314	5199.099	5591.358	3.061	3.802
192.341	1.000	14.785						
11/9/2016 12:14:45 AM	529200.000	144.031	21.327	328.291	5190.734	5582.373	3.056	3.796
192.651	1.000	14.785						
11/9/2016 12:29:45 AM	530100.000	144.024	21.323	328.274	5184.326	5575.974	3.052	3.792
192.889	1.000	14.789						
11/9/2016 12:44:45 AM	531000.000	144.030	21.311	328.288	5177.181	5569.571	3.049	3.787
193.155	1.000	14.786						
11/9/2016 12:59:45 AM	531900.000	144.038	21.306	328.306	5165.626	5557.782	3.042	3.779
193.587	1.000	14.781						
11/9/2016 1:14:45 AM	532800.000	144.041	21.306	328.314	5160.934	5552.713	3.039	3.776
193.763	1.000	14.782						
11/9/2016 1:29:45 AM	533700.000	144.035	21.306	328.301	5159.037	5550.661	3.038	3.774
193.835	1.000	14.779						
11/9/2016 1:44:45 AM	534600.000	143.997	21.308	328.214	5158.902	5550.317	3.037	3.774
193.840	1.000	14.783						
11/9/2016 1:59:45 AM	535500.000	144.034	21.310	328.297	5158.515	5549.621	3.037	3.774
193.854	1.000	14.782						
11/9/2016 2:14:45 AM	536400.000	144.021	21.311	328.269	5157.715	5548.721	3.036	3.773

193.884	1.000	14.783						
11/9/2016 2:29:45 AM	537300.000	144.027	21.312	328.283	5158.144	5549.062	3.037	3.773
193.868	1.000	14.781						
11/9/2016 2:44:45 AM	538200.000	144.030	21.312	328.290	5158.202	5549.075	3.037	3.773
193.866	1.000	14.781						
11/9/2016 2:59:45 AM	539100.000	143.992	21.313	328.203	5159.486	5550.295	3.037	3.774
193.818	1.000	14.781						
11/9/2016 3:14:45 AM	540000.000	144.033	21.310	328.296	5159.234	5550.415	3.037	3.774
193.827	1.000	14.774						
11/9/2016 3:29:45 AM	540900.000	144.041	21.313	328.314	5159.377	5550.279	3.037	3.774
193.822	1.000	14.774						
11/9/2016 3:44:45 AM	541800.000	144.042	21.312	328.317	5159.554	5550.489	3.038	3.774
193.815	1.000	14.771						
11/9/2016 3:59:45 AM	542700.000	144.040	21.315	328.312	5159.074	5549.633	3.037	3.774
193.833	1.000	14.772						
11/9/2016 4:14:45 AM	543600.000	144.039	21.315	328.308	5159.446	5550.042	3.037	3.774
193.819	1.000	14.770						
11/9/2016 4:29:45 AM	544500.000	144.041	21.313	328.314	5158.909	5549.674	3.037	3.774
193.839	1.000	14.766						
11/9/2016 4:44:45 AM	545400.000	144.048	21.316	328.331	5160.675	5551.285	3.038	3.775
193.773	1.000	14.767						
11/9/2016 4:59:45 AM	546300.000	144.051	21.317	328.337	5160.547	5551.007	3.038	3.775
193.778	1.000	14.770						
11/9/2016 5:14:45 AM	547200.000	144.033	21.317	328.296	5161.916	5552.460	3.039	3.776
193.727	1.000	14.775						
11/9/2016 5:29:45 AM	548100.000	144.053	21.317	328.341	5161.204	5551.724	3.038	3.775
193.753	1.000	14.764						
11/9/2016 5:44:45 AM	549000.000	144.044	21.317	328.322	5161.482	5552.073	3.038	3.775
193.743	1.000	14.771						
11/9/2016 5:59:45 AM	549900.000	144.057	21.312	328.351	5160.923	5551.992	3.038	3.775
193.764	1.000	14.764						
11/9/2016 6:14:45 AM	550800.000	144.045	21.322	328.323	5162.644	5552.673	3.039	3.776
193.699	1.000	14.772						
11/9/2016 6:29:45 AM	551700.000	144.060	21.323	328.357	5163.415	5553.452	3.039	3.776
193.670	1.000	14.771						
11/9/2016 6:44:45 AM	552600.000	144.058	21.318	328.352	5162.991	5553.597	3.039	3.776
193.686	1.000	14.775						
11/9/2016 6:59:45 AM	553500.000	144.069	21.319	328.378	5164.101	5554.640	3.040	3.777
193.645	1.000	14.770						
11/9/2016 7:14:45 AM	554400.000	144.101	21.315	328.450	5164.328	5555.275	3.040	3.778
193.636	1.000	14.781						
11/9/2016 7:29:45 AM	555300.000	144.067	21.316	328.373	5163.890	5554.732	3.040	3.777
193.652	1.000	14.775						
11/9/2016 7:44:45 AM	556200.000	144.076	21.324	328.394	5165.321	5555.352	3.040	3.778
193.599	1.000	14.781						
11/9/2016 7:59:45 AM	557100.000	144.081	21.323	328.406	5165.946	5556.104	3.041	3.778
193.575	1.000	14.776						
11/9/2016 8:14:45 AM	558000.000	144.083	21.325	328.410	5167.311	5557.442	3.042	3.779
193.524	1.000	14.780						
11/9/2016 8:29:45 AM	558900.000	144.072	21.325	328.384	5167.575	5557.707	3.042	3.779
193.514	1.000	14.784						
11/9/2016 8:44:45 AM	559800.000	144.083	21.323	328.410	5167.739	5558.043	3.042	3.779
193.508	1.000	14.777						
11/9/2016 8:59:45 AM	560700.000	144.089	21.326	328.423	5168.189	5558.277	3.042	3.780
193.491	1.000	14.769						
11/9/2016 9:14:45 AM	561600.000	144.083	21.327	328.410	5168.478	5558.457	3.042	3.780
193.481	1.000	14.773						
11/9/2016 9:29:45 AM	562500.000	144.128	21.322	328.512	5168.525	5558.999	3.042	3.780
193.479	1.000	14.772						
11/9/2016 9:44:45 AM	563400.000	144.099	21.316	328.447	5168.333	5559.533	3.043	3.780
193.486	1.000	14.770						
11/9/2016 9:59:45 AM	564300.000	144.106	21.317	328.462	5168.421	5559.488	3.043	3.780
193.483	1.000	14.765						
11/9/2016 10:14:45 AM	565200.000	144.101	21.318	328.451	5169.822	5560.904	3.044	3.781
193.430	1.000	14.766						
11/9/2016 10:29:45 AM	566100.000	144.095	21.328	328.437	5170.467	5560.488	3.043	3.781
193.406	1.000	14.767						
11/9/2016 10:44:45 AM	567000.000	144.096	21.332	328.439	5173.739	5563.456	3.045	3.783
193.284	1.000	14.768						
11/9/2016 10:59:45 AM	567900.000	144.099	21.330	328.446	5173.621	5563.608	3.045	3.783
193.288	1.000	14.761						
11/9/2016 11:14:45 AM	568800.000	144.127	21.331	328.511	5174.168	5564.067	3.045	3.784
193.268	1.000	14.753						
11/9/2016 11:29:45 AM	569700.000	144.132	21.331	328.520	5174.452	5564.341	3.046	3.784
193.257	1.000	14.754						
11/9/2016 11:44:45 AM	570600.000	144.087	21.325	328.419	5173.836	5564.461	3.046	3.784
193.280	1.000	14.754						
11/9/2016 11:59:45 AM	571500.000	144.085	21.326	328.414	5174.219	5564.743	3.046	3.784
193.266	1.000	14.748						
11/9/2016 12:14:45 PM	572400.000	144.090	21.320	328.425	5173.894	5565.094	3.046	3.784
193.278	1.000	14.739						
11/9/2016 12:29:45 PM	573300.000	144.088	21.321	328.422	5174.048	5565.069	3.046	3.784
193.272	1.000	14.734						
11/9/2016 12:44:45 PM	574200.000	144.075	21.321	328.391	5175.681	5566.896	3.047	3.785
193.211	1.000	14.740						
11/9/2016 12:59:45 PM	575100.000	144.061	21.326	328.360	5176.462	5567.093	3.047	3.786
193.182	1.000	14.741						
11/9/2016 1:14:45 PM	576000.000	144.059	21.330	328.355	5177.590	5567.847	3.048	3.786
193.140	1.000	14.738						
11/9/2016 1:29:45 PM	576900.000	144.058	21.331	328.353	5177.847	5568.092	3.048	3.786
193.130	1.000	14.737						
11/9/2016 1:44:45 PM	577800.000	144.050	21.321	328.335	5177.750	5569.050	3.048	3.787
193.134	1.000	14.738						
11/9/2016 1:59:45 PM	578700.000	144.047	21.326	328.327	5177.800	5568.523	3.048	3.787
193.132	1.000	14.729						
11/9/2016 2:14:45 PM	579600.000	144.039	21.331	328.308	5178.782	5569.007	3.048	3.787
193.096	1.000	14.730						
11/9/2016 2:29:45 PM	580500.000	144.024	21.330	328.275	5179.976	5570.453	3.049	3.788
193.051	1.000	14.734						
11/9/2016 2:44:45 PM	581400.000	144.024	21.329	328.275	5179.392	5569.894	3.049	3.788
193.073	1.000	14.734						
11/9/2016 2:59:45 PM	582300.000	144.016	21.327	328.258	5180.545	5571.405	3.050	3.789
193.030	1.000	14.734						
11/9/2016 3:14:45 PM	583200.000	144.006	21.333	328.235	5180.338	5570.521	3.049	3.788
193.038	1.000	14.737						
11/9/2016 3:29:45 PM	584100.000	144.007	21.332	328.237	5181.046	5571.322	3.050	3.788
193.011	1.000	14.729						
11/9/2016 3:44:45 PM	585000.000	143.996	21.330	328.212	5181.004	5571.528	3.050	3.789
193.013	1.000	14.731						
11/9/2016 3:59:45 PM	585900.000	143.977	21.337	328.168	5181.512	5571.301	3.050	3.788
192.994	1.000	14.734						
11/9/2016 4:14:45 PM	586800.000	144.026	21.335	328.280	5182.830	5572.979	3.051	3.790
192.945	1.000	14.728						
11/9/2016 4:29:45 PM	587700.000	143.981	21.337	328.177	5182.797	5572.683	3.050	3.789
192.946	1.000	14.728						
11/9/2016 4:44:45 PM	588600.000	143.980	21.339	328.174	5182.513	5572.096	3.050	3.789
192.957	1.000	14.721						
11/9/2016 4:59:45 PM	589500.000	143.966	21.340	328.143	5182.596	5572.126	3.050	3.789
192.954	1.000	14.731						
11/9/2016 5:14:45 PM	590400.000	143.961	21.343	328.132	5184.069	5573.309	3.051	3.790
192.899	1.000	14.729						
11/9/2016 5:29:45 PM	591300.000	143.986	21.345	328.190	5184.618	5573.778	3.051	3.790
192.878	1.000	14.735						
11/9/2016 5:44:45 PM	592200.000	143.964	21.343	328.139	5183.799	5573.048	3.051	3.790
192.909	1.000	14.728						
11/9/2016 5:59:45 PM	593100.000	143.979	21.343	328.172	5183.976	5573.259	3.051	3.790
192.902	1.000	14.738						
11/9/2016 6:14:45 PM	594000.000	143.943	21.342	328.090	5184.903	5574.365	3.051	3.791
192.868	1.000	14.731						
11/9/2016 6:29:45 PM	594900.000	143.931	21.342	328.064	5185.366	5574.863	3.052	3.791
192.850	1.000	14.739						
11/9/2016 6:44:45 PM	595800.000	143.940	21.345	328.083	5185.190	5574.373	3.051	3.791
192.857	1.000	14.733						

11/9/2016 6:59:45 PM	596700.000	143.934	21.349	328.070	5186.078	5574.807	3.052	3.791
192.824	1.000	14.736						
11/9/2016 7:14:45 PM	597600.000	143.935	21.349	328.071	5186.466	5575.224	3.052	3.791
192.810	1.000	14.736						
11/9/2016 7:29:45 PM	598500.000	143.937	21.347	328.077	5185.979	5574.992	3.052	3.791
192.828	1.000	14.733						
11/9/2016 7:44:45 PM	599400.000	143.930	21.344	328.060	5186.881	5576.221	3.053	3.792
192.794	1.000	14.737						
11/9/2016 7:59:45 PM	600300.000	143.927	21.350	328.054	5187.004	5575.702	3.052	3.791
192.790	1.000	14.737						
11/9/2016 8:14:45 PM	601200.000	143.932	21.350	328.066	5188.146	5576.989	3.053	3.792
192.747	1.000	14.740						
11/9/2016 8:29:45 PM	602100.000	143.967	21.345	328.145	5186.741	5576.031	3.052	3.792
192.799	1.000	14.736						
11/9/2016 8:44:45 PM	603000.000	143.964	21.342	328.137	5188.270	5577.985	3.054	3.793
192.742	1.000	14.741						
11/9/2016 8:59:45 PM	603900.000	143.925	21.347	328.051	5188.982	5578.140	3.054	3.793
192.716	1.000	14.743						
11/9/2016 9:14:45 PM	604800.000	143.958	21.347	328.124	5189.464	5578.727	3.054	3.794
192.698	1.000	14.745						
11/9/2016 9:29:45 PM	605700.000	143.958	21.349	328.124	5190.803	5579.877	3.055	3.794
192.648	1.000	14.744						
11/9/2016 9:44:45 PM	606600.000	143.952	21.350	328.111	5190.694	5579.708	3.055	3.794
192.652	1.000	14.740						
11/9/2016 9:59:45 PM	607500.000	143.958	21.351	328.124	5191.802	5580.709	3.055	3.795
192.611	1.000	14.743						
11/9/2016 10:14:45 PM	608400.000	143.913	21.352	328.022	5192.202	5581.079	3.055	3.795
192.597	1.000	14.746						
11/9/2016 10:29:45 PM	609300.000	143.953	21.354	328.113	5192.201	5580.836	3.055	3.795
192.597	1.000	14.742						
11/9/2016 10:44:45 PM	610200.000	143.953	21.354	328.113	5192.901	5581.549	3.056	3.795
192.571	1.000	14.740						
11/9/2016 10:59:45 PM	611100.000	143.920	21.343	328.038	5188.896	5578.598	3.054	3.793
192.719	1.000	14.742						
11/9/2016 11:14:45 PM	612000.000	143.962	21.334	328.133	5182.891	5573.095	3.051	3.790
192.943	1.000	14.738						
11/9/2016 11:29:45 PM	612900.000	143.927	21.331	328.055	5173.842	5563.786	3.045	3.783
193.280	1.000	14.739						
11/9/2016 11:44:45 PM	613800.000	143.969	21.329	328.151	5165.296	5554.815	3.040	3.777
193.600	1.000	14.741						
11/9/2016 11:59:45 PM	614700.000	143.927	21.328	328.054	5158.795	5547.924	3.036	3.773
193.844	1.000	14.743						

Serial_number:
1071288
Project ID:
MPWSP TSW Long Term
Location:
MPWSP MW-5M
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/3/2016	0:00:00	0	88.128	16.5	1220.3
11/3/2016	0:15:00	0	88.154	16.5	1221.5
11/3/2016	0:30:00	0	88.137	16.5	1221.5
11/3/2016	0:45:00	0	88.096	16.5	1221.5
11/3/2016	1:00:00	0	88.135	16.5	1221.5
11/3/2016	1:15:00	0	88.114	16.5	1220.3
11/3/2016	1:30:00	0	88.113	16.5	1221.5
11/3/2016	1:45:00	0	88.152	16.5	1220.3
11/3/2016	2:00:00	0	88.109	16.5	1221.5
11/3/2016	2:15:00	0	88.145	16.5	1220.3
11/3/2016	2:30:00	0	88.102	16.5	1219.1
11/3/2016	2:45:00	0	88.121	16.5	1221.5
11/3/2016	3:00:00	0	88.137	16.5	1221.5
11/3/2016	3:15:00	0	88.101	16.5	1221.5
11/3/2016	3:30:00	0	88.141	16.5	1221.5
11/3/2016	3:45:00	0	88.103	16.5	1220.3
11/3/2016	4:00:00	0	88.103	16.5	1220.3
11/3/2016	4:15:00	0	88.121	16.5	1219.1
11/3/2016	4:30:00	0	88.126	16.5	1220.3
11/3/2016	4:45:00	0	88.145	16.5	1221.5
11/3/2016	5:00:00	0	88.106	16.5	1219.1
11/3/2016	5:15:00	0	88.125	16.5	1219.1
11/3/2016	5:30:00	0	88.122	16.5	1220.3
11/3/2016	5:45:00	0	88.139	16.5	1220.3
11/3/2016	6:00:00	0	88.137	16.5	1221.5
11/3/2016	6:15:00	0	88.137	16.5	1221.5
11/3/2016	6:30:00	0	88.12	16.5	1220.3
11/3/2016	6:45:00	0	88.142	16.5	1219.1
11/3/2016	7:00:00	0	88.165	16.5	1221.5
11/3/2016	7:15:00	0	88.169	16.5	1220.3
11/3/2016	7:30:00	0	88.181	16.5	1220.3

11/3/2016	7:45:00	0	88.177	16.5	1220.3
11/3/2016	8:00:00	0	88.159	16.5	1220.3
11/3/2016	8:15:00	0	88.135	16.5	1220.3
11/3/2016	8:30:00	0	88.171	16.5	1221.5
11/3/2016	8:45:00	0	88.167	16.5	1220.3
11/3/2016	9:00:00	0	88.16	16.5	1220.3
11/3/2016	9:15:00	0	88.157	16.5	1220.3
11/3/2016	9:30:00	0	88.175	16.5	1220.3
11/3/2016	9:45:00	0	88.121	16.5	1221.5
11/3/2016	10:00:00	0	88.144	16.5	1220.3
11/3/2016	10:15:00	0	88.159	16.5	1220.3
11/3/2016	10:30:00	0	88.126	16.5	1221.5
11/3/2016	10:45:00	0	88.182	16.5	1219.1
11/3/2016	11:00:00	0	88.16	16.5	1219.1
11/3/2016	11:15:00	0	88.129	16.5	1221.5
11/3/2016	11:30:00	0	88.196	16.5	1220.3
11/3/2016	11:45:00	0	88.143	16.5	1219.1
11/3/2016	12:00:00	0	88.132	16.5	1221.5
11/3/2016	12:15:00	0	88.171	16.5	1221.5
11/3/2016	12:30:00	0	88.201	16.5	1221.5
11/3/2016	12:45:00	0	88.194	16.5	1221.5
11/3/2016	13:00:00	0	88.198	16.5	1221.5
11/3/2016	13:15:00	0	88.189	16.5	1221.5
11/3/2016	13:30:00	0	88.177	16.5	1219.1
11/3/2016	13:45:00	0	88.23	16.5	1220.3
11/3/2016	14:00:00	0	88.163	16.5	1220.3
11/3/2016	14:15:00	0	88.211	16.5	1220.3
11/3/2016	14:30:00	0	88.175	16.5	1220.3
11/3/2016	14:45:00	0	88.218	16.5	1220.3
11/3/2016	15:00:00	0	88.226	16.5	1221.5
11/3/2016	15:15:00	0	88.247	16.5	1221.5
11/3/2016	15:30:00	0	88.222	16.5	1220.3
11/3/2016	15:45:00	0	88.177	16.5	1221.5
11/3/2016	16:00:00	0	88.19	16.5	1221.5
11/3/2016	16:15:00	0	88.225	16.5	1221.5
11/3/2016	16:30:00	0	88.197	16.5	1219.1
11/3/2016	16:45:00	0	88.244	16.5	1220.3
11/3/2016	17:00:00	0	88.248	16.5	1219.1
11/3/2016	17:15:00	0	88.193	16.5	1218
11/3/2016	17:30:00	0	88.209	16.5	1220.3
11/3/2016	17:45:00	0	88.212	16.5	1219.1
11/3/2016	18:00:00	0	88.234	16.5	1219.1
11/3/2016	18:15:00	0	88.253	16.5	1219.1
11/3/2016	18:30:00	0	88.233	16.5	1219.1
11/3/2016	18:45:00	0	88.174	16.5	1219.1
11/3/2016	19:00:00	0	88.23	16.5	1220.3
11/3/2016	19:15:00	0	88.207	16.5	1218

11/3/2016	19:30:00	0	88.186	16.5	1219.1
11/3/2016	19:45:00	0	88.186	16.5	1221.5
11/3/2016	20:00:00	0	88.225	16.5	1220.3
11/3/2016	20:15:00	0	88.228	16.5	1221.5
11/3/2016	20:30:00	0	88.226	16.5	1219.1
11/3/2016	20:45:00	0	88.228	16.5	1219.1
11/3/2016	21:00:00	0	88.206	16.5	1219.1
11/3/2016	21:15:00	0	88.205	16.5	1220.3
11/3/2016	21:30:00	0	88.243	16.5	1220.3
11/3/2016	21:45:00	0	88.22	16.5	1218
11/3/2016	22:00:00	0	88.177	16.5	1219.1
11/3/2016	22:15:00	0	88.177	16.5	1220.3
11/3/2016	22:30:00	0	88.216	16.5	1219.1
11/3/2016	22:45:00	0	88.214	16.5	1220.3
11/3/2016	23:00:00	0	88.192	16.5	1219.1
11/3/2016	23:15:00	0	88.175	16.5	1219.1
11/3/2016	23:30:00	0	88.191	16.5	1219.1
11/3/2016	23:45:00	0	88.211	16.5	1219.1
11/4/2016	0:00:00	0	88.216	16.5	1219.1
11/4/2016	0:15:00	0	88.178	16.5	1219.1
11/4/2016	0:30:00	0	88.182	16.5	1218
11/4/2016	0:45:00	0	88.164	16.5	1219.1
11/4/2016	1:00:00	0	88.204	16.5	1219.1
11/4/2016	1:15:00	0	88.182	16.5	1220.3
11/4/2016	1:30:00	0	88.144	16.5	1220.3
11/4/2016	1:45:00	0	88.197	16.5	1221.5
11/4/2016	2:00:00	0	88.193	16.5	1219.1
11/4/2016	2:15:00	0	88.177	16.5	1220.3
11/4/2016	2:30:00	0	88.173	16.5	1218
11/4/2016	2:45:00	0	88.173	16.5	1221.5
11/4/2016	3:00:00	0	88.171	16.5	1219.1
11/4/2016	3:15:00	0	88.148	16.5	1219.1
11/4/2016	3:30:00	0	88.165	16.5	1220.3
11/4/2016	3:45:00	0	88.168	16.5	1220.3
11/4/2016	4:00:00	0	88.165	16.5	1219.1
11/4/2016	4:15:00	0	88.183	16.5	1219.1
11/4/2016	4:30:00	0	88.184	16.5	1220.3
11/4/2016	4:45:00	0	88.202	16.5	1219.1
11/4/2016	5:00:00	0	88.2	16.5	1219.1
11/4/2016	5:15:00	0	88.2	16.5	1220.3
11/4/2016	5:30:00	0	88.156	16.5	1218
11/4/2016	5:45:00	0	88.223	16.5	1219.1
11/4/2016	6:00:00	0	88.198	16.5	1221.5
11/4/2016	6:15:00	0	88.178	16.5	1219.1
11/4/2016	6:30:00	0	88.197	16.5	1221.5
11/4/2016	6:45:00	0	88.197	16.5	1219.1
11/4/2016	7:00:00	0	88.177	16.5	1219.1

11/4/2016	7:15:00	0	88.163	16.5	1219.1
11/4/2016	7:30:00	0	88.202	16.5	1219.1
11/4/2016	7:45:00	0	88.162	16.5	1219.1
11/4/2016	8:00:00	0	88.216	16.5	1220.3
11/4/2016	8:15:00	0	88.199	16.5	1220.3
11/4/2016	8:30:00	0	88.173	16.5	1220.3
11/4/2016	8:45:00	0	88.175	16.5	1219.1
11/4/2016	9:00:00	0	88.169	16.5	1221.5
11/4/2016	9:15:00	0	88.203	16.5	1220.3
11/4/2016	9:30:00	0	88.181	16.5	1219.1
11/4/2016	9:45:00	0	88.16	16.5	1219.1
11/4/2016	10:00:00	0	88.178	16.5	1219.1
11/4/2016	10:15:00	0	88.216	16.5	1219.1
11/4/2016	10:30:00	0	88.21	16.5	1220.3
11/4/2016	10:45:00	0	88.184	16.5	1218
11/4/2016	11:00:00	0	88.199	16.5	1220.3
11/4/2016	11:15:00	0	88.169	16.5	1220.3
11/4/2016	11:30:00	0	88.186	16.5	1219.1
11/4/2016	11:45:00	0	88.205	16.5	1220.3
11/4/2016	12:00:00	0	88.185	16.5	1219.1
11/4/2016	12:15:00	0	88.194	16.5	1220.3
11/4/2016	12:30:00	0	88.22	16.5	1220.3
11/4/2016	12:45:00	0	88.207	16.5	1219.1
11/4/2016	13:00:00	0	88.216	16.5	1219.1
11/4/2016	13:15:00	0	88.21	16.5	1219.1
11/4/2016	13:30:00	0	88.23	16.5	1219.1
11/4/2016	13:45:00	0	88.234	16.5	1220.3
11/4/2016	14:00:00	0	88.191	16.5	1221.5
11/4/2016	14:15:00	0	88.196	16.5	1219.1
11/4/2016	14:30:00	0	88.199	16.5	1220.3
11/4/2016	14:45:00	0	88.175	16.5	1220.3
11/4/2016	15:00:00	0	88.212	16.5	1219.1
11/4/2016	15:15:00	0	88.189	16.5	1219.1
11/4/2016	15:30:00	0	88.171	16.5	1219.1
11/4/2016	15:45:00	0	88.187	16.5	1220.3
11/4/2016	16:00:00	0	88.204	16.5	1219.1
11/4/2016	16:15:00	0	88.206	16.5	1219.1
11/4/2016	16:30:00	0	88.224	16.5	1219.1
11/4/2016	16:45:00	0	88.205	16.5	1220.3
11/4/2016	17:00:00	0	88.186	16.5	1219.1
11/4/2016	17:15:00	0	88.186	16.5	1220.3
11/4/2016	17:30:00	0	88.164	16.5	1220.3
11/4/2016	17:45:00	0	88.208	16.5	1219.1
11/4/2016	18:00:00	0	88.189	16.5	1220.3
11/4/2016	18:15:00	0	88.211	16.5	1219.1
11/4/2016	18:30:00	0	88.21	16.5	1219.1
11/4/2016	18:45:00	0	88.209	16.5	1219.1

11/4/2016	19:00:00	0	88.194	16.5	1221.5
11/4/2016	19:15:00	0	88.213	16.5	1218
11/4/2016	19:30:00	0	88.178	16.5	1219.1
11/4/2016	19:45:00	0	88.195	16.5	1218
11/4/2016	20:00:00	0	88.234	16.5	1219.1
11/4/2016	20:15:00	0	88.215	16.5	1220.3
11/4/2016	20:30:00	0	88.229	16.5	1218
11/4/2016	20:45:00	0	88.227	16.5	1219.1
11/4/2016	21:00:00	0	88.207	16.5	1220.3
11/4/2016	21:15:00	0	88.205	16.5	1219.1
11/4/2016	21:30:00	0	88.201	16.5	1219.1
11/4/2016	21:45:00	0	88.203	16.5	1221.5
11/4/2016	22:00:00	0	88.222	16.5	1219.1
11/4/2016	22:15:00	0	88.214	16.5	1220.3
11/4/2016	22:30:00	0	88.211	16.5	1219.1
11/4/2016	22:45:00	0	88.191	16.5	1220.3
11/4/2016	23:00:00	0	88.224	16.5	1220.3
11/4/2016	23:15:00	0	88.222	16.5	1219.1
11/4/2016	23:30:00	0	88.199	16.5	1219.1
11/4/2016	23:45:00	0	88.238	16.5	1219.1
11/5/2016	0:00:00	0	88.195	16.5	1219.1
11/5/2016	0:15:00	0	88.198	16.5	1219.1
11/5/2016	0:30:00	0	88.203	16.5	1221.5
11/5/2016	0:45:00	0	88.205	16.5	1219.1
11/5/2016	1:00:00	0	88.223	16.5	1219.1
11/5/2016	1:15:00	0	88.204	16.5	1219.1
11/5/2016	1:30:00	0	88.226	16.5	1219.1
11/5/2016	1:45:00	0	88.151	16.5	1219.1
11/5/2016	2:00:00	0	88.211	16.5	1219.1
11/5/2016	2:15:00	0	88.198	16.5	1219.1
11/5/2016	2:30:00	0	88.158	16.5	1219.1
11/5/2016	2:45:00	0	88.174	16.5	1220.3
11/5/2016	3:00:00	0	88.157	16.5	1221.5
11/5/2016	3:15:00	0	88.177	16.5	1220.3
11/5/2016	3:30:00	0	88.19	16.5	1221.5
11/5/2016	3:45:00	0	88.175	16.5	1221.5
11/5/2016	4:00:00	0	88.198	16.5	1220.3
11/5/2016	4:15:00	0	88.224	16.5	1219.1
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11/5/2016	9:00:00	0	88.206	16.5	1220.3
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11/5/2016	11:45:00	0	88.218	16.5	1220.3
11/5/2016	12:00:00	0	88.252	16.5	1220.3
11/5/2016	12:15:00	0	88.214	16.5	1220.3
11/5/2016	12:30:00	0	88.239	16.5	1218
11/5/2016	12:45:00	0	88.239	16.5	1219.1
11/5/2016	13:00:00	0	88.242	16.5	1219.1
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11/5/2016	14:00:00	0	88.227	16.5	1220.3
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11/5/2016	14:30:00	0	88.271	16.5	1220.3
11/5/2016	14:45:00	0	88.232	16.5	1220.3
11/5/2016	15:00:00	0	88.211	16.5	1219.1
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11/5/2016	15:30:00	0	88.211	16.5	1220.3
11/5/2016	15:45:00	0	88.228	16.5	1219.1
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11/5/2016	16:15:00	0	88.227	16.5	1219.1
11/5/2016	16:30:00	0	88.232	16.5	1220.3
11/5/2016	16:45:00	0	88.231	16.5	1219.1
11/5/2016	17:00:00	0	88.282	16.5	1220.3
11/5/2016	17:15:00	0	88.275	16.5	1220.3
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11/5/2016	17:45:00	0	88.197	16.5	1219.1
11/5/2016	18:00:00	0	88.259	16.5	1221.5
11/5/2016	18:15:00	0	88.244	16.5	1220.3

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11/5/2016	18:45:00	0	88.243	16.5	1220.3
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11/5/2016	21:15:00	0	88.212	16.5	1221.5
11/5/2016	21:30:00	0	88.227	16.5	1220.3
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11/5/2016	22:00:00	0	88.22	16.5	1221.5
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11/5/2016	23:45:00	0	88.223	16.5	1220.3
11/6/2016	0:00:00	0	88.189	16.5	1220.3
11/6/2016	0:15:00	0	88.215	16.5	1218
11/6/2016	0:30:00	0	88.211	16.5	1220.3
11/6/2016	0:45:00	0	88.25	16.5	1220.3
11/6/2016	1:00:00	0	88.186	16.5	1220.3
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11/6/2016	3:15:00	0	88.219	16.5	1220.3
11/6/2016	3:30:00	0	88.204	16.5	1220.3
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11/6/2016	4:15:00	0	88.19	16.5	1221.5
11/6/2016	4:30:00	0	88.215	16.5	1220.3
11/6/2016	4:45:00	0	88.209	16.5	1219.1
11/6/2016	5:00:00	0	88.239	16.5	1221.5
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11/6/2016	5:30:00	0	88.225	16.5	1220.3
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11/6/2016	8:30:00	0	88.217	16.5	1220.3
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11/6/2016	11:30:00	0	88.241	16.5	1220.3
11/6/2016	11:45:00	0	88.223	16.5	1220.3
11/6/2016	12:00:00	0	88.206	16.5	1219.1
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11/6/2016	15:15:00	0	88.211	16.5	1220.3
11/6/2016	15:30:00	0	88.249	16.5	1219.1
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11/6/2016	21:00:00	0	88.227	16.5	1222.7
11/6/2016	21:15:00	0	88.209	16.5	1220.3
11/6/2016	21:30:00	0	88.236	16.5	1219.1
11/6/2016	21:45:00	0	88.24	16.5	1220.3
11/6/2016	22:00:00	0	88.226	16.5	1221.5
11/6/2016	22:15:00	0	88.251	16.5	1221.5
11/6/2016	22:30:00	0	88.218	16.5	1221.5
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11/6/2016	23:45:00	0	88.263	16.5	1220.3
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11/7/2016	0:15:00	0	88.24	16.5	1221.5
11/7/2016	0:30:00	0	88.245	16.5	1220.3
11/7/2016	0:45:00	0	88.23	16.5	1220.3
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11/7/2016	3:00:00	0	88.211	16.5	1220.3
11/7/2016	3:15:00	0	88.235	16.5	1219.1
11/7/2016	3:30:00	0	88.255	16.5	1220.3
11/7/2016	3:45:00	0	88.238	16.5	1219.1
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11/7/2016	4:15:00	0	88.254	16.5	1220.3
11/7/2016	4:30:00	0	88.237	16.5	1221.5
11/7/2016	4:45:00	0	88.21	16.5	1220.3
11/7/2016	5:00:00	0	88.267	16.5	1220.3
11/7/2016	5:15:00	0	88.242	16.5	1220.3
11/7/2016	5:30:00	0	88.239	16.5	1221.5

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11/7/2016	6:45:00	0	88.256	16.5	1219.1
11/7/2016	7:00:00	0	88.2	16.5	1221.5
11/7/2016	7:15:00	0	88.235	16.5	1220.3
11/7/2016	7:30:00	0	88.235	16.5	1219.1
11/7/2016	7:45:00	0	88.217	16.5	1221.5
11/7/2016	8:00:00	0	88.229	16.5	1219.1
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11/7/2016	8:30:00	0	88.238	16.5	1221.5
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11/7/2016	9:00:00	0	88.269	16.5	1221.5
11/7/2016	9:15:00	0	88.205	16.5	1220.3
11/7/2016	9:30:00	0	88.222	16.5	1220.3
11/7/2016	9:45:00	0	88.218	16.5	1221.5
11/7/2016	10:00:00	0	88.24	16.5	1220.3
11/7/2016	10:15:00	0	88.24	16.5	1220.3
11/7/2016	10:30:00	0	88.202	16.5	1219.1
11/7/2016	10:45:00	0	88.228	16.5	1220.3
11/7/2016	11:00:00	0	88.216	16.5	1220.3
11/7/2016	11:15:00	0	88.255	16.5	1220.3
11/7/2016	11:30:00	0	88.221	16.5	1221.5
11/7/2016	11:45:00	0	88.204	16.5	1221.5
11/7/2016	12:00:00	0	88.231	16.5	1221.5
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11/7/2016	12:30:00	0	88.269	16.5	1221.5
11/7/2016	12:45:00	0	88.239	16.5	1220.3
11/7/2016	13:00:00	0	88.239	16.5	1221.5
11/7/2016	13:15:00	0	88.228	16.5	1221.5
11/7/2016	13:30:00	0	88.237	16.5	1221.5
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11/7/2016	14:15:00	0	88.267	16.5	1219.1
11/7/2016	14:30:00	0	88.231	16.5	1219.1
11/7/2016	14:45:00	0	88.271	16.5	1220.3
11/7/2016	15:00:00	0	88.229	16.5	1221.5
11/7/2016	15:15:00	0	88.222	16.5	1220.3
11/7/2016	15:30:00	0	88.239	16.5	1221.5
11/7/2016	15:45:00	0	88.237	16.5	1220.3
11/7/2016	16:00:00	0	88.217	16.5	1220.3
11/7/2016	16:15:00	0	88.194	16.5	1220.3
11/7/2016	16:30:00	0	88.227	16.5	1220.3
11/7/2016	16:45:00	0	88.206	16.5	1220.3
11/7/2016	17:00:00	0	88.205	16.5	1221.5
11/7/2016	17:15:00	0	88.222	16.5	1220.3

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11/7/2016	18:15:00	0	88.263	16.5	1220.3
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11/7/2016	19:15:00	0	88.232	16.5	1221.5
11/7/2016	19:30:00	0	88.248	16.5	1221.5
11/7/2016	19:45:00	0	88.227	16.5	1221.5
11/7/2016	20:00:00	0	88.267	16.5	1221.5
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11/7/2016	22:00:00	0	88.236	16.5	1221.5
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11/7/2016	23:00:00	0	88.239	16.5	1220.3
11/7/2016	23:15:00	0	88.255	16.5	1219.1
11/7/2016	23:30:00	0	88.269	16.5	1220.3
11/7/2016	23:45:00	0	88.25	16.5	1221.5
11/8/2016	0:00:00	0	88.218	16.5	1220.3
11/8/2016	0:15:00	0	88.282	16.5	1220.3
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11/8/2016	1:30:00	0	88.287	16.5	1220.3
11/8/2016	1:45:00	0	88.232	16.5	1219.1
11/8/2016	2:00:00	0	88.232	16.5	1220.3
11/8/2016	2:15:00	0	88.228	16.5	1219.1
11/8/2016	2:30:00	0	88.266	16.5	1220.3
11/8/2016	2:45:00	0	88.269	16.5	1221.5
11/8/2016	3:00:00	0	88.249	16.5	1221.5
11/8/2016	3:15:00	0	88.23	16.5	1219.1
11/8/2016	3:30:00	0	88.214	16.5	1220.3
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11/8/2016	4:00:00	0	88.279	16.5	1221.5
11/8/2016	4:15:00	0	88.26	16.5	1221.5
11/8/2016	4:30:00	0	88.263	16.5	1220.3
11/8/2016	4:45:00	0	88.223	16.5	1219.1
11/8/2016	5:00:00	0	88.262	16.5	1220.3

11/8/2016	5:15:00	0	88.264	16.5	1220.3
11/8/2016	5:30:00	0	88.262	16.5	1219.1
11/8/2016	5:45:00	0	88.259	16.5	1220.3
11/8/2016	6:00:00	0	88.237	16.5	1220.3
11/8/2016	6:15:00	0	88.252	16.5	1222.7
11/8/2016	6:30:00	0	88.286	16.5	1219.1
11/8/2016	6:45:00	0	88.264	16.5	1221.5
11/8/2016	7:00:00	0	88.205	16.5	1221.5
11/8/2016	7:15:00	0	88.281	16.5	1221.5
11/8/2016	7:30:00	0	88.237	16.5	1220.3
11/8/2016	7:45:00	0	88.254	16.5	1221.5
11/8/2016	8:00:00	0	88.268	16.5	1221.5
11/8/2016	8:15:00	0	88.261	16.5	1219.1
11/8/2016	8:30:00	0	88.274	16.5	1221.5
11/8/2016	8:45:00	0	88.265	16.5	1221.5
11/8/2016	9:00:00	0	88.256	16.5	1222.7
11/8/2016	9:15:00	0	88.27	16.5	1222.7
11/8/2016	9:30:00	0	88.264	16.5	1221.5
11/8/2016	9:45:00	0	88.224	16.5	1220.3
11/8/2016	10:00:00	0	88.266	16.5	1221.5
11/8/2016	10:15:00	0	88.226	16.5	1220.3
11/8/2016	10:30:00	0	88.229	16.5	1222.7
11/8/2016	10:45:00	0	88.23	16.5	1221.5
11/8/2016	11:00:00	0	88.229	16.5	1220.3
11/8/2016	11:15:00	0	88.236	16.5	1221.5
11/8/2016	11:30:00	0	88.259	16.5	1220.3
11/8/2016	11:45:00	0	88.23	16.5	1221.5
11/8/2016	12:00:00	0	88.217	16.5	1220.3
11/8/2016	12:15:00	0	88.247	16.5	1221.5
11/8/2016	12:30:00	0	88.232	16.5	1219.1
11/8/2016	12:45:00	0	88.218	16.5	1221.5
11/8/2016	13:00:00	0	88.247	16.5	1221.5
11/8/2016	13:15:00	0	88.248	16.5	1223.8
11/8/2016	13:30:00	0	88.266	16.5	1220.3
11/8/2016	13:45:00	0	88.26	16.5	1221.5
11/8/2016	14:00:00	0	88.231	16.5	1220.3
11/8/2016	14:15:00	0	88.236	16.5	1221.5
11/8/2016	14:30:00	0	88.242	16.5	1221.5
11/8/2016	14:45:00	0	88.266	16.5	1221.5
11/8/2016	15:00:00	0	88.223	16.5	1221.5
11/8/2016	15:15:00	0	88.243	16.5	1221.5
11/8/2016	15:30:00	0	88.24	16.5	1221.5
11/8/2016	15:45:00	0	88.255	16.5	1220.3
11/8/2016	16:00:00	0	88.258	16.5	1221.5
11/8/2016	16:15:00	0	88.221	16.5	1221.5
11/8/2016	16:30:00	0	88.241	16.5	1220.3
11/8/2016	16:45:00	0	88.202	16.5	1221.5

11/8/2016	17:00:00	0	88.222	16.5	1219.1
11/8/2016	17:15:00	0	88.224	16.5	1220.3
11/8/2016	17:30:00	0	88.241	16.5	1222.7
11/8/2016	17:45:00	0	88.241	16.5	1221.5
11/8/2016	18:00:00	0	88.24	16.5	1221.5
11/8/2016	18:15:00	0	88.221	16.5	1221.5
11/8/2016	18:30:00	0	88.235	16.5	1221.5
11/8/2016	18:45:00	0	88.272	16.5	1221.5
11/8/2016	19:00:00	0	88.248	16.5	1221.5
11/8/2016	19:15:00	0	88.228	16.5	1221.5
11/8/2016	19:30:00	0	88.229	16.5	1221.5
11/8/2016	19:45:00	0	88.245	16.5	1222.7
11/8/2016	20:00:00	0	88.206	16.5	1221.5
11/8/2016	20:15:00	0	88.259	16.5	1220.3
11/8/2016	20:30:00	0	88.235	16.5	1221.5
11/8/2016	20:45:00	0	88.233	16.5	1221.5
11/8/2016	21:00:00	0	88.211	16.5	1221.5
11/8/2016	21:15:00	0	88.211	16.5	1220.3
11/8/2016	21:30:00	0	88.23	16.5	1221.5
11/8/2016	21:45:00	0	88.248	16.5	1221.5
11/8/2016	22:00:00	0	88.226	16.5	1220.3
11/8/2016	22:15:00	0	88.202	16.5	1222.7
11/8/2016	22:30:00	0	88.217	16.5	1220.3
11/8/2016	22:45:00	0	88.21	16.5	1220.3
11/8/2016	23:00:00	0	88.23	16.5	1221.5
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11/8/2016	23:45:00	0	88.222	16.5	1221.5
11/9/2016	0:00:00	0	88.184	16.5	1221.5
11/9/2016	0:15:00	0	88.184	16.5	1221.5
11/9/2016	0:30:00	0	88.214	16.5	1222.7
11/9/2016	0:45:00	0	88.198	16.5	1221.5
11/9/2016	1:00:00	0	88.187	16.5	1221.5
11/9/2016	1:15:00	0	88.212	16.5	1221.5
11/9/2016	1:30:00	0	88.212	16.5	1220.3
11/9/2016	1:45:00	0	88.192	16.5	1221.5
11/9/2016	2:00:00	0	88.201	16.5	1221.5
11/9/2016	2:15:00	0	88.205	16.5	1221.5
11/9/2016	2:30:00	0	88.223	16.5	1221.5
11/9/2016	2:45:00	0	88.221	16.5	1221.5
11/9/2016	3:00:00	0	88.201	16.5	1220.3
11/9/2016	3:15:00	0	88.181	16.5	1221.5
11/9/2016	3:30:00	0	88.188	16.5	1221.5
11/9/2016	3:45:00	0	88.232	16.5	1221.5
11/9/2016	4:00:00	0	88.19	16.5	1220.3
11/9/2016	4:15:00	0	88.156	16.5	1221.5
11/9/2016	4:30:00	0	88.181	16.5	1222.7

11/9/2016	4:45:00	0	88.205	16.5	1221.5
11/9/2016	5:00:00	0	88.206	16.5	1221.5
11/9/2016	5:15:00	0	88.233	16.5	1220.3
11/9/2016	5:30:00	0	88.174	16.5	1221.5
11/9/2016	5:45:00	0	88.207	16.5	1220.3
11/9/2016	6:00:00	0	88.169	16.5	1221.5
11/9/2016	6:15:00	0	88.227	16.5	1221.5
11/9/2016	6:30:00	0	88.212	16.5	1221.5
11/9/2016	6:45:00	0	88.191	16.5	1219.1
11/9/2016	7:00:00	0	88.187	16.5	1221.5
11/9/2016	7:15:00	0	88.208	16.5	1222.7
11/9/2016	7:30:00	0	88.202	16.5	1220.3
11/9/2016	7:45:00	0	88.223	16.5	1220.3
11/9/2016	8:00:00	0	88.22	16.5	1221.5
11/9/2016	8:15:00	0	88.155	16.5	1220.3
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11/9/2016	8:45:00	0	88.187	16.5	1221.5
11/9/2016	9:00:00	0	88.223	16.5	1222.7
11/9/2016	9:15:00	0	88.163	16.5	1221.5
11/9/2016	9:30:00	0	88.209	16.5	1220.3
11/9/2016	9:45:00	0	88.208	16.5	1220.3
11/9/2016	10:00:00	0	88.212	16.5	1221.5
11/9/2016	10:15:00	0	88.18	16.5	1222.7
11/9/2016	10:30:00	0	88.222	16.5	1221.5
11/9/2016	10:45:00	0	88.191	16.5	1219.1
11/9/2016	11:00:00	0	88.177	16.5	1222.7
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11/9/2016	11:45:00	0	88.205	16.5	1221.5
11/9/2016	12:00:00	0	88.193	16.5	1221.5
11/9/2016	12:15:00	0	88.225	16.5	1221.5
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11/9/2016	12:45:00	0	88.226	16.5	1221.5
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11/9/2016	13:15:00	0	88.247	16.5	1221.5
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11/9/2016	14:15:00	0	88.189	16.5	1221.5
11/9/2016	14:30:00	0	88.25	16.5	1221.5
11/9/2016	14:45:00	0	88.229	16.5	1222.7
11/9/2016	15:00:00	0	88.234	16.5	1221.5
11/9/2016	15:15:00	0	88.271	16.5	1220.3
11/9/2016	15:30:00	0	88.229	16.5	1220.3
11/9/2016	15:45:00	0	88.231	16.5	1221.5
11/9/2016	16:00:00	0	88.249	16.5	1221.5
11/9/2016	16:15:00	0	88.23	16.5	1221.5

11/9/2016	16:30:00	0	88.212	16.5	1220.3
11/9/2016	16:45:00	0	88.27	16.5	1220.3
11/9/2016	17:00:00	0	88.237	16.5	1221.5
11/9/2016	17:15:00	0	88.244	16.5	1221.5
11/9/2016	17:30:00	0	88.222	16.5	1221.5
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11/9/2016	18:45:00	0	88.218	16.5	1221.5
11/9/2016	19:00:00	0	88.235	16.5	1219.1
11/9/2016	19:15:00	0	88.234	16.5	1221.5
11/9/2016	19:30:00	0	88.232	16.5	1220.3
11/9/2016	19:45:00	0	88.229	16.5	1221.5
11/9/2016	20:00:00	0	88.225	16.5	1220.3
11/9/2016	20:15:00	0	88.207	16.5	1221.5
11/9/2016	20:30:00	0	88.24	16.5	1221.5
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11/9/2016	21:00:00	0	88.199	16.5	1220.3
11/9/2016	21:15:00	0	88.2	16.5	1221.5
11/9/2016	21:30:00	0	88.2	16.5	1220.3
11/9/2016	21:45:00	0	88.254	16.5	1220.3
11/9/2016	22:00:00	0	88.193	16.5	1221.5
11/9/2016	22:15:00	0	88.214	16.5	1221.5
11/9/2016	22:30:00	0	88.212	16.5	1221.5
11/9/2016	22:45:00	0	88.211	16.5	1220.3
11/9/2016	23:00:00	0	88.19	16.5	1221.5
11/9/2016	23:15:00	0	88.212	16.5	1220.3
11/9/2016	23:30:00	0	88.27	16.5	1221.5
11/9/2016	23:45:00	0	88.232	16.5	1221.5

Serial_number:
1071264
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-5S
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 80.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/3/2016	0:00:00	0	27.557	16.2	2047.4
11/3/2016	0:15:00	0	27.544	16.2	2048.6
11/3/2016	0:30:00	0	27.566	16.2	2048.6
11/3/2016	0:45:00	0	27.545	16.2	2047.4
11/3/2016	1:00:00	0	27.564	16.2	2048.6
11/3/2016	1:15:00	0	27.523	16.2	2048.6
11/3/2016	1:30:00	0	27.542	16.2	2048.6
11/3/2016	1:45:00	0	27.522	16.2	2048.6
11/3/2016	2:00:00	0	27.518	16.2	2048.6
11/3/2016	2:15:00	0	27.515	16.2	2048.6
11/3/2016	2:30:00	0	27.511	16.2	2048.6
11/3/2016	2:45:00	0	27.531	16.2	2047.4
11/3/2016	3:00:00	0	27.546	16.2	2047.4
11/3/2016	3:15:00	0	27.471	16.2	2047.4
11/3/2016	3:30:00	0	27.55	16.2	2048.6
11/3/2016	3:45:00	0	27.492	16.2	2047.4
11/3/2016	4:00:00	0	27.551	16.2	2048.6
11/3/2016	4:15:00	0	27.57	16.2	2047.4
11/3/2016	4:30:00	0	27.516	16.2	2048.6
11/3/2016	4:45:00	0	27.495	16.2	2047.4
11/3/2016	5:00:00	0	27.535	16.2	2048.6
11/3/2016	5:15:00	0	27.554	16.2	2047.4
11/3/2016	5:30:00	0	27.532	16.2	2047.4
11/3/2016	5:45:00	0	27.509	16.2	2047.4
11/3/2016	6:00:00	0	27.527	16.2	2047.4
11/3/2016	6:15:00	0	27.566	16.2	2047.4
11/3/2016	6:30:00	0	27.569	16.2	2047.4
11/3/2016	6:45:00	0	27.551	16.2	2048.6
11/3/2016	7:00:00	0	27.515	16.2	2047.4
11/3/2016	7:15:00	0	27.519	16.2	2047.4
11/3/2016	7:30:00	0	27.571	16.2	2047.4

11/3/2016	7:45:00	0	27.528	16.2	2047.4
11/3/2016	8:00:00	0	27.529	16.2	2047.4
11/3/2016	8:15:00	0	27.505	16.2	2047.4
11/3/2016	8:30:00	0	27.541	16.2	2048.6
11/3/2016	8:45:00	0	27.557	16.2	2047.4
11/3/2016	9:00:00	0	27.55	16.2	2048.6
11/3/2016	9:15:00	0	27.508	16.2	2047.4
11/3/2016	9:30:00	0	27.466	16.2	2047.4
11/3/2016	9:45:00	0	27.55	16.2	2047.4
11/3/2016	10:00:00	0	27.533	16.2	2047.4
11/3/2016	10:15:00	0	27.51	16.2	2048.6
11/3/2016	10:30:00	0	27.535	16.2	2048.6
11/3/2016	10:45:00	0	27.532	16.2	2047.4
11/3/2016	11:00:00	0	27.511	16.2	2047.4
11/3/2016	11:15:00	0	27.538	16.2	2047.4
11/3/2016	11:30:00	0	27.507	16.2	2047.4
11/3/2016	11:45:00	0	27.533	16.2	2047.4
11/3/2016	12:00:00	0	27.522	16.2	2048.6
11/3/2016	12:15:00	0	27.56	16.2	2047.4
11/3/2016	12:30:00	0	27.532	16.2	2047.4
11/3/2016	12:45:00	0	27.564	16.2	2047.4
11/3/2016	13:00:00	0	27.528	16.2	2047.4
11/3/2016	13:15:00	0	27.598	16.2	2048.6
11/3/2016	13:30:00	0	27.606	16.2	2048.6
11/3/2016	13:45:00	0	27.6	16.2	2048.6
11/3/2016	14:00:00	0	27.572	16.2	2050.9
11/3/2016	14:15:00	0	27.621	16.2	2047.4
11/3/2016	14:30:00	0	27.545	16.2	2047.4
11/3/2016	14:45:00	0	27.569	16.2	2047.4
11/3/2016	15:00:00	0	27.577	16.2	2048.6
11/3/2016	15:15:00	0	27.558	16.2	2052.1
11/3/2016	15:30:00	0	27.533	16.2	2052.1
11/3/2016	15:45:00	0	27.547	16.2	2050.9
11/3/2016	16:00:00	0	27.599	16.2	2052.1
11/3/2016	16:15:00	0	27.536	16.2	2050.9
11/3/2016	16:30:00	0	27.548	16.2	2040.4
11/3/2016	16:45:00	0	27.574	16.2	2046.2
11/3/2016	17:00:00	0	27.519	16.2	2048.6
11/3/2016	17:15:00	0	27.563	16.2	2050.9
11/3/2016	17:30:00	0	27.54	16.2	2050.9
11/3/2016	17:45:00	0	27.543	16.2	2052.1
11/3/2016	18:00:00	0	27.545	16.2	2052.1
11/3/2016	18:15:00	0	27.544	16.2	2053.3
11/3/2016	18:30:00	0	27.505	16.2	2056.8
11/3/2016	18:45:00	0	27.564	16.2	2058
11/3/2016	19:00:00	0	27.521	16.2	2058
11/3/2016	19:15:00	0	27.518	16.2	2062.7

11/3/2016	19:30:00	0	27.536	16.2	2060.4
11/3/2016	19:45:00	0	27.556	16.2	2062.7
11/3/2016	20:00:00	0	27.497	16.2	2063.9
11/3/2016	20:15:00	0	27.5	16.2	2063.9
11/3/2016	20:30:00	0	27.537	16.2	2062.7
11/3/2016	20:45:00	0	27.519	16.2	2062.7
11/3/2016	21:00:00	0	27.517	16.2	2062.7
11/3/2016	21:15:00	0	27.516	16.2	2062.7
11/3/2016	21:30:00	0	27.495	16.2	2062.7
11/3/2016	21:45:00	0	27.511	16.2	2062.7
11/3/2016	22:00:00	0	27.547	16.2	2062.7
11/3/2016	22:15:00	0	27.488	16.2	2062.7
11/3/2016	22:30:00	0	27.527	16.2	2062.7
11/3/2016	22:45:00	0	27.545	16.2	2060.4
11/3/2016	23:00:00	0	27.503	16.2	2060.4
11/3/2016	23:15:00	0	27.545	16.2	2059.2
11/3/2016	23:30:00	0	27.522	16.2	2059.2
11/3/2016	23:45:00	0	27.522	16.2	2059.2
11/4/2016	0:00:00	0	27.566	16.2	2058
11/4/2016	0:15:00	0	27.489	16.2	2058
11/4/2016	0:30:00	0	27.552	16.2	2058
11/4/2016	0:45:00	0	27.534	16.2	2058
11/4/2016	1:00:00	0	27.535	16.2	2058
11/4/2016	1:15:00	0	27.512	16.2	2059.2
11/4/2016	1:30:00	0	27.534	16.2	2059.2
11/4/2016	1:45:00	0	27.548	16.2	2059.2
11/4/2016	2:00:00	0	27.524	16.2	2059.2
11/4/2016	2:15:00	0	27.527	16.2	2058
11/4/2016	2:30:00	0	27.562	16.2	2058
11/4/2016	2:45:00	0	27.582	16.2	2058
11/4/2016	3:00:00	0	27.521	16.2	2058
11/4/2016	3:15:00	0	27.518	16.2	2058
11/4/2016	3:30:00	0	27.515	16.2	2058
11/4/2016	3:45:00	0	27.538	16.2	2058
11/4/2016	4:00:00	0	27.535	16.2	2058
11/4/2016	4:15:00	0	27.573	16.2	2058
11/4/2016	4:30:00	0	27.535	16.2	2058
11/4/2016	4:45:00	0	27.493	16.2	2056.8
11/4/2016	5:00:00	0	27.55	16.2	2056.8
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11/4/2016	5:45:00	0	27.534	16.2	2056.8
11/4/2016	6:00:00	0	27.588	16.2	2056.8
11/4/2016	6:15:00	0	27.509	16.2	2058
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11/4/2016	8:45:00	0	27.506	16.2	2058
11/4/2016	9:00:00	0	27.52	16.2	2056.8
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11/4/2016	9:30:00	0	27.512	16.2	2056.8
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11/4/2016	11:15:00	0	27.519	16.2	2056.8
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11/4/2016	12:45:00	0	27.557	16.2	2056.8
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11/4/2016	14:15:00	0	27.566	16.2	2058
11/4/2016	14:30:00	0	27.53	16.2	2056.8
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11/4/2016	15:00:00	0	27.503	16.2	2056.8
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11/4/2016	15:30:00	0	27.561	16.2	2054.5
11/4/2016	15:45:00	0	27.537	16.2	2054.5
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11/4/2016	16:15:00	0	27.576	16.2	2056.8
11/4/2016	16:30:00	0	27.535	16.2	2054.5
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11/4/2016	18:00:00	0	27.52	16.2	2054.5
11/4/2016	18:15:00	0	27.581	16.2	2054.5
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11/4/2016	18:45:00	0	27.559	16.2	2054.5

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11/4/2016	21:15:00	0	27.496	16.2	2056.8
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11/4/2016	21:45:00	0	27.533	16.2	2056.8
11/4/2016	22:00:00	0	27.553	16.2	2054.5
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11/4/2016	22:30:00	0	27.522	16.2	2054.5
11/4/2016	22:45:00	0	27.502	16.2	2054.5
11/4/2016	23:00:00	0	27.535	16.2	2054.5
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11/4/2016	23:30:00	0	27.53	16.2	2054.5
11/4/2016	23:45:00	0	27.549	16.2	2054.5
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11/5/2016	0:15:00	0	27.529	16.2	2054.5
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11/5/2016	1:15:00	0	27.515	16.2	2054.5
11/5/2016	1:30:00	0	27.537	16.2	2056.8
11/5/2016	1:45:00	0	27.561	16.2	2056.8
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11/5/2016	2:15:00	0	27.587	16.2	2054.5
11/5/2016	2:30:00	0	27.568	16.2	2054.5
11/5/2016	2:45:00	0	27.544	16.2	2054.5
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11/5/2016	6:00:00	0	27.539	16.2	2054.5
11/5/2016	6:15:00	0	27.58	16.2	2054.5
11/5/2016	6:30:00	0	27.577	16.2	2054.5

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11/5/2016	8:00:00	0	27.6	16.2	2054.5
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11/5/2016	9:30:00	0	27.548	16.2	2053.3
11/5/2016	9:45:00	0	27.543	16.2	2054.5
11/5/2016	10:00:00	0	27.533	16.2	2054.5
11/5/2016	10:15:00	0	27.512	16.2	2053.3
11/5/2016	10:30:00	0	27.512	16.2	2054.5
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11/5/2016	11:30:00	0	27.567	16.2	2054.5
11/5/2016	11:45:00	0	27.549	16.2	2053.3
11/5/2016	12:00:00	0	27.504	16.2	2053.3
11/5/2016	12:15:00	0	27.545	16.2	2053.3
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11/5/2016	15:15:00	0	27.498	16.2	2053.3
11/5/2016	15:30:00	0	27.541	16.2	2054.5
11/5/2016	15:45:00	0	27.539	16.2	2053.3
11/5/2016	16:00:00	0	27.541	16.2	2053.3
11/5/2016	16:15:00	0	27.578	16.2	2053.3
11/5/2016	16:30:00	0	27.563	16.2	2054.5
11/5/2016	16:45:00	0	27.523	16.2	2053.3
11/5/2016	17:00:00	0	27.573	16.2	2054.5
11/5/2016	17:15:00	0	27.507	16.2	2053.3
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11/5/2016	18:15:00	0	27.535	16.2	2053.3

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11/5/2016	18:45:00	0	27.573	16.2	2053.3
11/5/2016	19:00:00	0	27.59	16.2	2053.3
11/5/2016	19:15:00	0	27.514	16.2	2053.3
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11/5/2016	20:15:00	0	27.601	16.2	2053.3
11/5/2016	20:30:00	0	27.503	16.2	2053.3
11/5/2016	20:45:00	0	27.575	16.2	2053.3
11/5/2016	21:00:00	0	27.523	16.2	2053.3
11/5/2016	21:15:00	0	27.563	16.2	2054.5
11/5/2016	21:30:00	0	27.558	16.2	2053.3
11/5/2016	21:45:00	0	27.574	16.2	2054.5
11/5/2016	22:00:00	0	27.57	16.2	2053.3
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11/5/2016	22:30:00	0	27.497	16.2	2053.3
11/5/2016	22:45:00	0	27.537	16.2	2054.5
11/5/2016	23:00:00	0	27.471	16.2	2053.3
11/5/2016	23:15:00	0	27.527	16.2	2053.3
11/5/2016	23:30:00	0	27.518	16.2	2053.3
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11/6/2016	0:15:00	0	27.565	16.2	2054.5
11/6/2016	0:30:00	0	27.561	16.2	2053.3
11/6/2016	0:45:00	0	27.502	16.2	2052.1
11/6/2016	1:00:00	0	27.517	16.2	2053.3
11/6/2016	1:15:00	0	27.556	16.2	2052.1
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11/6/2016	1:45:00	0	27.514	16.2	2052.1
11/6/2016	2:00:00	0	27.569	16.2	2053.3
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11/6/2016	3:00:00	0	27.552	16.2	2053.3
11/6/2016	3:15:00	0	27.549	16.2	2053.3
11/6/2016	3:30:00	0	27.535	16.2	2053.3
11/6/2016	3:45:00	0	27.55	16.2	2053.3
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11/6/2016	5:30:00	0	27.575	16.2	2053.3
11/6/2016	5:45:00	0	27.535	16.2	2053.3
11/6/2016	6:00:00	0	27.591	16.2	2054.5

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11/6/2016	6:30:00	0	27.532	16.2	2053.3
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11/6/2016	7:00:00	0	27.61	16.2	2053.3
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11/6/2016	10:30:00	0	27.496	16.2	2053.3
11/6/2016	10:45:00	0	27.515	16.2	2053.3
11/6/2016	11:00:00	0	27.531	16.2	2052.1
11/6/2016	11:15:00	0	27.51	16.2	2052.1
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11/6/2016	12:15:00	0	27.514	16.2	2053.3
11/6/2016	12:30:00	0	27.5	16.2	2060.4
11/6/2016	12:45:00	0	27.562	16.2	2058
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11/6/2016	13:15:00	0	27.566	16.2	2056.8
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11/6/2016	15:00:00	0	27.56	16.2	2056.8
11/6/2016	15:15:00	0	27.522	16.2	2054.5
11/6/2016	15:30:00	0	27.56	16.2	2054.5
11/6/2016	15:45:00	0	27.538	16.2	2056.8
11/6/2016	16:00:00	0	27.558	16.2	2056.8
11/6/2016	16:15:00	0	27.555	16.2	2056.8
11/6/2016	16:30:00	0	27.514	16.2	2056.8
11/6/2016	16:45:00	0	27.487	16.2	2054.5
11/6/2016	17:00:00	0	27.527	16.2	2053.3
11/6/2016	17:15:00	0	27.507	16.2	2053.3
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11/6/2016	18:45:00	0	27.59	16.2	2054.5
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11/6/2016	19:15:00	0	27.53	16.2	2054.5
11/6/2016	19:30:00	0	27.505	16.2	2054.5
11/6/2016	19:45:00	0	27.502	16.2	2054.5
11/6/2016	20:00:00	0	27.558	16.2	2054.5
11/6/2016	20:15:00	0	27.517	16.2	2054.5
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11/6/2016	21:00:00	0	27.518	16.2	2054.5
11/6/2016	21:15:00	0	27.54	16.2	2054.5
11/6/2016	21:30:00	0	27.527	16.2	2054.5
11/6/2016	21:45:00	0	27.551	16.2	2056.8
11/6/2016	22:00:00	0	27.517	16.2	2056.8
11/6/2016	22:15:00	0	27.522	16.2	2054.5
11/6/2016	22:30:00	0	27.529	16.2	2056.8
11/6/2016	22:45:00	0	27.549	16.2	2056.8
11/6/2016	23:00:00	0	27.584	16.2	2054.5
11/6/2016	23:15:00	0	27.523	16.2	2054.5
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11/6/2016	23:45:00	0	27.555	16.2	2054.5
11/7/2016	0:00:00	0	27.553	16.2	2053.3
11/7/2016	0:15:00	0	27.531	16.2	2054.5
11/7/2016	0:30:00	0	27.516	16.2	2054.5
11/7/2016	0:45:00	0	27.561	16.2	2054.5
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11/7/2016	2:30:00	0	27.52	16.2	2054.5
11/7/2016	2:45:00	0	27.563	16.2	2054.5
11/7/2016	3:00:00	0	27.542	16.2	2054.5
11/7/2016	3:15:00	0	27.507	16.2	2054.5
11/7/2016	3:30:00	0	27.566	16.2	2054.5
11/7/2016	3:45:00	0	27.549	16.2	2054.5
11/7/2016	4:00:00	0	27.582	16.2	2054.5
11/7/2016	4:15:00	0	27.545	16.2	2054.5
11/7/2016	4:30:00	0	27.587	16.2	2054.5
11/7/2016	4:45:00	0	27.561	16.2	2054.5
11/7/2016	5:00:00	0	27.519	16.2	2056.8
11/7/2016	5:15:00	0	27.553	16.2	2054.5
11/7/2016	5:30:00	0	27.55	16.2	2053.3

11/7/2016	5:45:00	0	27.528	16.2	2056.8
11/7/2016	6:00:00	0	27.506	16.2	2054.5
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11/7/2016	6:30:00	0	27.545	16.2	2053.3
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11/7/2016	7:45:00	0	27.548	16.2	2054.5
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11/7/2016	8:15:00	0	27.473	16.2	2054.5
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11/7/2016	12:45:00	0	27.53	16.2	2056.8
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11/7/2016	22:45:00	0	27.53	16.2	2056.8
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11/8/2016	3:15:00	0	27.541	16.2	2053.3
11/8/2016	3:30:00	0	27.525	16.2	2056.8
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11/8/2016	4:00:00	0	27.511	16.2	2053.3
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11/8/2016	4:45:00	0	27.534	16.2	2053.3
11/8/2016	5:00:00	0	27.553	16.2	2053.3

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11/8/2016	5:30:00	0	27.593	16.2	2054.5
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11/8/2016	6:00:00	0	27.607	16.2	2056.8
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11/8/2016	8:45:00	0	27.537	16.2	2054.5
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11/8/2016	15:15:00	0	27.574	16.2	2052.1
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11/8/2016	19:15:00	0	27.52	16.2	2056.8
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11/8/2016	19:45:00	0	27.576	16.2	2053.3
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11/8/2016	21:15:00	0	27.522	16.2	2054.5
11/8/2016	21:30:00	0	27.58	16.2	2056.8
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11/8/2016	23:15:00	0	27.541	16.2	2054.5
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11/9/2016	1:15:00	0	27.582	16.2	2054.5
11/9/2016	1:30:00	0	27.523	16.2	2054.5
11/9/2016	1:45:00	0	27.601	16.2	2054.5
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11/9/2016	5:30:00	0	27.544	16.2	2054.5
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11/9/2016	8:30:00	0	27.542	16.2	2053.3
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11/9/2016	9:15:00	0	27.533	16.2	2054.5
11/9/2016	9:30:00	0	27.5	16.2	2053.3
11/9/2016	9:45:00	0	27.597	16.2	2053.3
11/9/2016	10:00:00	0	27.542	16.2	2053.3
11/9/2016	10:15:00	0	27.609	16.2	2053.3
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11/9/2016	11:45:00	0	27.536	16.2	2054.5
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11/9/2016	13:45:00	0	27.588	16.2	2058
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11/9/2016	14:15:00	0	27.618	16.2	2054.5
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11/9/2016	15:00:00	0	27.545	16.2	2059.2
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11/9/2016	15:45:00	0	27.562	16.2	2058
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11/9/2016	18:15:00	0	27.552	16.2	2054.5
11/9/2016	18:30:00	0	27.53	16.2	2054.5
11/9/2016	18:45:00	0	27.569	16.2	2054.5
11/9/2016	19:00:00	0	27.567	16.2	2053.3
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11/9/2016	20:45:00	0	27.555	16.2	2054.5
11/9/2016	21:00:00	0	27.53	16.2	2054.5
11/9/2016	21:15:00	0	27.551	16.2	2054.5
11/9/2016	21:30:00	0	27.57	16.2	2054.5
11/9/2016	21:45:00	0	27.585	16.2	2054.5
11/9/2016	22:00:00	0	27.544	16.2	2054.5
11/9/2016	22:15:00	0	27.564	16.2	2054.5
11/9/2016	22:30:00	0	27.543	16.2	2054.5
11/9/2016	22:45:00	0	27.522	16.2	2054.5
11/9/2016	23:00:00	0	27.58	16.2	2054.5
11/9/2016	23:15:00	0	27.562	16.2	2054.5
11/9/2016	23:30:00	0	27.561	16.2	2054.5
11/9/2016	23:45:00	0	27.543	16.2	2054.5

Serial_number:
1071327
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-6D
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/3/2016	0:00:00	0	152.105	16.1	2651.7
11/3/2016	0:15:00	0	152.111	16.1	2651.7
11/3/2016	0:30:00	0	152.035	16.1	2651.7
11/3/2016	0:45:00	0	152.013	16.1	2650.5
11/3/2016	1:00:00	0	151.994	16.1	2650.5
11/3/2016	1:15:00	0	151.992	16.1	2651.7
11/3/2016	1:30:00	0	151.971	16.1	2650.5
11/3/2016	1:45:00	0	151.931	16.1	2651.7
11/3/2016	2:00:00	0	151.908	16.1	2650.5
11/3/2016	2:15:00	0	151.924	16.1	2651.7
11/3/2016	2:30:00	0	151.881	16.1	2651.7
11/3/2016	2:45:00	0	151.901	16.1	2651.7
11/3/2016	3:00:00	0	151.857	16.1	2651.7
11/3/2016	3:15:00	0	151.86	16.1	2651.7
11/3/2016	3:30:00	0	151.881	16.1	2652.9
11/3/2016	3:45:00	0	151.823	16.1	2652.9
11/3/2016	4:00:00	0	151.862	16.1	2652.9
11/3/2016	4:15:00	0	151.861	16.1	2652.9
11/3/2016	4:30:00	0	151.847	16.1	2652.9
11/3/2016	4:45:00	0	151.865	16.1	2651.7
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11/3/2016	11:45:00	0	151.903	16.1	2656.4
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11/3/2016	13:45:00	0	151.911	16.1	2659.9
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11/4/2016	1:30:00	0	152.002	16.1	2652.9
11/4/2016	1:45:00	0	152.036	16.1	2651.7
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11/4/2016	6:00:00	0	152.155	16.1	2651.7
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11/4/2016	9:45:00	0	152.156	16.1	2652.9
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11/4/2016	19:45:00	0	151.837	16.1	2655.2
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11/4/2016	20:30:00	0	151.832	16.1	2656.4
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11/4/2016	21:30:00	0	151.764	16.1	2655.2
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11/4/2016	22:45:00	0	151.813	16.1	2652.9
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11/4/2016	23:45:00	0	151.84	16.1	2655.2
11/5/2016	0:00:00	0	151.837	16.1	2655.2
11/5/2016	0:15:00	0	151.879	16.1	2655.2
11/5/2016	0:30:00	0	151.825	16.1	2652.9
11/5/2016	0:45:00	0	151.808	16.1	2652.9
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11/5/2016	1:15:00	0	151.807	16.1	2652.9
11/5/2016	1:30:00	0	151.809	16.1	2652.9
11/5/2016	1:45:00	0	151.813	16.1	2652.9
11/5/2016	2:00:00	0	151.735	16.1	2652.9
11/5/2016	2:15:00	0	151.741	16.1	2651.7
11/5/2016	2:30:00	0	151.721	16.1	2652.9
11/5/2016	2:45:00	0	151.717	16.1	2652.9
11/5/2016	3:00:00	0	151.72	16.1	2652.9
11/5/2016	3:15:00	0	151.68	16.1	2652.9
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11/5/2016	3:45:00	0	151.679	16.1	2652.9
11/5/2016	4:00:00	0	151.662	16.1	2655.2
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11/5/2016	4:45:00	0	151.621	16.1	2655.2
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11/5/2016	5:30:00	0	151.639	16.1	2656.4
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11/5/2016	6:15:00	0	151.753	16.1	2655.2
11/5/2016	6:30:00	0	151.75	16.1	2655.2

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11/5/2016	7:15:00	0	151.806	16.1	2655.2
11/5/2016	7:30:00	0	151.809	16.1	2656.4
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11/5/2016	8:30:00	0	151.753	16.1	2652.9
11/5/2016	8:45:00	0	151.728	16.1	2652.9
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11/5/2016	9:15:00	0	151.71	16.1	2656.4
11/5/2016	9:30:00	0	151.702	16.1	2652.9
11/5/2016	9:45:00	0	151.638	16.1	2656.4
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11/5/2016	10:15:00	0	151.665	16.1	2655.2
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11/5/2016	10:45:00	0	151.677	16.1	2655.2
11/5/2016	11:00:00	0	151.684	16.1	2656.4
11/5/2016	11:15:00	0	151.66	16.1	2656.4
11/5/2016	11:30:00	0	151.681	16.1	2656.4
11/5/2016	11:45:00	0	151.722	16.1	2655.2
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11/5/2016	12:15:00	0	151.738	16.1	2655.2
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11/5/2016	12:45:00	0	151.763	16.1	2652.9
11/5/2016	13:00:00	0	151.766	16.1	2655.2
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11/5/2016	13:30:00	0	151.788	16.1	2655.2
11/5/2016	13:45:00	0	151.846	16.1	2655.2
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11/5/2016	14:30:00	0	151.814	16.1	2655.2
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11/5/2016	15:45:00	0	151.772	16.1	2655.2
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11/5/2016	16:30:00	0	151.736	16.1	2656.4
11/5/2016	16:45:00	0	151.755	16.1	2656.4
11/5/2016	17:00:00	0	151.746	16.1	2656.4
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11/5/2016	17:30:00	0	151.761	16.1	2655.2
11/5/2016	17:45:00	0	151.78	16.1	2655.2
11/5/2016	18:00:00	0	151.763	16.1	2655.2
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11/5/2016	19:00:00	0	151.724	16.1	2655.2
11/5/2016	19:15:00	0	151.766	16.1	2652.9
11/5/2016	19:30:00	0	151.771	16.1	2652.9
11/5/2016	19:45:00	0	151.794	16.1	2652.9
11/5/2016	20:00:00	0	151.757	16.1	2652.9
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11/5/2016	20:30:00	0	151.715	16.1	2651.7
11/5/2016	20:45:00	0	151.749	16.1	2651.7
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11/5/2016	21:45:00	0	151.767	16.1	2651.7
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11/5/2016	22:15:00	0	151.718	16.1	2651.7
11/5/2016	22:30:00	0	151.749	16.1	2651.7
11/5/2016	22:45:00	0	151.73	16.1	2651.7
11/5/2016	23:00:00	0	151.801	16.1	2651.7
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11/5/2016	23:30:00	0	151.731	16.1	2651.7
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11/6/2016	2:00:00	0	151.801	16.1	2650.5
11/6/2016	2:15:00	0	151.79	16.1	2650.5
11/6/2016	2:30:00	0	151.807	16.1	2650.5
11/6/2016	2:45:00	0	151.828	16.1	2650.5
11/6/2016	3:00:00	0	151.824	16.1	2650.5
11/6/2016	3:15:00	0	151.821	16.1	2650.5
11/6/2016	3:30:00	0	151.846	16.1	2650.5
11/6/2016	3:45:00	0	151.861	16.1	2650.5
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11/6/2016	4:15:00	0	151.832	16.1	2650.5
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11/6/2016	5:15:00	0	151.888	16.1	2649.3
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11/6/2016	17:45:00	0	151.655	16.1	2650.5

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11/6/2016	18:45:00	0	151.744	16.1	2650.5
11/6/2016	19:00:00	0	151.725	16.1	2650.5
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11/6/2016	19:30:00	0	151.738	16.1	2651.7
11/6/2016	19:45:00	0	151.774	16.1	2650.5
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11/6/2016	20:15:00	0	151.808	16.1	2650.5
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11/6/2016	20:45:00	0	151.792	16.1	2650.5
11/6/2016	21:00:00	0	151.849	16.1	2650.5
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11/6/2016	23:45:00	0	151.905	16.1	2649.3
11/7/2016	0:00:00	0	151.962	16.1	2649.3
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11/7/2016	0:30:00	0	151.906	16.1	2649.3
11/7/2016	0:45:00	0	151.911	16.1	2649.3
11/7/2016	1:00:00	0	151.891	16.1	2648.1
11/7/2016	1:15:00	0	151.886	16.1	2649.3
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11/7/2016	5:00:00	0	151.634	16.1	2648.1
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11/7/2016	9:15:00	0	151.709	16.1	2648.1
11/7/2016	9:30:00	0	151.766	16.1	2649.3
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11/7/2016	13:30:00	0	151.761	16.1	2645.8
11/7/2016	13:45:00	0	151.785	16.1	2645.8
11/7/2016	14:00:00	0	151.768	16.1	2645.8
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11/7/2016	14:45:00	0	151.834	16.1	2645.8
11/7/2016	15:00:00	0	151.831	16.1	2644.6
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11/7/2016	16:15:00	0	151.737	16.1	2644.6
11/7/2016	16:30:00	0	151.712	16.1	2645.8
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11/7/2016	19:30:00	0	151.614	16.1	2644.6
11/7/2016	19:45:00	0	151.613	16.1	2644.6
11/7/2016	20:00:00	0	151.653	16.1	2644.6
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11/7/2016	20:30:00	0	151.689	16.1	2644.6
11/7/2016	20:45:00	0	151.712	16.1	2643.4
11/7/2016	21:00:00	0	151.697	16.1	2643.4
11/7/2016	21:15:00	0	151.72	16.1	2643.4
11/7/2016	21:30:00	0	151.704	16.1	2644.6
11/7/2016	21:45:00	0	151.701	16.1	2643.4
11/7/2016	22:00:00	0	151.76	16.1	2644.6
11/7/2016	22:15:00	0	151.718	16.1	2643.4
11/7/2016	22:30:00	0	151.759	16.1	2643.4
11/7/2016	22:45:00	0	151.743	16.1	2642.3
11/7/2016	23:00:00	0	151.782	16.1	2643.4
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11/7/2016	23:30:00	0	151.773	16.1	2642.3
11/7/2016	23:45:00	0	151.773	16.1	2643.4
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11/8/2016	0:15:00	0	151.786	16.1	2643.4
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11/8/2016	1:15:00	0	151.87	16.1	2642.3
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11/8/2016	2:00:00	0	151.697	16.1	2642.3
11/8/2016	2:15:00	0	151.673	16.1	2642.3
11/8/2016	2:30:00	0	151.592	16.1	2642.3
11/8/2016	2:45:00	0	151.576	16.1	2641.1
11/8/2016	3:00:00	0	151.576	16.1	2641.1
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11/8/2016	3:45:00	0	151.505	16.1	2641.1
11/8/2016	4:00:00	0	151.448	16.1	2641.1
11/8/2016	4:15:00	0	151.449	16.1	2641.1
11/8/2016	4:30:00	0	151.413	16.1	2642.3
11/8/2016	4:45:00	0	151.412	16.1	2642.3
11/8/2016	5:00:00	0	151.431	16.1	2642.3

11/8/2016	5:15:00	0	151.414	16.1	2642.3
11/8/2016	5:30:00	0	151.372	16.1	2642.3
11/8/2016	5:45:00	0	151.369	16.1	2641.1
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11/8/2016	7:30:00	0	151.308	16.1	2642.3
11/8/2016	7:45:00	0	151.344	16.1	2641.1
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11/8/2016	8:30:00	0	151.306	16.1	2641.1
11/8/2016	8:45:00	0	151.336	16.1	2641.1
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11/8/2016	9:45:00	0	151.433	16.1	2642.3
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11/8/2016	10:15:00	0	151.455	16.1	2641.1
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11/8/2016	10:45:00	0	151.459	16.1	2641.1
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11/8/2016	11:15:00	0	151.465	16.1	2641.1
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11/8/2016	11:45:00	0	151.517	16.1	2638.7
11/8/2016	12:00:00	0	151.544	16.1	2641.1
11/8/2016	12:15:00	0	151.495	16.1	2641.1
11/8/2016	12:30:00	0	151.519	16.1	2641.1
11/8/2016	12:45:00	0	151.506	16.1	2638.7
11/8/2016	13:00:00	0	151.534	16.1	2641.1
11/8/2016	13:15:00	0	151.516	16.1	2638.7
11/8/2016	13:30:00	0	151.514	16.1	2638.7
11/8/2016	13:45:00	0	151.586	16.1	2638.7
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11/8/2016	14:15:00	0	151.563	16.1	2638.7
11/8/2016	14:30:00	0	151.569	16.1	2638.7
11/8/2016	14:45:00	0	151.573	16.1	2638.7
11/8/2016	15:00:00	0	151.569	16.1	2638.7
11/8/2016	15:15:00	0	151.55	16.1	2638.7
11/8/2016	15:30:00	0	151.567	16.1	2638.7
11/8/2016	15:45:00	0	151.523	16.1	2638.7
11/8/2016	16:00:00	0	151.526	16.1	2637.5
11/8/2016	16:15:00	0	151.528	16.1	2638.7
11/8/2016	16:30:00	0	151.529	16.1	2637.5
11/8/2016	16:45:00	0	151.548	16.1	2637.5

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11/8/2016	17:15:00	0	151.511	16.1	2637.5
11/8/2016	17:30:00	0	151.47	16.1	2638.7
11/8/2016	17:45:00	0	151.489	16.1	2638.7
11/8/2016	18:00:00	0	151.449	16.1	2641.1
11/8/2016	18:15:00	0	151.469	16.1	2638.7
11/8/2016	18:30:00	0	151.464	16.1	2638.7
11/8/2016	18:45:00	0	151.461	16.1	2638.7
11/8/2016	19:00:00	0	151.476	16.1	2638.7
11/8/2016	19:15:00	0	151.476	16.1	2638.7
11/8/2016	19:30:00	0	151.477	16.1	2638.7
11/8/2016	19:45:00	0	151.493	16.1	2638.7
11/8/2016	20:00:00	0	151.454	16.1	2638.7
11/8/2016	20:15:00	0	151.467	16.1	2638.7
11/8/2016	20:30:00	0	151.483	16.1	2638.7
11/8/2016	20:45:00	0	151.442	16.1	2638.7
11/8/2016	21:00:00	0	151.479	16.1	2637.5
11/8/2016	21:15:00	0	151.459	16.1	2637.5
11/8/2016	21:30:00	0	151.478	16.1	2637.5
11/8/2016	21:45:00	0	151.476	16.1	2637.5
11/8/2016	22:00:00	0	151.494	16.1	2637.5
11/8/2016	22:15:00	0	151.509	16.1	2637.5
11/8/2016	22:30:00	0	151.504	16.1	2637.5
11/8/2016	22:45:00	0	151.497	16.1	2637.5
11/8/2016	23:00:00	0	151.517	16.1	2637.5
11/8/2016	23:15:00	0	151.497	16.1	2637.5
11/8/2016	23:30:00	0	151.514	16.1	2637.5
11/8/2016	23:45:00	0	151.509	16.1	2637.5
11/9/2016	0:00:00	0	151.531	16.1	2637.5
11/9/2016	0:15:00	0	151.511	16.1	2637.5
11/9/2016	0:30:00	0	151.501	16.1	2637.5
11/9/2016	0:45:00	0	151.525	16.1	2637.5
11/9/2016	1:00:00	0	151.513	16.1	2636.4
11/9/2016	1:15:00	0	151.46	16.1	2636.4
11/9/2016	1:30:00	0	151.382	16.1	2636.4
11/9/2016	1:45:00	0	151.322	16.1	2637.5
11/9/2016	2:00:00	0	151.311	16.1	2636.4
11/9/2016	2:15:00	0	151.256	16.1	2636.4
11/9/2016	2:30:00	0	151.235	16.1	2636.4
11/9/2016	2:45:00	0	151.213	16.1	2636.4
11/9/2016	3:00:00	0	151.153	16.1	2635.2
11/9/2016	3:15:00	0	151.173	16.1	2636.4
11/9/2016	3:30:00	0	151.141	16.1	2637.5
11/9/2016	3:45:00	0	151.106	16.1	2636.4
11/9/2016	4:00:00	0	151.123	16.1	2636.4
11/9/2016	4:15:00	0	151.108	16.1	2636.4
11/9/2016	4:30:00	0	151.095	16.1	2635.2

11/9/2016	4:45:00	0	151.099	16.1	2636.4
11/9/2016	5:00:00	0	151.06	16.1	2636.4
11/9/2016	5:15:00	0	151.067	16.1	2636.4
11/9/2016	5:30:00	0	151.087	16.1	2636.4
11/9/2016	5:45:00	0	151.061	16.1	2636.4
11/9/2016	6:00:00	0	151.043	16.1	2635.2
11/9/2016	6:15:00	0	151.022	16.1	2636.4
11/9/2016	6:30:00	0	151.086	16.1	2635.2
11/9/2016	6:45:00	0	151.046	16.1	2635.2
11/9/2016	7:00:00	0	151.042	16.1	2635.2
11/9/2016	7:15:00	0	151.043	16.1	2635.2
11/9/2016	7:30:00	0	151.017	16.1	2636.4
11/9/2016	7:45:00	0	151.057	16.1	2635.2
11/9/2016	8:00:00	0	151.133	16.1	2635.2
11/9/2016	8:15:00	0	151.147	16.1	2635.2
11/9/2016	8:30:00	0	151.223	16.1	2635.2
11/9/2016	8:45:00	0	151.317	16.1	2636.4
11/9/2016	9:00:00	0	151.314	16.1	2635.2
11/9/2016	9:15:00	0	151.392	16.1	2635.2
11/9/2016	9:30:00	0	151.398	16.1	2635.2
11/9/2016	9:45:00	0	151.436	16.1	2635.2
11/9/2016	10:00:00	0	151.46	16.1	2635.2
11/9/2016	10:15:00	0	151.487	16.1	2635.2
11/9/2016	10:30:00	0	151.548	16.1	2635.2
11/9/2016	10:45:00	0	151.538	16.1	2635.2
11/9/2016	11:00:00	0	151.582	16.1	2635.2
11/9/2016	11:15:00	0	151.624	16.1	2635.2
11/9/2016	11:30:00	0	151.626	16.1	2632.8
11/9/2016	11:45:00	0	151.611	16.1	2635.2
11/9/2016	12:00:00	0	151.598	16.1	2632.8
11/9/2016	12:15:00	0	151.591	16.1	2632.8
11/9/2016	12:30:00	0	151.643	16.1	2635.2
11/9/2016	12:45:00	0	151.67	16.1	2632.8
11/9/2016	13:00:00	0	151.697	16.1	2632.8
11/9/2016	13:15:00	0	151.691	16.1	2632.8
11/9/2016	13:30:00	0	151.698	16.1	2632.8
11/9/2016	13:45:00	0	151.702	16.1	2631.7
11/9/2016	14:00:00	0	151.675	16.1	2631.7
11/9/2016	14:15:00	0	151.673	16.1	2631.7
11/9/2016	14:30:00	0	151.655	16.1	2631.7
11/9/2016	14:45:00	0	151.694	16.1	2631.7
11/9/2016	15:00:00	0	151.679	16.1	2631.7
11/9/2016	15:15:00	0	151.716	16.1	2630.5
11/9/2016	15:30:00	0	151.655	16.1	2630.5
11/9/2016	15:45:00	0	151.676	16.1	2630.5
11/9/2016	16:00:00	0	151.693	16.1	2630.5
11/9/2016	16:15:00	0	151.694	16.1	2630.5

11/9/2016	16:30:00	0	151.657	16.1	2630.5
11/9/2016	16:45:00	0	151.636	16.1	2630.5
11/9/2016	17:00:00	0	151.662	16.1	2630.5
11/9/2016	17:15:00	0	151.63	16.1	2630.5
11/9/2016	17:30:00	0	151.628	16.1	2630.5
11/9/2016	17:45:00	0	151.669	16.1	2629.3
11/9/2016	18:00:00	0	151.647	16.1	2629.3
11/9/2016	18:15:00	0	151.666	16.1	2629.3
11/9/2016	18:30:00	0	151.605	16.1	2629.3
11/9/2016	18:45:00	0	151.624	16.1	2630.5
11/9/2016	19:00:00	0	151.581	16.1	2629.3
11/9/2016	19:15:00	0	151.6	16.1	2629.3
11/9/2016	19:30:00	0	151.618	16.1	2629.3
11/9/2016	19:45:00	0	151.595	16.1	2628.1
11/9/2016	20:00:00	0	151.611	16.1	2628.1
11/9/2016	20:15:00	0	151.573	16.1	2628.1
11/9/2016	20:30:00	0	151.586	16.1	2628.1
11/9/2016	20:45:00	0	151.61	16.1	2628.1
11/9/2016	21:00:00	0	151.605	16.1	2628.1
11/9/2016	21:15:00	0	151.566	16.1	2628.1
11/9/2016	21:30:00	0	151.606	16.1	2628.1
11/9/2016	21:45:00	0	151.601	16.1	2628.1
11/9/2016	22:00:00	0	151.618	16.1	2628.1
11/9/2016	22:15:00	0	151.639	16.1	2625.8
11/9/2016	22:30:00	0	151.676	16.1	2625.8
11/9/2016	22:45:00	0	151.616	16.1	2625.8
11/9/2016	23:00:00	0	151.635	16.1	2628.1
11/9/2016	23:15:00	0	151.676	16.1	2625.8
11/9/2016	23:30:00	0	151.656	16.1	2625.8
11/9/2016	23:45:00	0	151.657	16.1	2624.6

Report Date: 11/14/2016 8:31:02 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-6M LT Test_2016-11-10_15-31-49-414-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-6M
Device Name:
Serial Number: 440621
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 0

Log Configuration
Log Name: MPWSP MW-6M LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 2/17/2016 5:06:04 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 2/17/2016 5:30:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
2/17/2016 5:06:11 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 5:50:59 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 5:53:06 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:45:00 PM
2/18/2016 10:20:27 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 9:31:30 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/3/2016 11:05:22 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM
3/10/2016 2:06:02 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 3:14:55 PM	Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 4:00:00 PM
3/24/2016 8:15:42 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 2:13:33 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM
4/7/2016 8:45:41 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM
4/14/2016 8:24:00 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM
4/21/2016 8:37:28 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM
4/28/2016 9:52:18 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:30:00 AM
5/5/2016 7:43:20 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM
5/12/2016 8:17:34 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM
5/12/2016 8:20:59 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM
5/19/2016 11:18:20 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM
5/19/2016 11:22:24 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM
5/26/2016 8:04:01 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM
6/2/2016 9:56:39 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 4:15:00 PM
6/9/2016 8:06:48 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM
6/16/2016 9:25:57 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/16/2016 9:30:04 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM
6/16/2016 9:32:36 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/23/2016 8:39:02 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 10:10:06 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM
7/8/2016 10:40:51 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 4:49:05 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:45:00 PM
7/21/2016 4:10:15 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:45:00 PM
7/28/2016 4:57:55 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM
8/4/2016 2:05:41 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:00:00 PM
8/11/2016 9:44:02 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:00:00 PM
8/18/2016 2:05:31 PM	Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM
8/25/2016 11:10:51 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:15:00 PM
9/1/2016 8:18:29 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 4:12:00 PM	Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 4:45:00 PM
9/15/2016 12:00:42 PM	Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 12:45:00 PM
9/22/2016 10:14:34 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 10:00:00 PM
10/1/2016 8:44:03 AM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 9:45:00 AM
10/7/2016 3:34:18 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 3:45:00 PM
10/13/2016 3:11:00 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 3:15:00 PM
10/20/2016 2:24:50 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:15:00 PM
10/27/2016 2:36:02 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 2:45:00 PM
11/3/2016 2:09:57 PM	Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:00:00 PM
11/10/2016 3:30:22 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:00:00 PM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 747
Sensors: 2
1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: Baro-Adj Calc SN#: 000000	
11/3/2016 12:00:00 AM	7200.000	58.313	16.911	134.643	1216.866	1439.243	0.728	0.979	821.783	0.999	14.798
11/3/2016 12:15:00 AM	8100.000	58.328	16.912	134.677	1217.063	1439.427	0.729	0.979	821.650	0.999	14.795
11/3/2016 12:30:00 AM	9000.000	58.334	16.911	134.692	1216.950	1439.327	0.729	0.979			

821.727	0.999	14.792						
11/3/2016 12:45:00 AM	9900.000	58.329	16.912	134.680	1216.099	1438.292	0.728	0.978
822.301	0.999	14.796						
11/3/2016 1:00:00 AM	10800.000	58.316	16.912	134.649	1215.853	1437.982	0.728	0.978
822.468	0.999	14.791						
11/3/2016 1:15:00 AM	11700.000	58.324	16.912	134.669	1215.506	1437.580	0.728	0.978
822.703	0.999	14.798						
11/3/2016 1:30:00 AM	12600.000	58.332	16.911	134.687	1215.036	1437.064	0.727	0.977
823.021	0.999	14.794						
11/3/2016 1:45:00 AM	13500.000	58.330	16.913	134.681	1214.453	1436.323	0.727	0.977
823.416	0.999	14.796						
11/3/2016 2:00:00 AM	14400.000	58.323	16.914	134.666	1214.809	1436.707	0.727	0.977
823.175	0.999	14.799						
11/3/2016 2:15:00 AM	15300.000	58.308	16.912	134.631	1214.211	1436.042	0.727	0.977
823.580	0.999	14.802						
11/3/2016 2:30:00 AM	16200.000	58.316	16.911	134.650	1213.938	1435.751	0.727	0.976
823.765	0.999	14.807						
11/3/2016 2:45:00 AM	17100.000	58.324	16.912	134.668	1214.026	1435.836	0.727	0.976
823.705	0.999	14.802						
11/3/2016 3:00:00 AM	18000.000	58.330	16.911	134.683	1213.831	1435.642	0.727	0.976
823.838	0.999	14.798						
11/3/2016 3:15:00 AM	18900.000	58.326	16.913	134.673	1213.633	1435.351	0.726	0.976
823.972	0.999	14.802						
11/3/2016 3:30:00 AM	19800.000	58.326	16.913	134.673	1213.566	1435.272	0.726	0.976
824.018	0.999	14.803						
11/3/2016 3:45:00 AM	20700.000	58.325	16.912	134.670	1214.013	1435.823	0.727	0.976
823.714	0.999	14.800						
11/3/2016 4:00:00 AM	21600.000	58.326	16.913	134.672	1214.191	1435.988	0.727	0.976
823.593	0.999	14.799						
11/3/2016 4:15:00 AM	22500.000	58.331	16.912	134.685	1213.667	1435.422	0.726	0.976
823.949	0.999	14.797						
11/3/2016 4:30:00 AM	23400.000	58.331	16.913	134.685	1213.781	1435.514	0.727	0.976
823.872	0.999	14.795						
11/3/2016 4:45:00 AM	24300.000	58.327	16.914	134.674	1214.302	1436.105	0.727	0.977
823.518	0.999	14.801						
11/3/2016 5:00:00 AM	25200.000	58.323	16.913	134.667	1214.049	1435.817	0.727	0.976
823.690	0.999	14.797						
11/3/2016 5:15:00 AM	26100.000	58.306	16.913	134.626	1214.346	1436.182	0.727	0.977
823.489	0.999	14.802						
11/3/2016 5:30:00 AM	27000.000	58.329	16.913	134.681	1214.226	1436.031	0.727	0.977
823.570	0.999	14.799						
11/3/2016 5:45:00 AM	27900.000	58.320	16.914	134.659	1214.423	1436.236	0.727	0.977
823.437	0.999	14.794						
11/3/2016 6:00:00 AM	28800.000	58.323	16.913	134.665	1213.652	1435.365	0.726	0.976
823.959	0.999	14.806						
11/3/2016 6:15:00 AM	29700.000	58.311	16.913	134.637	1213.875	1435.636	0.727	0.976
823.808	0.999	14.803						
11/3/2016 6:30:00 AM	30600.000	58.331	16.913	134.684	1214.009	1435.769	0.727	0.976
823.717	0.999	14.799						
11/3/2016 6:45:00 AM	31500.000	58.312	16.913	134.641	1213.612	1435.323	0.726	0.976
823.986	0.999	14.804						
11/3/2016 7:00:00 AM	32400.000	58.332	16.911	134.687	1214.201	1436.082	0.727	0.977
823.587	0.999	14.797						
11/3/2016 7:15:00 AM	33300.000	58.337	16.912	134.698	1214.436	1436.311	0.727	0.977
823.428	0.999	14.792						
11/3/2016 7:30:00 AM	34200.000	58.329	16.913	134.680	1214.748	1436.660	0.727	0.977
823.216	0.999	14.799						
11/3/2016 7:45:00 AM	35100.000	58.333	16.912	134.689	1214.609	1436.525	0.727	0.977
823.310	0.999	14.800						
11/3/2016 8:00:00 AM	36000.000	58.342	16.912	134.710	1214.221	1436.080	0.727	0.977
823.573	0.999	14.796						
11/3/2016 8:15:00 AM	36900.000	58.336	16.912	134.696	1214.538	1436.426	0.727	0.977
823.359	0.999	14.804						
11/3/2016 8:30:00 AM	37800.000	58.319	16.911	134.657	1214.196	1436.070	0.727	0.977
823.590	0.999	14.807						
11/3/2016 8:45:00 AM	38700.000	58.339	16.913	134.703	1215.137	1437.130	0.727	0.977
822.952	0.999	14.804						
11/3/2016 9:00:00 AM	39600.000	58.324	16.913	134.667	1215.163	1437.154	0.727	0.977
822.935	0.999	14.806						
11/3/2016 9:15:00 AM	40500.000	58.335	16.912	134.694	1215.486	1437.550	0.728	0.978
822.716	0.999	14.810						
11/3/2016 9:30:00 AM	41400.000	58.321	16.912	134.661	1215.483	1437.556	0.728	0.978
822.718	0.999	14.809						
11/3/2016 9:45:00 AM	42300.000	58.334	16.911	134.692	1215.161	1437.200	0.727	0.977
822.936	0.999	14.807						
11/3/2016 10:00:00 AM	43200.000	58.321	16.910	134.662	1215.776	1437.970	0.728	0.978
822.520	0.999	14.804						
11/3/2016 10:15:00 AM	44100.000	58.326	16.913	134.674	1215.067	1437.024	0.727	0.977
823.000	0.999	14.799						
11/3/2016 10:30:00 AM	45000.000	58.335	16.912	134.694	1214.807	1436.770	0.727	0.977
823.176	0.999	14.803						
11/3/2016 10:45:00 AM	45900.000	58.339	16.912	134.703	1215.242	1437.268	0.727	0.977
822.881	0.999	14.800						
11/3/2016 11:00:00 AM	46800.000	58.328	16.912	134.678	1213.589	1435.316	0.726	0.976
824.002	0.999	14.798						
11/3/2016 11:15:00 AM	47700.000	58.341	16.912	134.706	1214.259	1436.114	0.727	0.977
823.547	0.999	14.799						
11/3/2016 11:30:00 AM	48600.000	58.332	16.912	134.686	1214.594	1436.496	0.727	0.977
823.320	0.999	14.798						
11/3/2016 11:45:00 AM	49500.000	58.341	16.913	134.707	1215.138	1437.125	0.727	0.977
822.952	0.999	14.789						
11/3/2016 12:00:00 PM	50400.000	58.337	16.912	134.699	1214.178	1436.026	0.727	0.976
823.602	0.999	14.790						
11/3/2016 12:15:00 PM	51300.000	58.330	16.912	134.682	1213.997	1435.801	0.727	0.976
823.725	0.999	14.792						
11/3/2016 12:30:00 PM	52200.000	58.320	16.911	134.658	1215.093	1437.119	0.727	0.977
822.982	0.999	14.784						
11/3/2016 12:45:00 PM	53100.000	58.336	16.912	134.695	1215.646	1437.762	0.728	0.978
822.608	0.999	14.786						
11/3/2016 1:00:00 PM	54000.000	58.331	16.912	134.685	1215.364	1437.415	0.728	0.977
822.799	0.999	14.784						
11/3/2016 1:15:00 PM	54900.000	58.332	16.911	134.687	1215.731	1437.892	0.728	0.978
822.550	0.999	14.775						
11/3/2016 1:30:00 PM	55800.000	58.332	16.912	134.688	1214.666	1436.601	0.727	0.977
823.271	0.999	14.775						
11/3/2016 1:45:00 PM	56700.000	58.331	16.911	134.684	1214.449	1436.364	0.727	0.977
823.418	0.999	14.772						
11/3/2016 2:00:00 PM	57600.000	58.335	16.913	134.693	1214.918	1436.845	0.727	0.977
823.101	0.999	14.764						
11/3/2016 2:15:00 PM	58500.000	58.337	16.912	134.699	1214.471	1436.358	0.727	0.977
823.404	0.999	14.761						
11/3/2016 2:30:00 PM	59400.000	58.322	16.911	134.664	1219.039	1441.793	0.730	0.980
820.318	0.999	14.759						
11/3/2016 2:45:00 PM	60300.000	58.333	16.911	134.688	1221.772	1445.013	0.732	0.983
818.484	0.999	14.761						
11/3/2016 3:00:00 PM	61200.000	58.328	16.911	134.678	1221.302	1444.467	0.731	0.982
818.798	0.999	14.762						
11/3/2016 3:15:00 PM	62100.000	58.339	16.913	134.703	1222.913	1446.296	0.732	0.983
817.720	0.999	14.755						
11/3/2016 3:30:00 PM	63000.000	58.328	16.912	134.678	1223.056	1446.512	0.732	0.984
817.624	0.999	14.760						
11/3/2016 3:45:00 PM	63900.000	58.332	16.912	134.687	1222.962	1446.401	0.732	0.984
817.687	0.999	14.756						
11/3/2016 4:00:00 PM	64800.000	58.327	16.911	134.676	1223.248	1446.773	0.732	0.984
817.496	0.999	14.762						
11/3/2016 4:15:00 PM	65700.000	58.310	16.912	134.635	1223.452	1446.988	0.733	0.984
817.360	0.999	14.762						
11/3/2016 4:30:00 PM	66600.000	58.324	16.912	134.668	1223.532	1447.072	0.733	0.984
817.306	0.999	14.759						
11/3/2016 4:45:00 PM	67500.000	58.320	16.911	134.659	1223.747	1447.361	0.733	0.984
817.162	0.999	14.762						
11/3/2016 5:00:00 PM	68400.000	58.320	16.914	134.658	1223.192	1446.615	0.732	0.984
817.533	0.999	14.758						

11/3/2016 5:15:00 PM	69300.000	58.318	16.911	134.655	1223.036	1446.511	0.732	0.984
817.638	0.999	14.759						
11/3/2016 5:30:00 PM	70200.000	58.312	16.913	134.642	1223.520	1447.044	0.733	0.984
817.314	0.999	14.761						
11/3/2016 5:45:00 PM	71100.000	58.309	16.911	134.635	1223.911	1447.574	0.733	0.984
817.053	0.999	14.761						
11/3/2016 6:00:00 PM	72000.000	58.307	16.911	134.630	1223.491	1447.069	0.733	0.984
817.333	0.999	14.758						
11/3/2016 6:15:00 PM	72900.000	58.301	16.913	134.616	1223.662	1447.209	0.733	0.984
817.219	0.999	14.756						
11/3/2016 6:30:00 PM	73800.000	58.297	16.912	134.582	1223.571	1447.113	0.733	0.984
817.280	0.999	14.760						
11/3/2016 6:45:00 PM	74700.000	58.284	16.911	134.577	1222.195	1445.542	0.732	0.983
818.200	0.999	14.757						
11/3/2016 7:00:00 PM	75600.000	58.292	16.914	134.596	1222.044	1445.258	0.732	0.983
818.301	0.999	14.761						
11/3/2016 7:15:00 PM	76500.000	58.295	16.912	134.601	1220.533	1443.526	0.731	0.982
819.314	0.999	14.761						
11/3/2016 7:30:00 PM	77400.000	58.297	16.912	134.606	1221.846	1445.073	0.732	0.983
818.434	0.999	14.759						
11/3/2016 7:45:00 PM	78300.000	58.289	16.912	134.587	1221.636	1444.824	0.731	0.982
818.574	0.999	14.764						
11/3/2016 8:00:00 PM	79200.000	58.285	16.913	134.578	1221.605	1444.770	0.731	0.982
818.595	0.999	14.764						
11/3/2016 8:15:00 PM	80100.000	58.291	16.911	134.593	1222.224	1445.579	0.732	0.983
818.181	0.999	14.757						
11/3/2016 8:30:00 PM	81000.000	58.281	16.913	134.569	1222.681	1446.037	0.732	0.983
817.875	0.999	14.768						
11/3/2016 8:45:00 PM	81900.000	58.292	16.910	134.594	1223.118	1446.651	0.732	0.984
817.583	0.999	14.762						
11/3/2016 9:00:00 PM	82800.000	58.285	16.912	134.579	1223.709	1447.276	0.733	0.984
817.188	0.999	14.762						
11/3/2016 9:15:00 PM	83700.000	58.269	16.912	134.541	1223.462	1447.010	0.733	0.984
817.353	0.999	14.761						
11/3/2016 9:30:00 PM	84600.000	58.277	16.912	134.561	1222.290	1445.612	0.732	0.983
818.136	0.999	14.759						
11/3/2016 9:45:00 PM	85500.000	58.287	16.911	134.582	1223.126	1446.629	0.732	0.984
817.577	0.999	14.764						
11/3/2016 10:00:00 PM	86400.000	58.272	16.910	134.549	1223.689	1447.324	0.733	0.984
817.201	0.999	14.765						
11/3/2016 10:15:00 PM	87300.000	58.291	16.912	134.593	1223.871	1447.478	0.733	0.984
817.080	0.999	14.763						
11/3/2016 10:30:00 PM	88200.000	58.288	16.911	134.584	1223.950	1447.592	0.733	0.984
817.027	0.999	14.770						
11/3/2016 10:45:00 PM	89100.000	58.293	16.911	134.596	1224.237	1447.929	0.733	0.985
816.836	0.999	14.763						
11/3/2016 11:00:00 PM	90000.000	58.275	16.909	134.555	1223.973	1447.683	0.733	0.984
817.011	0.999	14.770						
11/3/2016 11:15:00 PM	90900.000	58.290	16.911	134.591	1223.955	1447.627	0.733	0.984
817.023	0.999	14.769						
11/3/2016 11:30:00 PM	91800.000	58.295	16.912	134.602	1223.704	1447.272	0.733	0.984
817.191	0.999	14.766						
11/3/2016 11:45:00 PM	92700.000	58.286	16.911	134.580	1223.513	1447.101	0.733	0.984
817.319	0.999	14.771						
11/4/2016 12:00:00 AM	93600.000	58.290	16.912	134.590	1223.390	1446.921	0.733	0.984
817.401	0.999	14.771						
11/4/2016 12:15:00 AM	94500.000	58.297	16.911	134.606	1223.712	1447.308	0.733	0.984
817.186	0.999	14.764						
11/4/2016 12:30:00 AM	95400.000	58.295	16.910	134.601	1223.737	1447.386	0.733	0.984
817.169	0.999	14.768						
11/4/2016 12:45:00 AM	96300.000	58.294	16.911	134.600	1224.068	1447.744	0.733	0.984
816.948	0.999	14.765						
11/4/2016 1:00:00 AM	97200.000	58.296	16.910	134.604	1223.880	1447.558	0.733	0.984
817.073	0.999	14.768						
11/4/2016 1:15:00 AM	98100.000	58.283	16.912	134.573	1222.892	1446.310	0.732	0.983
817.734	0.999	14.764						
11/4/2016 1:30:00 AM	99000.000	58.291	16.911	134.592	1222.978	1446.462	0.732	0.984
817.677	0.999	14.760						
11/4/2016 1:45:00 AM	99900.000	58.305	16.910	134.624	1222.906	1446.389	0.732	0.984
817.725	0.999	14.764						
11/4/2016 2:00:00 AM	100800.000	58.281	16.910	134.568	1223.879	1447.554	0.733	0.984
817.074	0.999	14.770						
11/4/2016 2:15:00 AM	101700.000	58.301	16.911	134.615	1224.414	1448.169	0.733	0.985
816.717	0.999	14.769						
11/4/2016 2:30:00 AM	102600.000	58.289	16.910	134.587	1223.990	1447.671	0.733	0.984
817.000	0.999	14.768						
11/4/2016 2:45:00 AM	103500.000	58.290	16.911	134.591	1224.350	1448.094	0.733	0.985
816.760	0.999	14.771						
11/4/2016 3:00:00 AM	104400.000	58.308	16.909	134.631	1223.141	1446.724	0.732	0.984
817.568	0.999	14.766						
11/4/2016 3:15:00 AM	105300.000	58.301	16.911	134.616	1223.030	1446.521	0.732	0.984
817.641	0.999	14.774						
11/4/2016 3:30:00 AM	106200.000	58.291	16.910	134.591	1222.871	1446.350	0.732	0.984
817.748	0.999	14.773						
11/4/2016 3:45:00 AM	107100.000	58.313	16.910	134.643	1222.990	1446.491	0.732	0.984
817.668	0.999	14.769						
11/4/2016 4:00:00 AM	108000.000	58.306	16.911	134.627	1222.983	1446.475	0.732	0.984
817.673	0.999	14.774						
11/4/2016 4:15:00 AM	108900.000	58.293	16.910	134.596	1222.549	1445.975	0.732	0.983
817.963	0.999	14.774						
11/4/2016 4:30:00 AM	109800.000	58.313	16.912	134.643	1222.737	1446.151	0.732	0.983
817.838	0.999	14.769						
11/4/2016 4:45:00 AM	110700.000	58.304	16.911	134.623	1222.225	1445.557	0.732	0.983
818.180	0.999	14.778						
11/4/2016 5:00:00 AM	111600.000	58.317	16.910	134.651	1222.087	1445.443	0.732	0.983
818.272	0.999	14.769						
11/4/2016 5:15:00 AM	112500.000	58.315	16.910	134.648	1222.723	1446.201	0.732	0.983
817.847	0.999	14.772						
11/4/2016 5:30:00 AM	113400.000	58.298	16.909	134.609	1223.210	1446.791	0.732	0.984
817.521	0.999	14.775						
11/4/2016 5:45:00 AM	114300.000	58.310	16.911	134.636	1223.465	1447.039	0.733	0.984
817.351	0.999	14.778						
11/4/2016 6:00:00 AM	115200.000	58.312	16.910	134.642	1223.262	1446.810	0.732	0.984
817.486	0.999	14.778						
11/4/2016 6:15:00 AM	116100.000	58.305	16.909	134.624	1223.417	1447.025	0.733	0.984
817.383	0.999	14.775						
11/4/2016 6:30:00 AM	117000.000	58.320	16.910	134.660	1223.494	1447.096	0.733	0.984
817.331	0.999	14.776						
11/4/2016 6:45:00 AM	117900.000	58.307	16.910	134.630	1223.561	1447.172	0.733	0.984
817.287	0.999	14.774						
11/4/2016 7:00:00 AM	118800.000	58.324	16.910	134.667	1223.012	1446.523	0.732	0.984
817.654	0.999	14.774						
11/4/2016 7:15:00 AM	119700.000	58.315	16.908	134.649	1223.367	1446.997	0.733	0.984
817.416	0.999	14.772						
11/4/2016 7:30:00 AM	120600.000	58.311	16.911	134.639	1223.688	1447.302	0.733	0.984
817.202	0.999	14.769						
11/4/2016 7:45:00 AM	121500.000	58.334	16.911	134.692	1222.858	1446.320	0.732	0.983
817.757	0.999	14.768						
11/4/2016 8:00:00 AM	122400.000	58.315	16.910	134.648	1222.249	1445.629	0.732	0.983
818.164	0.999	14.774						
11/4/2016 8:15:00 AM	123300.000	58.327	16.910	134.675	1222.163	1445.530	0.732	0.983
818.222	0.999	14.778						
11/4/2016 8:30:00 AM	124200.000	58.340	16.910	134.706	1221.950	1445.278	0.732	0.983
818.364	0.999	14.770						
11/4/2016 8:45:00 AM	125100.000	58.337	16.911	134.698	1222.316	1445.689	0.732	0.983
818.119	0.999	14.775						
11/4/2016 9:00:00 AM	126000.000	58.339	16.911	134.703	1222.378	1445.730	0.732	0.983
818.078	0.999	14.771						
11/4/2016 9:15:00 AM	126900.000	58.332	16.908	134.686	1221.836	1445.187	0.732	0.983
818.440	0.999	14.786						
11/4/2016 9:30:00 AM	127800.000	58.333	16.910	134.688	1222.158	1445.504	0.732	0.983
818.225	0.999	14.783						
11/4/2016 9:45:00 AM	128700.000	58.341	16.909	134.708	1222.808	1446.324	0.732	0.984

817.790	0.999	14.775						
11/4/2016 10:00:00 AM	129600.000	58.319	16.910	134.657	1223.076	1446.593	0.732	0.984
817.611	0.999	14.780						
11/4/2016 10:15:00 AM	130500.000	58.334	16.910	134.690	1223.057	1446.584	0.732	0.984
817.624	0.999	14.782						
11/4/2016 10:30:00 AM	131400.000	58.330	16.911	134.682	1223.410	1446.962	0.733	0.984
817.388	0.999	14.782						
11/4/2016 10:45:00 AM	132300.000	58.325	16.910	134.670	1223.442	1447.029	0.733	0.984
817.366	0.999	14.787						
11/4/2016 11:00:00 AM	133200.000	58.322	16.908	134.663	1223.024	1446.603	0.732	0.984
817.646	0.999	14.785						
11/4/2016 11:15:00 AM	134100.000	58.321	16.909	134.661	1222.988	1446.532	0.732	0.984
817.669	0.999	14.786						
11/4/2016 11:30:00 AM	135000.000	58.320	16.909	134.660	1223.192	1446.767	0.732	0.984
817.533	0.999	14.785						
11/4/2016 11:45:00 AM	135900.000	58.316	16.910	134.650	1222.839	1446.332	0.732	0.984
817.769	0.999	14.785						
11/4/2016 12:00:00 PM	136800.000	58.308	16.911	134.632	1221.984	1445.287	0.732	0.983
818.341	0.999	14.790						
11/4/2016 12:15:00 PM	137700.000	58.311	16.910	134.639	1221.833	1445.132	0.732	0.983
818.442	0.999	14.785						
11/4/2016 12:30:00 PM	138600.000	58.310	16.910	134.636	1221.983	1445.326	0.732	0.983
818.342	0.999	14.782						
11/4/2016 12:45:00 PM	139500.000	58.309	16.912	134.634	1221.807	1445.043	0.732	0.983
818.460	0.999	14.779						
11/4/2016 1:00:00 PM	140400.000	58.309	16.911	134.634	1221.902	1445.181	0.732	0.983
818.396	0.999	14.773						
11/4/2016 1:15:00 PM	141300.000	58.300	16.908	134.613	1221.296	1444.551	0.731	0.982
818.802	0.999	14.775						
11/4/2016 1:30:00 PM	142200.000	58.281	16.909	134.569	1222.009	1445.360	0.732	0.983
818.324	0.999	14.779						
11/4/2016 1:45:00 PM	143100.000	58.280	16.908	134.568	1223.136	1446.733	0.732	0.984
817.570	0.999	14.775						
11/4/2016 2:00:00 PM	144000.000	58.293	16.910	134.598	1223.010	1446.515	0.732	0.984
817.655	0.999	14.778						
11/4/2016 2:15:00 PM	144900.000	58.291	16.912	134.591	1222.724	1446.136	0.732	0.983
817.846	0.999	14.778						
11/4/2016 2:30:00 PM	145800.000	58.282	16.909	134.572	1222.984	1446.525	0.732	0.984
817.672	0.999	14.778						
11/4/2016 2:45:00 PM	146700.000	58.291	16.909	134.592	1222.598	1446.062	0.732	0.983
817.931	0.999	14.774						
11/4/2016 3:00:00 PM	147600.000	58.284	16.910	134.576	1223.240	1446.810	0.732	0.984
817.501	0.999	14.778						
11/4/2016 3:15:00 PM	148500.000	58.283	16.909	134.573	1224.287	1448.054	0.733	0.985
816.802	0.999	14.776						
11/4/2016 3:30:00 PM	149400.000	58.281	16.910	134.568	1224.362	1448.123	0.733	0.985
816.752	0.999	14.778						
11/4/2016 3:45:00 PM	150300.000	58.272	16.910	134.547	1224.411	1448.198	0.733	0.985
816.719	0.999	14.775						
11/4/2016 4:00:00 PM	151200.000	58.281	16.910	134.569	1224.281	1448.024	0.733	0.985
816.806	0.999	14.777						
11/4/2016 4:15:00 PM	152100.000	58.282	16.908	134.572	1224.455	1448.293	0.733	0.985
816.690	0.999	14.780						
11/4/2016 4:30:00 PM	153000.000	58.283	16.910	134.573	1224.471	1448.259	0.733	0.985
816.680	0.999	14.779						
11/4/2016 4:45:00 PM	153900.000	58.266	16.907	134.535	1224.584	1448.479	0.733	0.985
816.604	0.999	14.776						
11/4/2016 5:00:00 PM	154800.000	58.280	16.908	134.567	1224.652	1448.540	0.733	0.985
816.559	0.999	14.778						
11/4/2016 5:15:00 PM	155700.000	58.265	16.910	134.532	1224.307	1448.054	0.733	0.985
816.789	0.999	14.780						
11/4/2016 5:30:00 PM	156600.000	58.276	16.910	134.557	1224.349	1448.107	0.733	0.985
816.761	0.999	14.780						
11/4/2016 5:45:00 PM	157500.000	58.272	16.910	134.548	1223.120	1446.671	0.732	0.984
817.581	0.999	14.774						
11/4/2016 6:00:00 PM	158400.000	58.272	16.910	134.548	1222.882	1446.389	0.732	0.984
817.740	0.999	14.777						
11/4/2016 6:15:00 PM	159300.000	58.269	16.912	134.541	1222.806	1446.231	0.732	0.983
817.791	0.999	14.774						
11/4/2016 6:30:00 PM	160200.000	58.263	16.912	134.528	1221.657	1444.851	0.731	0.982
818.561	0.999	14.775						
11/4/2016 6:45:00 PM	161100.000	58.246	16.911	134.489	1220.917	1444.019	0.731	0.982
819.057	0.999	14.778						
11/4/2016 7:00:00 PM	162000.000	58.257	16.912	134.513	1221.083	1444.170	0.731	0.982
818.945	0.999	14.775						
11/4/2016 7:15:00 PM	162900.000	58.253	16.912	134.505	1218.779	1441.454	0.730	0.980
820.493	0.999	14.776						
11/4/2016 7:30:00 PM	163800.000	58.251	16.912	134.500	1220.166	1443.094	0.731	0.981
819.561	0.999	14.778						
11/4/2016 7:45:00 PM	164700.000	58.254	16.912	134.506	1220.251	1443.189	0.731	0.981
819.503	0.999	14.776						
11/4/2016 8:00:00 PM	165600.000	58.249	16.910	134.496	1220.745	1443.839	0.731	0.982
819.172	0.999	14.781						
11/4/2016 8:15:00 PM	166500.000	58.258	16.910	134.516	1221.114	1444.269	0.731	0.982
818.925	0.999	14.773						
11/4/2016 8:30:00 PM	167400.000	58.257	16.910	134.514	1221.137	1444.311	0.731	0.982
818.909	0.999	14.776						
11/4/2016 8:45:00 PM	168300.000	58.247	16.912	134.491	1221.243	1444.364	0.731	0.982
818.838	0.999	14.782						
11/4/2016 9:00:00 PM	169200.000	58.249	16.912	134.494	1220.611	1443.632	0.731	0.982
819.262	0.999	14.781						
11/4/2016 9:15:00 PM	170100.000	58.252	16.911	134.502	1220.653	1443.690	0.731	0.982
819.234	0.999	14.780						
11/4/2016 9:30:00 PM	171000.000	58.224	16.910	134.437	1219.346	1442.187	0.730	0.981
820.112	0.999	14.786						
11/4/2016 9:45:00 PM	171900.000	58.244	16.911	134.484	1218.580	1441.258	0.730	0.980
820.628	0.999	14.782						
11/4/2016 10:00:00 PM	172800.000	58.244	16.912	134.484	1219.183	1441.935	0.730	0.981
820.221	0.999	14.784						
11/4/2016 10:15:00 PM	173700.000	58.248	16.911	134.494	1218.947	1441.681	0.730	0.980
820.380	0.999	14.780						
11/4/2016 10:30:00 PM	174600.000	58.241	16.911	134.478	1221.014	1444.118	0.731	0.982
818.991	0.999	14.787						
11/4/2016 10:45:00 PM	175500.000	58.239	16.913	134.473	1220.559	1443.512	0.731	0.982
819.297	0.999	14.792						
11/4/2016 11:00:00 PM	176400.000	58.243	16.911	134.482	1219.764	1442.638	0.730	0.981
819.831	0.999	14.792						
11/4/2016 11:15:00 PM	177300.000	58.228	16.910	134.446	1218.352	1441.020	0.729	0.980
820.781	0.999	14.795						
11/4/2016 11:30:00 PM	178200.000	58.247	16.912	134.490	1218.661	1441.328	0.730	0.980
820.573	0.999	14.791						
11/4/2016 11:45:00 PM	179100.000	58.228	16.910	134.447	1220.291	1443.304	0.731	0.981
819.477	0.999	14.794						
11/5/2016 12:00:00 AM	180000.000	58.250	16.910	134.496	1220.410	1443.440	0.731	0.982
819.397	0.999	14.795						
11/5/2016 12:15:00 AM	180900.000	58.248	16.910	134.492	1219.820	1442.759	0.730	0.981
819.793	0.999	14.795						
11/5/2016 12:30:00 AM	181800.000	58.230	16.911	134.451	1218.690	1441.397	0.730	0.980
820.553	0.999	14.796						
11/5/2016 12:45:00 AM	182700.000	58.245	16.912	134.487	1218.722	1441.389	0.730	0.980
820.532	0.999	14.793						
11/5/2016 1:00:00 AM	183600.000	58.246	16.908	134.489	1218.326	1441.038	0.729	0.980
820.798	0.999	14.781						
11/5/2016 1:15:00 AM	184500.000	58.257	16.909	134.513	1219.487	1442.383	0.730	0.981
820.017	0.999	14.784						
11/5/2016 1:30:00 AM	185400.000	58.250	16.911	134.497	1218.953	1441.688	0.730	0.980
820.376	0.999	14.793						
11/5/2016 1:45:00 AM	186300.000	58.257	16.909	134.513	1219.956	1442.931	0.730	0.981
819.702	0.999	14.788						
11/5/2016 2:00:00 AM	187200.000	58.258	16.910	134.516	1220.344	1443.385	0.731	0.982
819.441	0.999	14.785						
11/5/2016 2:15:00 AM	188100.000	58.259	16.911	134.518	1219.465	1442.285	0.730	0.981
820.032	0.999	14.786						

11/5/2016 2:30:00 AM	189000.000	58.262	16.912	134.526	1219.616	1442.440	0.730	0.981
819.930	0.999	14.781						
11/5/2016 2:45:00 AM	189900.000	58.262	16.910	134.525	1219.872	1442.826	0.730	0.981
819.758	0.999	14.783						
11/5/2016 3:00:00 AM	190800.000	58.258	16.912	134.517	1220.181	1443.128	0.731	0.981
819.551	0.999	14.781						
11/5/2016 3:15:00 AM	191700.000	58.245	16.910	134.486	1220.182	1443.170	0.731	0.981
819.550	0.999	14.785						
11/5/2016 3:30:00 AM	192600.000	58.260	16.913	134.520	1219.920	1442.772	0.730	0.981
819.726	0.999	14.783						
11/5/2016 3:45:00 AM	193500.000	58.244	16.913	134.483	1219.437	1442.203	0.730	0.981
820.051	0.999	14.788						
11/5/2016 4:00:00 AM	194400.000	58.252	16.913	134.502	1219.308	1442.063	0.730	0.981
820.137	0.999	14.789						
11/5/2016 4:15:00 AM	195300.000	58.241	16.911	134.478	1219.904	1442.807	0.730	0.981
819.737	0.999	14.785						
11/5/2016 4:30:00 AM	196200.000	58.263	16.912	134.526	1219.502	1442.324	0.730	0.981
820.007	0.999	14.778						
11/5/2016 4:45:00 AM	197100.000	58.269	16.912	134.541	1218.371	1440.963	0.729	0.980
820.768	0.999	14.774						
11/5/2016 5:00:00 AM	198000.000	58.264	16.912	134.529	1218.718	1441.396	0.730	0.980
820.534	0.999	14.773						
11/5/2016 5:15:00 AM	198900.000	58.264	16.913	134.530	1218.853	1441.496	0.730	0.980
820.443	0.999	14.769						
11/5/2016 5:30:00 AM	199800.000	58.267	16.912	134.537	1218.228	1440.791	0.729	0.980
820.864	0.999	14.770						
11/5/2016 5:45:00 AM	200700.000	58.270	16.913	134.544	1217.598	1440.043	0.729	0.979
821.289	0.999	14.769						
11/5/2016 6:00:00 AM	201600.000	58.258	16.912	134.515	1218.127	1440.677	0.729	0.980
820.932	0.999	14.767						
11/5/2016 6:15:00 AM	202500.000	58.274	16.912	134.552	1219.082	1441.806	0.730	0.980
820.289	0.999	14.771						
11/5/2016 6:30:00 AM	203400.000	58.273	16.912	134.551	1216.638	1438.927	0.728	0.978
821.937	0.999	14.773						
11/5/2016 6:45:00 AM	204300.000	58.260	16.910	134.520	1217.244	1439.706	0.729	0.979
821.528	0.999	14.772						
11/5/2016 7:00:00 AM	205200.000	58.282	16.911	134.571	1216.892	1439.271	0.728	0.979
821.765	0.999	14.771						
11/5/2016 7:15:00 AM	206100.000	58.283	16.911	134.574	1218.370	1441.019	0.729	0.980
820.768	0.999	14.774						
11/5/2016 7:30:00 AM	207000.000	58.282	16.912	134.572	1218.375	1440.973	0.729	0.980
820.765	0.999	14.774						
11/5/2016 7:45:00 AM	207900.000	58.286	16.913	134.581	1217.723	1440.188	0.729	0.979
821.205	0.999	14.770						
11/5/2016 8:00:00 AM	208800.000	58.284	16.911	134.576	1219.355	1442.169	0.730	0.981
820.106	0.999	14.773						
11/5/2016 8:15:00 AM	209700.000	58.283	16.912	134.575	1218.454	1441.070	0.729	0.980
820.712	0.999	14.775						
11/5/2016 8:30:00 AM	210600.000	58.288	16.912	134.585	1217.319	1439.718	0.729	0.979
821.478	0.999	14.771						
11/5/2016 8:45:00 AM	211500.000	58.265	16.912	134.531	1215.205	1437.215	0.727	0.977
822.907	0.999	14.774						
11/5/2016 9:00:00 AM	212400.000	58.286	16.913	134.580	1215.295	1437.302	0.727	0.977
822.845	0.999	14.769						
11/5/2016 9:15:00 AM	213300.000	58.284	16.913	134.576	1215.750	1437.848	0.728	0.978
822.538	0.999	14.767						
11/5/2016 9:30:00 AM	214200.000	58.281	16.914	134.570	1217.271	1439.610	0.729	0.979
821.510	0.999	14.769						
11/5/2016 9:45:00 AM	215100.000	58.275	16.915	134.554	1216.383	1438.520	0.728	0.978
822.110	0.999	14.775						
11/5/2016 10:00:00 AM	216000.000	58.263	16.913	134.527	1215.356	1437.379	0.727	0.977
822.804	0.999	14.786						
11/5/2016 10:15:00 AM	216900.000	58.274	16.912	134.553	1215.075	1437.076	0.727	0.977
822.995	0.999	14.774						
11/5/2016 10:30:00 AM	217800.000	58.274	16.913	134.554	1216.087	1438.247	0.728	0.978
822.310	0.999	14.774						
11/5/2016 10:45:00 AM	218700.000	58.269	16.912	134.540	1215.777	1437.906	0.728	0.978
822.519	0.999	14.781						
11/5/2016 11:00:00 AM	219600.000	58.268	16.913	134.538	1216.577	1438.806	0.728	0.978
821.979	0.999	14.779						
11/5/2016 11:15:00 AM	220500.000	58.242	16.912	134.480	1216.955	1439.302	0.729	0.979
821.723	0.999	14.785						
11/5/2016 11:30:00 AM	221400.000	58.259	16.913	134.518	1215.704	1437.789	0.728	0.978
822.568	0.999	14.786						
11/5/2016 11:45:00 AM	222300.000	58.260	16.912	134.521	1216.618	1438.909	0.728	0.978
821.951	0.999	14.780						
11/5/2016 12:00:00 PM	223200.000	58.255	16.913	134.509	1218.043	1440.546	0.729	0.980
820.989	0.999	14.786						
11/5/2016 12:15:00 PM	224100.000	58.258	16.911	134.517	1217.935	1440.501	0.729	0.980
821.062	0.999	14.785						
11/5/2016 12:30:00 PM	225000.000	58.241	16.912	134.478	1217.114	1439.490	0.729	0.979
821.616	0.999	14.784						
11/5/2016 12:45:00 PM	225900.000	58.258	16.910	134.516	1217.188	1439.626	0.729	0.979
821.566	0.999	14.780						
11/5/2016 1:00:00 PM	226800.000	58.244	16.912	134.483	1217.960	1440.500	0.729	0.980
821.045	0.999	14.778						
11/5/2016 1:15:00 PM	227700.000	58.260	16.913	134.520	1219.500	1442.278	0.730	0.981
820.008	0.999	14.780						
11/5/2016 1:30:00 PM	228600.000	58.256	16.910	134.510	1220.537	1443.587	0.731	0.982
819.311	0.999	14.781						
11/5/2016 1:45:00 PM	229500.000	58.239	16.908	134.471	1220.288	1443.355	0.731	0.981
819.479	0.999	14.780						
11/5/2016 2:00:00 PM	230400.000	58.242	16.910	134.479	1219.552	1442.434	0.730	0.981
819.973	0.999	14.778						
11/5/2016 2:15:00 PM	231300.000	58.253	16.909	134.505	1219.467	1442.382	0.730	0.981
820.030	0.999	14.780						
11/5/2016 2:30:00 PM	232200.000	58.254	16.910	134.506	1220.210	1443.229	0.731	0.981
819.531	0.999	14.784						
11/5/2016 2:45:00 PM	233100.000	58.260	16.911	134.521	1220.883	1443.970	0.731	0.982
819.079	0.999	14.773						
11/5/2016 3:00:00 PM	234000.000	58.267	16.909	134.536	1221.329	1444.564	0.731	0.982
818.780	0.999	14.773						
11/5/2016 3:15:00 PM	234900.000	58.259	16.911	134.517	1221.375	1444.573	0.731	0.982
818.749	0.999	14.779						
11/5/2016 3:30:00 PM	235800.000	58.243	16.909	134.480	1221.266	1444.504	0.731	0.982
818.823	0.999	14.778						
11/5/2016 3:45:00 PM	236700.000	58.247	16.912	134.491	1221.121	1444.238	0.731	0.982
818.919	0.999	14.772						
11/5/2016 4:00:00 PM	237600.000	58.241	16.909	134.477	1222.329	1445.747	0.732	0.983
818.110	0.999	14.775						
11/5/2016 4:15:00 PM	238500.000	58.245	16.911	134.486	1221.979	1445.264	0.732	0.983
818.345	0.999	14.773						
11/5/2016 4:30:00 PM	239400.000	58.250	16.910	134.497	1220.413	1443.446	0.731	0.982
819.395	0.999	14.779						
11/5/2016 4:45:00 PM	240300.000	58.251	16.910	134.499	1221.239	1444.426	0.731	0.982
818.841	0.999	14.777						
11/5/2016 5:00:00 PM	241200.000	58.252	16.910	134.501	1220.405	1443.431	0.731	0.982
819.400	0.999	14.774						
11/5/2016 5:15:00 PM	242100.000	58.246	16.912	134.488	1219.457	1442.247	0.730	0.981
820.037	0.999	14.769						
11/5/2016 5:30:00 PM	243000.000	58.245	16.908	134.485	1219.922	1442.923	0.730	0.981
819.724	0.999	14.765						
11/5/2016 5:45:00 PM	243900.000	58.231	16.910	134.453	1220.081	1443.048	0.730	0.981
819.617	0.999	14.767						
11/5/2016 6:00:00 PM	244800.000	58.248	16.911	134.492	1219.984	1442.898	0.730	0.981
819.683	0.999	14.767						
11/5/2016 6:15:00 PM	245700.000	58.251	16.911	134.499	1220.122	1443.062	0.730	0.981
819.590	0.999	14.760						
11/5/2016 6:30:00 PM	246600.000	58.241	16.912	134.477	1220.567	1443.585	0.731	0.982
819.291	0.999	14.759						
11/5/2016 6:45:00 PM	247500.000	58.235	16.911	134.463	1219.372	1442.180	0.730	0.981
820.095	0.999	14.757						
11/5/2016 7:00:00 PM	248400.000	58.244	16.911	134.483	1220.179	1443.152	0.731	0.981

819.552	0.999	14.767						
11/5/2016 7:15:00 PM	249300.000	58.248	16.910	134.492	1220.808	1443.914	0.731	0.982
819.129	0.999	14.763						
11/5/2016 7:30:00 PM	250200.000	58.249	16.910	134.496	1220.928	1444.075	0.731	0.982
819.049	0.999	14.757						
11/5/2016 7:45:00 PM	251100.000	58.240	16.911	134.474	1221.442	1444.649	0.731	0.982
818.704	0.999	14.763						
11/5/2016 8:00:00 PM	252000.000	58.220	16.908	134.429	1220.776	1443.938	0.731	0.982
819.151	0.999	14.759						
11/5/2016 8:15:00 PM	252900.000	58.233	16.909	134.457	1220.570	1443.674	0.731	0.982
819.289	0.999	14.766						
11/5/2016 8:30:00 PM	253800.000	58.232	16.909	134.456	1220.384	1443.440	0.731	0.982
819.414	0.999	14.764						
11/5/2016 8:45:00 PM	254700.000	58.241	16.910	134.477	1220.124	1443.119	0.731	0.981
819.589	0.999	14.755						
11/5/2016 9:00:00 PM	255600.000	58.224	16.911	134.438	1219.879	1442.782	0.730	0.981
819.754	0.999	14.764						
11/5/2016 9:15:00 PM	256500.000	58.215	16.910	134.416	1220.509	1443.574	0.731	0.982
819.330	0.999	14.759						
11/5/2016 9:30:00 PM	257400.000	58.224	16.910	134.437	1219.951	1442.920	0.730	0.981
819.705	0.999	14.759						
11/5/2016 9:45:00 PM	258300.000	58.210	16.908	134.404	1220.936	1444.128	0.731	0.982
819.044	0.999	14.761						
11/5/2016 10:00:00 PM	259200.000	58.222	16.910	134.434	1221.270	1444.459	0.731	0.982
818.820	0.999	14.767						
11/5/2016 10:15:00 PM	260100.000	58.224	16.910	134.436	1221.517	1444.752	0.731	0.982
818.654	0.999	14.766						
11/5/2016 10:30:00 PM	261000.000	58.221	16.910	134.430	1220.898	1444.020	0.731	0.982
819.069	0.999	14.769						
11/5/2016 10:45:00 PM	261900.000	58.217	16.908	134.421	1222.839	1446.379	0.732	0.984
817.769	0.999	14.770						
11/5/2016 11:00:00 PM	262800.000	58.199	16.911	134.381	1223.331	1446.889	0.733	0.984
817.440	0.999	14.774						
11/5/2016 11:15:00 PM	263700.000	58.215	16.909	134.418	1223.184	1446.763	0.732	0.984
817.539	0.999	14.776						
11/5/2016 11:30:00 PM	264600.000	58.212	16.910	134.410	1221.067	1444.231	0.731	0.982
818.956	0.999	14.772						
11/5/2016 11:45:00 PM	265500.000	58.219	16.911	134.425	1219.510	1442.346	0.730	0.981
820.002	0.999	14.768						
11/6/2016 12:00:00 AM	266400.000	58.219	16.911	134.426	1220.294	1443.297	0.731	0.981
819.474	0.999	14.769						
11/6/2016 12:15:00 AM	267300.000	58.202	16.909	134.388	1219.621	1442.558	0.730	0.981
819.927	0.999	14.767						
11/6/2016 12:30:00 AM	268200.000	58.210	16.911	134.404	1220.280	1443.269	0.731	0.981
819.484	0.999	14.761						
11/6/2016 12:45:00 AM	269100.000	58.219	16.909	134.425	1221.218	1444.427	0.731	0.982
818.854	0.999	14.773						
11/6/2016 1:00:00 AM	270000.000	58.217	16.909	134.422	1221.007	1444.174	0.731	0.982
818.996	0.999	14.772						
11/6/2016 1:15:00 AM	270900.000	58.222	16.909	134.434	1221.539	1444.821	0.731	0.982
818.639	0.999	14.772						
11/6/2016 1:30:00 AM	271800.000	58.223	16.911	134.435	1221.308	1444.485	0.731	0.982
818.794	0.999	14.769						
11/6/2016 1:45:00 AM	272700.000	58.213	16.909	134.412	1220.184	1443.229	0.731	0.981
819.549	0.999	14.771						
11/6/2016 2:00:00 AM	273600.000	58.213	16.909	134.413	1219.775	1442.717	0.730	0.981
819.823	0.999	14.773						
11/6/2016 2:15:00 AM	274500.000	58.224	16.909	134.438	1219.585	1442.496	0.730	0.981
819.951	0.999	14.775						
11/6/2016 2:30:00 AM	275400.000	58.225	16.909	134.440	1219.616	1442.532	0.730	0.981
819.930	0.999	14.775						
11/6/2016 2:45:00 AM	276300.000	58.231	16.909	134.453	1218.500	1441.212	0.730	0.980
820.681	0.999	14.768						
11/6/2016 2:00:00 AM	277200.000	58.230	16.910	134.452	1219.208	1442.041	0.730	0.981
820.205	0.999	14.775						
11/6/2016 2:15:00 AM	278100.000	58.236	16.909	134.464	1219.192	1442.048	0.730	0.981
820.215	0.999	14.771						
11/6/2016 2:30:00 AM	279000.000	58.221	16.908	134.431	1219.750	1442.739	0.730	0.981
819.840	0.999	14.773						
11/6/2016 2:45:00 AM	279900.000	58.217	16.911	134.420	1219.308	1442.107	0.730	0.981
820.138	0.999	14.776						
11/6/2016 3:00:00 AM	280800.000	58.221	16.908	134.431	1219.244	1442.120	0.730	0.981
820.180	0.999	14.773						
11/6/2016 3:15:00 AM	281700.000	58.233	16.909	134.459	1219.473	1442.383	0.730	0.981
820.026	0.999	14.774						
11/6/2016 3:30:00 AM	282600.000	58.242	16.909	134.478	1219.702	1442.633	0.730	0.981
819.873	0.999	14.769						
11/6/2016 3:45:00 AM	283500.000	58.238	16.908	134.471	1219.656	1442.623	0.730	0.981
819.903	0.999	14.773						
11/6/2016 4:00:00 AM	284400.000	58.245	16.912	134.486	1220.203	1443.155	0.731	0.981
819.535	0.999	14.767						
11/6/2016 4:15:00 AM	285300.000	58.243	16.910	134.480	1219.699	1442.604	0.730	0.981
819.874	0.999	14.757						
11/6/2016 4:30:00 AM	286200.000	58.254	16.907	134.506	1219.755	1442.759	0.730	0.981
819.837	0.999	14.763						
11/6/2016 4:45:00 AM	287100.000	58.251	16.909	134.500	1219.970	1442.977	0.730	0.981
819.692	0.999	14.763						
11/6/2016 5:00:00 AM	288000.000	58.253	16.910	134.504	1220.727	1443.841	0.731	0.982
819.184	0.999	14.770						
11/6/2016 5:15:00 AM	288900.000	58.248	16.909	134.493	1221.359	1444.596	0.731	0.982
818.760	0.999	14.771						
11/6/2016 5:30:00 AM	289800.000	58.253	16.908	134.505	1221.038	1444.263	0.731	0.982
818.975	0.999	14.768						
11/6/2016 5:45:00 AM	290700.000	58.255	16.908	134.508	1220.513	1443.639	0.731	0.982
819.327	0.999	14.765						
11/6/2016 6:00:00 AM	291600.000	58.262	16.909	134.524	1219.161	1441.999	0.730	0.981
820.236	0.999	14.764						
11/6/2016 6:15:00 AM	292500.000	58.252	16.908	134.502	1218.856	1441.664	0.730	0.980
820.442	0.999	14.777						
11/6/2016 6:30:00 AM	293400.000	58.262	16.910	134.526	1219.530	1442.419	0.730	0.981
819.988	0.999	14.773						
11/6/2016 6:45:00 AM	294300.000	58.272	16.909	134.548	1218.490	1441.217	0.730	0.980
820.688	0.999	14.769						
11/6/2016 7:00:00 AM	295200.000	58.272	16.908	134.548	1218.783	1441.578	0.730	0.980
820.491	0.999	14.771						
11/6/2016 7:15:00 AM	296100.000	58.252	16.907	134.503	1218.872	1441.729	0.730	0.980
820.431	0.999	14.777						
11/6/2016 7:30:00 AM	297000.000	58.272	16.909	134.548	1219.759	1442.713	0.730	0.981
819.834	0.999	14.779						
11/6/2016 7:45:00 AM	297900.000	58.276	16.909	134.558	1220.088	1443.108	0.731	0.981
819.613	0.999	14.772						
11/6/2016 8:00:00 AM	298800.000	58.270	16.909	134.543	1219.970	1442.954	0.730	0.981
819.692	0.999	14.783						
11/6/2016 8:15:00 AM	299700.000	58.263	16.909	134.529	1219.718	1442.656	0.730	0.981
819.862	0.999	14.778						
11/6/2016 8:30:00 AM	300600.000	58.257	16.910	134.514	1220.000	1442.964	0.730	0.981
819.672	0.999	14.782						
11/6/2016 8:45:00 AM	301500.000	58.249	16.909	134.494	1219.547	1442.468	0.730	0.981
819.976	0.999	14.784						
11/6/2016 9:00:00 AM	302400.000	58.261	16.908	134.523	1219.126	1441.990	0.730	0.981
820.260	0.999	14.790						
11/6/2016 9:15:00 AM	303300.000	58.263	16.910	134.528	1219.099	1441.906	0.730	0.980
820.278	0.999	14.785						
11/6/2016 9:30:00 AM	304200.000	58.235	16.910	134.462	1218.926	1441.693	0.730	0.980
820.394	0.999	14.793						
11/6/2016 9:45:00 AM	305100.000	58.238	16.909	134.469	1219.308	1442.187	0.730	0.981
820.138	0.999	14.785						
11/6/2016 10:00:00 AM	306000.000	58.248	16.911	134.492	1217.652	1440.153	0.729	0.979
821.252	0.999	14.783						
11/6/2016 10:15:00 AM	306900.000	58.246	16.910	134.488	1218.083	1440.707	0.729	0.980
820.962	0.999	14.786						
11/6/2016 10:30:00 AM	307800.000	58.239	16.911	134.472	1217.590	1440.099	0.729	0.979
821.295	0.999	14.785						

11/6/2016 10:45:00 AM	308700.000	58.232	16.909	134.456	1217.313	1439.822	0.729	0.979
821.481	0.999	14.791						
11/6/2016 11:00:00 AM	309600.000	58.206	16.913	134.395	1217.572	1439.992	0.729	0.979
821.306	0.999	14.795						
11/6/2016 11:15:00 AM	310500.000	58.224	16.912	134.438	1217.295	1439.713	0.729	0.979
821.493	0.999	14.788						
11/6/2016 11:30:00 AM	311400.000	58.204	16.912	134.391	1214.245	1436.106	0.727	0.977
823.557	0.999	14.789						
11/6/2016 11:45:00 AM	312300.000	58.206	16.912	134.395	1215.680	1437.795	0.728	0.978
822.585	0.999	14.784						
11/6/2016 12:00:00 PM	313200.000	58.214	16.913	134.413	1216.445	1438.668	0.728	0.978
822.067	0.999	14.783						
11/6/2016 12:15:00 PM	314100.000	58.217	16.912	134.422	1215.235	1437.251	0.727	0.977
822.886	0.999	14.778						
11/6/2016 12:30:00 PM	315000.000	58.206	16.911	134.396	1215.214	1437.279	0.727	0.977
822.901	0.999	14.787						
11/6/2016 12:45:00 PM	315900.000	58.209	16.912	134.402	1215.414	1437.483	0.728	0.977
822.765	0.999	14.783						
11/6/2016 1:00:00 PM	316800.000	58.207	16.910	134.399	1214.241	1436.140	0.727	0.977
823.560	0.999	14.782						
11/6/2016 1:15:00 PM	317700.000	58.205	16.912	134.394	1215.392	1437.436	0.728	0.977
822.780	0.999	14.785						
11/6/2016 1:30:00 PM	318600.000	58.207	16.915	134.399	1215.891	1437.953	0.728	0.978
822.442	0.999	14.781						
11/6/2016 1:45:00 PM	319500.000	58.197	16.913	134.375	1216.082	1438.218	0.728	0.978
822.313	0.999	14.777						
11/6/2016 2:00:00 PM	320400.000	58.210	16.913	134.406	1215.358	1437.390	0.727	0.977
822.803	0.999	14.775						
11/6/2016 2:15:00 PM	321300.000	58.208	16.912	134.400	1215.945	1438.102	0.728	0.978
822.405	0.999	14.781						
11/6/2016 2:30:00 PM	322200.000	58.208	16.913	134.401	1216.140	1438.301	0.728	0.978
822.274	0.999	14.778						
11/6/2016 2:45:00 PM	323100.000	58.208	16.913	134.401	1217.636	1440.085	0.729	0.979
821.263	0.999	14.782						
11/6/2016 3:00:00 PM	324000.000	58.212	16.913	134.409	1217.980	1440.472	0.729	0.980
821.031	0.999	14.778						
11/6/2016 3:15:00 PM	324900.000	58.211	16.913	134.407	1217.037	1439.348	0.729	0.979
821.668	0.999	14.779						
11/6/2016 3:30:00 PM	325800.000	58.209	16.911	134.403	1215.644	1437.788	0.728	0.978
822.609	0.999	14.778						
11/6/2016 3:45:00 PM	326700.000	58.211	16.911	134.407	1216.739	1439.086	0.728	0.979
821.869	0.999	14.782						
11/6/2016 4:00:00 PM	327600.000	58.210	16.910	134.405	1216.692	1439.068	0.728	0.979
821.901	0.999	14.785						
11/6/2016 4:15:00 PM	328500.000	58.211	16.910	134.408	1217.410	1439.901	0.729	0.979
821.416	0.999	14.784						
11/6/2016 4:30:00 PM	329400.000	58.220	16.911	134.427	1217.916	1440.481	0.729	0.980
821.075	0.999	14.780						
11/6/2016 4:45:00 PM	330300.000	58.215	16.911	134.416	1217.720	1440.250	0.729	0.979
821.207	0.999	14.785						
11/6/2016 5:00:00 PM	331200.000	58.217	16.911	134.421	1218.949	1441.675	0.730	0.980
820.379	0.999	14.785						
11/6/2016 5:15:00 PM	332100.000	58.221	16.911	134.430	1219.648	1442.502	0.730	0.981
819.909	0.999	14.789						
11/6/2016 5:30:00 PM	333000.000	58.223	16.910	134.435	1219.994	1442.974	0.730	0.981
819.676	0.999	14.786						
11/6/2016 5:45:00 PM	333900.000	58.218	16.909	134.423	1220.582	1443.680	0.731	0.982
819.281	0.999	14.796						
11/6/2016 6:00:00 PM	334800.000	58.203	16.910	134.389	1220.640	1443.726	0.731	0.982
819.242	0.999	14.796						
11/6/2016 6:15:00 PM	335700.000	58.217	16.910	134.420	1220.605	1443.685	0.731	0.982
819.266	0.999	14.787						
11/6/2016 6:30:00 PM	336600.000	58.234	16.910	134.461	1220.569	1443.639	0.731	0.982
819.290	0.999	14.790						
11/6/2016 6:45:00 PM	337500.000	58.232	16.909	134.456	1222.037	1445.418	0.732	0.983
818.306	0.999	14.797						
11/6/2016 7:00:00 PM	338400.000	58.220	16.909	134.427	1223.332	1446.942	0.733	0.984
817.439	0.999	14.796						
11/6/2016 7:15:00 PM	339300.000	58.241	16.908	134.476	1223.127	1446.719	0.732	0.984
817.577	0.999	14.798						
11/6/2016 7:30:00 PM	340200.000	58.237	16.909	134.468	1222.701	1446.192	0.732	0.983
817.862	0.999	14.796						
11/6/2016 7:45:00 PM	341100.000	58.233	16.908	134.457	1221.616	1444.935	0.731	0.983
818.588	0.999	14.803						
11/6/2016 8:00:00 PM	342000.000	58.243	16.908	134.480	1221.258	1444.526	0.731	0.982
818.828	0.999	14.794						
11/6/2016 8:15:00 PM	342900.000	58.254	16.908	134.508	1221.339	1444.616	0.731	0.982
818.773	0.999	14.791						
11/6/2016 8:30:00 PM	343800.000	58.246	16.908	134.488	1221.337	1444.613	0.731	0.982
818.775	0.999	14.793						
11/6/2016 8:45:00 PM	344700.000	58.230	16.909	134.451	1221.876	1445.220	0.732	0.983
818.413	0.999	14.794						
11/6/2016 9:00:00 PM	345600.000	58.238	16.909	134.471	1222.045	1445.408	0.732	0.983
818.300	0.999	14.792						
11/6/2016 9:15:00 PM	346500.000	58.251	16.908	134.500	1221.813	1445.183	0.732	0.983
818.456	0.999	14.792						
11/6/2016 9:30:00 PM	347400.000	58.260	16.909	134.520	1220.957	1444.121	0.731	0.982
819.030	0.999	14.785						
11/6/2016 9:45:00 PM	348300.000	58.263	16.908	134.527	1220.803	1443.967	0.731	0.982
819.133	0.999	14.782						
11/6/2016 10:00:00 PM	349200.000	58.253	16.908	134.504	1221.405	1444.694	0.731	0.982
818.729	0.999	14.783						
11/6/2016 10:15:00 PM	350100.000	58.267	16.907	134.536	1221.279	1444.565	0.731	0.982
818.814	0.999	14.788						
11/6/2016 10:30:00 PM	351000.000	58.267	16.909	134.537	1220.769	1443.905	0.731	0.982
819.156	0.999	14.794						
11/6/2016 10:45:00 PM	351900.000	58.273	16.909	134.550	1219.228	1442.081	0.730	0.981
820.191	0.999	14.787						
11/6/2016 11:00:00 PM	352800.000	58.255	16.907	134.509	1218.127	1440.834	0.729	0.980
820.932	0.999	14.791						
11/6/2016 11:15:00 PM	353700.000	58.261	16.909	134.522	1218.918	1441.704	0.730	0.980
820.400	0.999	14.789						
11/6/2016 11:30:00 PM	354600.000	58.264	16.907	134.529	1218.980	1441.866	0.730	0.980
820.358	0.999	14.791						
11/6/2016 11:45:00 PM	355500.000	58.259	16.907	134.519	1219.215	1442.149	0.730	0.981
820.200	0.999	14.789						
11/7/2016 12:00:00 AM	356400.000	58.278	16.907	134.561	1219.262	1442.202	0.730	0.981
820.169	0.999	14.789						
11/7/2016 12:15:00 AM	357300.000	58.268	16.908	134.538	1220.738	1443.902	0.731	0.982
819.177	0.999	14.785						
11/7/2016 12:30:00 AM	358200.000	58.287	16.906	134.584	1220.333	1443.506	0.731	0.982
819.448	0.999	14.783						
11/7/2016 12:45:00 AM	359100.000	58.282	16.906	134.571	1220.494	1443.679	0.731	0.982
819.341	0.999	14.790						
11/7/2016 1:00:00 AM	360000.000	58.286	16.908	134.580	1219.360	1442.266	0.730	0.981
820.103	0.999	14.790						
11/7/2016 1:15:00 AM	360900.000	58.275	16.910	134.555	1218.947	1441.721	0.730	0.980
820.380	0.999	14.787						
11/7/2016 1:30:00 AM	361800.000	58.266	16.911	134.533	1218.022	1440.589	0.729	0.980
821.003	0.999	14.793						
11/7/2016 1:45:00 AM	362700.000	58.286	16.909	134.581	1218.198	1440.875	0.729	0.980
820.885	0.999	14.788						
11/7/2016 2:00:00 AM	363600.000	58.291	16.910	134.591	1218.853	1441.613	0.730	0.980
820.443	0.999	14.787						
11/7/2016 2:15:00 AM	364500.000	58.292	16.908	134.595	1218.794	1441.588	0.730	0.980
820.483	0.999	14.786						
11/7/2016 2:30:00 AM	365400.000	58.274	16.910	134.552	1218.921	1441.676	0.730	0.980
820.398	0.999	14.788						
11/7/2016 2:45:00 AM	366300.000	58.296	16.910	134.604	1219.243	1442.082	0.730	0.981
820.181	0.999	14.781						
11/7/2016 3:00:00 AM	367200.000	58.289	16.909	134.588	1218.956	1441.769	0.730	0.980
820.374	0.999	14.787						
11/7/2016 3:15:00 AM	368100.000	58.288	16.909	134.584	1217.999	1440.628	0.729	0.980

821.019	0.999	14.790						
11/7/2016 3:30:00 AM	369000.000	58.298	16.910	134.607	1218.531	1441.234	0.730	0.980
820.661	0.999	14.783						
11/7/2016 3:45:00 AM	369900.000	58.295	16.913	134.602	1218.091	1440.600	0.729	0.980
820.957	0.999	14.788						
11/7/2016 4:00:00 AM	370800.000	58.296	16.912	134.604	1217.783	1440.278	0.729	0.979
821.165	0.999	14.788						
11/7/2016 4:15:00 AM	371700.000	58.282	16.912	134.572	1218.159	1440.709	0.729	0.980
820.911	0.999	14.787						
11/7/2016 4:30:00 AM	372600.000	58.292	16.912	134.595	1217.724	1440.220	0.729	0.979
821.204	0.999	14.795						
11/7/2016 4:45:00 AM	373500.000	58.302	16.908	134.617	1218.317	1441.038	0.729	0.980
820.805	0.999	14.789						
11/7/2016 5:00:00 AM	374400.000	58.302	16.912	134.617	1217.649	1440.132	0.729	0.979
821.255	0.999	14.790						
11/7/2016 5:15:00 AM	375300.000	58.305	16.912	134.624	1217.518	1439.970	0.729	0.979
821.343	0.999	14.792						
11/7/2016 5:30:00 AM	376200.000	58.299	16.911	134.611	1216.690	1439.004	0.728	0.979
821.902	0.999	14.795						
11/7/2016 5:45:00 AM	377100.000	58.287	16.910	134.583	1217.609	1440.130	0.729	0.979
821.281	0.999	14.791						
11/7/2016 6:00:00 AM	378000.000	58.302	16.910	134.617	1217.153	1439.588	0.729	0.979
821.590	0.999	14.795						
11/7/2016 6:15:00 AM	378900.000	58.284	16.909	134.576	1216.409	1438.759	0.728	0.978
822.092	0.999	14.794						
11/7/2016 6:30:00 AM	379800.000	58.314	16.910	134.646	1215.179	1437.259	0.727	0.977
822.924	0.999	14.787						
11/7/2016 6:45:00 AM	380700.000	58.313	16.910	134.644	1216.496	1438.831	0.728	0.978
822.033	0.999	14.788						
11/7/2016 7:00:00 AM	381600.000	58.309	16.909	134.635	1216.268	1438.569	0.728	0.978
822.187	0.999	14.799						
11/7/2016 7:15:00 AM	382500.000	58.313	16.912	134.642	1216.274	1438.506	0.728	0.978
822.183	0.999	14.794						
11/7/2016 7:30:00 AM	383400.000	58.309	16.909	134.633	1216.009	1438.280	0.728	0.978
822.362	0.999	14.802						
11/7/2016 7:45:00 AM	384300.000	58.311	16.911	134.639	1215.907	1438.091	0.728	0.978
822.431	0.999	14.802						
11/7/2016 8:00:00 AM	385200.000	58.298	16.912	134.609	1214.392	1436.260	0.727	0.977
823.457	0.999	14.801						
11/7/2016 8:15:00 AM	386100.000	58.308	16.911	134.631	1214.734	1436.716	0.727	0.977
823.225	0.999	14.806						
11/7/2016 8:30:00 AM	387000.000	58.312	16.911	134.640	1214.604	1436.544	0.727	0.977
823.314	0.999	14.802						
11/7/2016 8:45:00 AM	387900.000	58.306	16.912	134.628	1214.472	1436.363	0.727	0.977
823.403	0.999	14.807						
11/7/2016 9:00:00 AM	388800.000	58.312	16.910	134.640	1214.969	1437.005	0.727	0.977
823.066	0.999	14.800						
11/7/2016 9:15:00 AM	389700.000	58.305	16.909	134.623	1215.095	1437.210	0.727	0.977
822.981	0.999	14.807						
11/7/2016 9:30:00 AM	390600.000	58.294	16.911	134.598	1215.098	1437.143	0.727	0.977
822.979	0.999	14.812						
11/7/2016 9:45:00 AM	391500.000	58.308	16.913	134.631	1215.366	1437.394	0.727	0.977
822.798	0.999	14.793						
11/7/2016 10:00:00 AM	392400.000	58.298	16.911	134.608	1216.378	1438.646	0.728	0.978
822.113	0.999	14.800						
11/7/2016 10:15:00 AM	393300.000	58.298	16.913	134.608	1214.734	1436.636	0.727	0.977
823.225	0.999	14.798						
11/7/2016 10:30:00 AM	394200.000	58.271	16.913	134.546	1214.376	1436.229	0.727	0.977
823.468	0.999	14.798						
11/7/2016 10:45:00 AM	395100.000	58.294	16.910	134.599	1212.558	1434.159	0.726	0.975
824.703	0.999	14.794						
11/7/2016 11:00:00 AM	396000.000	58.277	16.910	134.560	1213.808	1435.646	0.727	0.976
823.853	0.999	14.795						
11/7/2016 11:15:00 AM	396900.000	58.298	16.912	134.609	1213.346	1435.017	0.726	0.976
824.167	0.999	14.791						
11/7/2016 11:30:00 AM	397800.000	58.279	16.911	134.564	1212.125	1433.627	0.726	0.975
824.997	0.999	14.785						
11/7/2016 11:45:00 AM	398700.000	58.288	16.910	134.585	1214.360	1436.298	0.727	0.977
823.479	0.999	14.792						
11/7/2016 12:00:00 PM	399600.000	58.290	16.911	134.590	1212.921	1434.565	0.726	0.976
824.456	0.999	14.787						
11/7/2016 12:15:00 PM	400500.000	58.299	16.911	134.611	1214.293	1436.187	0.727	0.977
823.525	0.999	14.775						
11/7/2016 12:30:00 PM	401400.000	58.284	16.910	134.576	1214.811	1436.831	0.727	0.977
823.174	0.999	14.768						
11/7/2016 12:45:00 PM	402300.000	58.290	16.909	134.590	1215.373	1437.530	0.728	0.978
822.793	0.999	14.772						
11/7/2016 1:00:00 PM	403200.000	58.288	16.909	134.585	1215.139	1437.253	0.727	0.977
822.951	0.999	14.771						
11/7/2016 1:15:00 PM	404100.000	58.285	16.909	134.579	1215.279	1437.408	0.728	0.977
822.856	0.999	14.769						
11/7/2016 1:30:00 PM	405000.000	58.279	16.907	134.565	1216.791	1439.254	0.728	0.979
821.834	0.999	14.773						
11/7/2016 1:45:00 PM	405900.000	58.283	16.908	134.573	1216.502	1438.880	0.728	0.978
822.029	0.999	14.770						
11/7/2016 2:00:00 PM	406800.000	58.264	16.907	134.529	1219.030	1441.904	0.730	0.980
820.325	0.999	14.765						
11/7/2016 2:15:00 PM	407700.000	58.275	16.908	134.555	1219.660	1442.615	0.730	0.981
819.901	0.999	14.768						
11/7/2016 2:30:00 PM	408600.000	58.275	16.910	134.555	1219.701	1442.627	0.730	0.981
819.873	0.999	14.770						
11/7/2016 2:45:00 PM	409500.000	58.269	16.910	134.541	1219.672	1442.581	0.730	0.981
819.893	0.999	14.772						
11/7/2016 3:00:00 PM	410400.000	58.269	16.909	134.541	1219.690	1442.637	0.730	0.981
819.880	0.999	14.772						
11/7/2016 3:15:00 PM	411300.000	58.260	16.909	134.520	1218.820	1441.588	0.730	0.980
820.466	0.999	14.775						
11/7/2016 3:30:00 PM	412200.000	58.257	16.908	134.514	1217.527	1440.101	0.729	0.979
821.337	0.999	14.777						
11/7/2016 3:45:00 PM	413100.000	58.256	16.909	134.512	1216.516	1438.880	0.728	0.978
822.019	0.999	14.777						
11/7/2016 4:00:00 PM	414000.000	58.236	16.908	134.466	1216.241	1438.571	0.728	0.978
822.206	0.999	14.779						
11/7/2016 4:15:00 PM	414900.000	58.249	16.911	134.495	1215.948	1438.142	0.728	0.978
822.404	0.999	14.780						
11/7/2016 4:30:00 PM	415800.000	58.250	16.911	134.497	1214.025	1435.862	0.727	0.976
823.706	0.999	14.777						
11/7/2016 4:45:00 PM	416700.000	58.243	16.910	134.482	1213.935	1435.784	0.727	0.976
823.768	0.999	14.783						
11/7/2016 5:00:00 PM	417600.000	58.237	16.909	134.468	1216.848	1439.255	0.728	0.979
821.795	0.999	14.786						
11/7/2016 5:15:00 PM	418500.000	58.240	16.913	134.475	1216.583	1438.834	0.728	0.978
821.974	0.999	14.777						
11/7/2016 5:30:00 PM	419400.000	58.227	16.914	134.445	1213.104	1434.683	0.726	0.976
824.331	0.999	14.786						
11/7/2016 5:45:00 PM	420300.000	58.215	16.913	134.418	1213.280	1434.933	0.726	0.976
824.212	0.999	14.783						
11/7/2016 6:00:00 PM	421200.000	58.227	16.910	134.444	1211.714	1433.169	0.725	0.975
825.277	0.999	14.790						
11/7/2016 6:15:00 PM	422100.000	58.233	16.913	134.458	1210.697	1431.861	0.725	0.974
825.970	0.999	14.787						
11/7/2016 6:30:00 PM	423000.000	58.240	16.910	134.474	1211.421	1432.833	0.725	0.974
825.477	0.999	14.780						
11/7/2016 6:45:00 PM	423900.000	58.234	16.911	134.462	1213.074	1434.754	0.726	0.976
824.352	0.999	14.789						
11/7/2016 7:00:00 PM	424800.000	58.226	16.913	134.442	1214.450	1436.319	0.727	0.977
823.418	0.999	14.792						
11/7/2016 7:15:00 PM	425700.000	58.217	16.911	134.422	1217.131	1439.527	0.729	0.979
821.604	0.999	14.787						
11/7/2016 7:30:00 PM	426600.000	58.231	16.912	134.454	1216.453	1438.711	0.728	0.978
822.062	0.999	14.790						
11/7/2016 7:45:00 PM	427500.000	58.214	16.909	134.415	1213.604	1435.436	0.726	0.976
823.992	0.999	14.788						

11/7/2016 8:00:00 PM	428400.000	58.232	16.909	134.456	1214.938	1437.019	0.727	0.977
823.087	0.999	14.787						
11/7/2016 8:15:00 PM	429300.000	58.217	16.910	134.422	1217.019	1439.429	0.729	0.979
821.680	0.999	14.788						
11/7/2016 8:30:00 PM	430200.000	58.223	16.909	134.436	1217.618	1440.169	0.729	0.979
821.276	0.999	14.784						
11/7/2016 8:45:00 PM	431100.000	58.240	16.910	134.474	1219.695	1442.610	0.730	0.981
819.877	0.999	14.784						
11/7/2016 9:00:00 PM	432000.000	58.229	16.911	134.450	1218.996	1441.731	0.730	0.980
820.347	0.999	14.783						
11/7/2016 9:15:00 PM	432900.000	58.250	16.908	134.498	1218.388	1441.134	0.729	0.980
820.757	0.999	14.779						
11/7/2016 9:30:00 PM	433800.000	58.246	16.908	134.489	1219.122	1442.008	0.730	0.981
820.263	0.999	14.783						
11/7/2016 9:45:00 PM	434700.000	58.253	16.910	134.504	1219.364	1442.228	0.730	0.981
820.100	0.999	14.780						
11/7/2016 10:00:00 PM	435600.000	58.238	16.909	134.471	1219.432	1442.335	0.730	0.981
820.054	0.999	14.779						
11/7/2016 10:15:00 PM	436500.000	58.236	16.908	134.465	1218.329	1441.038	0.729	0.980
820.797	0.999	14.784						
11/7/2016 10:30:00 PM	437400.000	58.256	16.907	134.511	1217.582	1440.217	0.729	0.979
821.300	0.999	14.784						
11/7/2016 10:45:00 PM	438300.000	58.251	16.907	134.499	1218.607	1441.407	0.730	0.980
820.609	0.999	14.785						
11/7/2016 11:00:00 PM	439200.000	58.260	16.910	134.520	1217.454	1439.964	0.729	0.979
821.386	0.999	14.780						
11/7/2016 11:15:00 PM	440100.000	58.252	16.908	134.502	1217.582	1440.186	0.729	0.979
821.300	0.999	14.786						
11/7/2016 11:30:00 PM	441000.000	58.262	16.909	134.525	1218.320	1441.008	0.729	0.980
820.802	0.999	14.779						
11/7/2016 11:45:00 PM	441900.000	58.262	16.909	134.526	1218.461	1441.169	0.729	0.980
820.707	0.999	14.783						
11/8/2016 12:00:00 AM	442800.000	58.268	16.908	134.539	1218.773	1441.592	0.730	0.980
820.497	0.999	14.776						
11/8/2016 12:15:00 AM	443700.000	58.270	16.909	134.542	1219.791	1442.747	0.730	0.981
819.813	0.999	14.776						
11/8/2016 12:30:00 AM	444600.000	58.272	16.907	134.549	1219.184	1442.101	0.730	0.981
820.221	0.999	14.773						
11/8/2016 12:45:00 AM	445500.000	58.265	16.908	134.532	1219.224	1442.114	0.730	0.981
820.194	0.999	14.779						
11/8/2016 1:00:00 AM	446400.000	58.269	16.909	134.541	1217.692	1440.259	0.729	0.979
821.226	0.999	14.776						
11/8/2016 1:15:00 AM	447300.000	58.255	16.910	134.509	1216.817	1439.215	0.728	0.979
821.817	0.999	14.777						
11/8/2016 1:30:00 AM	448200.000	58.269	16.910	134.542	1216.138	1438.403	0.728	0.978
822.275	0.999	14.781						
11/8/2016 1:45:00 AM	449100.000	58.255	16.908	134.509	1217.581	1440.168	0.729	0.979
821.301	0.999	14.778						
11/8/2016 2:00:00 AM	450000.000	58.272	16.909	134.548	1218.030	1440.671	0.729	0.980
820.998	0.999	14.778						
11/8/2016 2:15:00 AM	450900.000	58.274	16.911	134.553	1217.400	1439.868	0.729	0.979
821.423	0.999	14.777						
11/8/2016 2:30:00 AM	451800.000	58.272	16.911	134.549	1217.285	1439.712	0.729	0.979
821.501	0.999	14.773						
11/8/2016 2:45:00 AM	452700.000	58.279	16.910	134.564	1217.904	1440.496	0.729	0.980
821.083	0.999	14.774						
11/8/2016 3:00:00 AM	453600.000	58.278	16.913	134.562	1217.237	1439.616	0.729	0.979
821.532	0.999	14.772						
11/8/2016 3:15:00 AM	454500.000	58.271	16.912	134.546	1215.814	1437.935	0.728	0.978
822.494	0.999	14.775						
11/8/2016 3:30:00 AM	455400.000	58.273	16.912	134.550	1212.833	1434.438	0.726	0.975
824.516	0.999	14.773						
11/8/2016 3:45:00 AM	456300.000	58.263	16.911	134.529	1213.430	1435.164	0.726	0.976
824.110	0.999	14.772						
11/8/2016 4:00:00 AM	457200.000	58.279	16.910	134.563	1211.471	1432.878	0.725	0.974
825.443	0.999	14.774						
11/8/2016 4:15:00 AM	458100.000	58.281	16.912	134.570	1213.864	1435.632	0.727	0.976
823.816	0.999	14.772						
11/8/2016 4:30:00 AM	459000.000	58.281	16.913	134.569	1214.108	1435.892	0.727	0.976
823.650	0.999	14.775						
11/8/2016 4:45:00 AM	459900.000	58.284	16.910	134.576	1212.764	1434.410	0.726	0.975
824.563	0.999	14.769						
11/8/2016 5:00:00 AM	460800.000	58.267	16.911	134.536	1209.821	1430.899	0.724	0.973
826.569	0.999	14.773						
11/8/2016 5:15:00 AM	461700.000	58.280	16.914	134.566	1209.528	1430.455	0.724	0.973
826.769	0.999	14.775						
11/8/2016 5:30:00 AM	462600.000	58.281	16.910	134.570	1209.198	1430.193	0.724	0.973
826.994	0.999	14.778						
11/8/2016 5:45:00 AM	463500.000	58.280	16.913	134.566	1210.365	1431.482	0.724	0.973
826.197	0.999	14.779						
11/8/2016 6:00:00 AM	464400.000	58.280	16.911	134.567	1209.751	1430.810	0.724	0.973
826.616	0.999	14.782						
11/8/2016 6:15:00 AM	465300.000	58.286	16.915	134.580	1209.539	1430.438	0.724	0.973
826.761	0.999	14.778						
11/8/2016 6:30:00 AM	466200.000	58.287	16.913	134.583	1208.740	1429.535	0.723	0.972
827.308	0.999	14.777						
11/8/2016 6:45:00 AM	467100.000	58.283	16.915	134.573	1208.278	1428.952	0.723	0.972
827.624	0.999	14.783						
11/8/2016 7:00:00 AM	468000.000	58.279	16.915	134.566	1208.424	1429.113	0.723	0.972
827.524	0.999	14.791						
11/8/2016 7:15:00 AM	468900.000	58.286	16.916	134.582	1207.578	1428.073	0.723	0.971
828.104	0.999	14.788						
11/8/2016 7:30:00 AM	469800.000	58.284	16.915	134.577	1207.923	1428.526	0.723	0.971
827.867	0.999	14.788						
11/8/2016 7:45:00 AM	470700.000	58.285	16.915	134.577	1207.986	1428.593	0.723	0.971
827.824	0.999	14.791						
11/8/2016 8:00:00 AM	471600.000	58.280	16.912	134.568	1207.227	1427.802	0.722	0.971
828.345	0.999	14.800						
11/8/2016 8:15:00 AM	472500.000	58.285	16.912	134.578	1207.843	1428.525	0.723	0.971
827.922	0.999	14.800						
11/8/2016 8:30:00 AM	473400.000	58.282	16.913	134.571	1207.454	1428.039	0.723	0.971
828.189	0.999	14.806						
11/8/2016 8:45:00 AM	474300.000	58.289	16.912	134.587	1207.919	1428.618	0.723	0.971
827.870	0.999	14.800						
11/8/2016 9:00:00 AM	475200.000	58.275	16.910	134.556	1207.818	1428.553	0.723	0.971
827.939	0.999	14.807						
11/8/2016 9:15:00 AM	476100.000	58.273	16.913	134.551	1207.749	1428.366	0.723	0.971
827.986	0.999	14.807						
11/8/2016 9:30:00 AM	477000.000	58.272	16.915	134.549	1206.773	1427.175	0.722	0.970
828.656	0.999	14.806						
11/8/2016 9:45:00 AM	477900.000	58.270	16.913	134.544	1207.898	1428.548	0.723	0.971
827.884	0.999	14.802						
11/8/2016 10:00:00 AM	478800.000	58.272	16.913	134.549	1208.477	1429.249	0.723	0.972
827.488	0.999	14.800						
11/8/2016 10:15:00 AM	479700.000	58.269	16.914	134.540	1207.247	1427.741	0.722	0.971
828.331	0.999	14.800						
11/8/2016 10:30:00 AM	480600.000	58.263	16.912	134.528	1207.378	1427.986	0.723	0.971
828.241	0.999	14.801						
11/8/2016 10:45:00 AM	481500.000	58.269	16.914	134.541	1208.374	1429.073	0.723	0.972
827.559	0.999	14.796						
11/8/2016 11:00:00 AM	482400.000	58.265	16.912	134.531	1207.780	1428.434	0.723	0.971
827.965	0.999	14.797						
11/8/2016 11:15:00 AM	483300.000	58.266	16.914	134.536	1207.818	1428.431	0.723	0.971
827.939	0.999	14.790						
11/8/2016 11:30:00 AM	484200.000	58.250	16.912	134.498	1207.255	1427.821	0.722	0.971
828.325	0.999	14.788						
11/8/2016 11:45:00 AM	485100.000	58.247	16.912	134.491	1208.337	1429.093	0.723	0.972
827.583	0.999	14.789						
11/8/2016 12:00:00 PM	486000.000	58.249	16.914	134.495	1208.889	1429.709	0.723	0.972
827.206	0.999	14.781						
11/8/2016 12:15:00 PM	486900.000	58.260	16.913	134.519	1208.992	1429.845	0.724	0.972
827.135	0.999	14.784						
11/8/2016 12:30:00 PM	487800.000	58.263	16.912	134.527	1209.820	1430.866	0.724	0.973

826.570	0.999	14.780						
11/8/2016 12:45:00 PM	488700.000	58.259	16.911	134.519	1211.990	1433.450	0.725	0.975
825.089	0.999	14.781						
11/8/2016 1:00:00 PM	489600.000	58.261	16.912	134.523	1212.062	1433.498	0.725	0.975
825.040	0.999	14.780						
11/8/2016 1:15:00 PM	490500.000	58.265	16.910	134.532	1209.811	1430.906	0.724	0.973
826.576	0.999	14.773						
11/8/2016 1:30:00 PM	491400.000	58.258	16.912	134.517	1212.012	1433.450	0.725	0.975
825.074	0.999	14.776						
11/8/2016 1:45:00 PM	492300.000	58.258	16.909	134.517	1211.298	1432.691	0.725	0.974
825.561	0.999	14.771						
11/8/2016 2:00:00 PM	493200.000	58.255	16.912	134.508	1210.896	1432.147	0.725	0.974
825.835	0.999	14.775						
11/8/2016 2:15:00 PM	494100.000	58.261	16.911	134.522	1214.112	1435.974	0.727	0.976
823.647	0.999	14.769						
11/8/2016 2:30:00 PM	495000.000	58.258	16.911	134.516	1212.481	1434.044	0.726	0.975
824.755	0.999	14.769						
11/8/2016 2:45:00 PM	495900.000	58.231	16.909	134.455	1211.369	1432.778	0.725	0.974
825.512	0.999	14.779						
11/8/2016 3:00:00 PM	496800.000	58.253	16.910	134.503	1213.268	1435.013	0.726	0.976
824.220	0.999	14.776						
11/8/2016 3:15:00 PM	497700.000	58.257	16.911	134.514	1212.559	1434.142	0.726	0.975
824.702	0.999	14.766						
11/8/2016 3:30:00 PM	498600.000	58.249	16.911	134.496	1213.141	1434.811	0.726	0.976
824.307	0.999	14.767						
11/8/2016 3:45:00 PM	499500.000	58.224	16.911	134.436	1211.022	1432.302	0.725	0.974
825.749	0.999	14.774						
11/8/2016 4:00:00 PM	500400.000	58.245	16.913	134.487	1213.358	1435.011	0.726	0.976
824.159	0.999	14.767						
11/8/2016 4:15:00 PM	501300.000	58.241	16.910	134.476	1212.107	1433.631	0.726	0.975
825.010	0.999	14.768						
11/8/2016 4:30:00 PM	502200.000	58.239	16.913	134.472	1211.236	1432.507	0.725	0.974
825.603	0.999	14.771						
11/8/2016 4:45:00 PM	503100.000	58.214	16.911	134.414	1211.292	1432.645	0.725	0.974
825.565	0.999	14.777						
11/8/2016 5:00:00 PM	504000.000	58.215	16.911	134.418	1213.149	1434.831	0.726	0.976
824.301	0.999	14.771						
11/8/2016 5:15:00 PM	504900.000	58.204	16.910	134.392	1210.064	1431.211	0.724	0.973
826.403	0.999	14.772						
11/8/2016 5:30:00 PM	505800.000	58.224	16.911	134.437	1209.486	1430.505	0.724	0.973
826.797	0.999	14.769						
11/8/2016 5:45:00 PM	506700.000	58.210	16.910	134.406	1211.187	1432.554	0.725	0.974
825.636	0.999	14.775						
11/8/2016 6:00:00 PM	507600.000	58.201	16.909	134.385	1211.790	1433.290	0.725	0.975
825.225	0.999	14.777						
11/8/2016 6:15:00 PM	508500.000	58.186	16.909	134.349	1212.928	1434.647	0.726	0.976
824.451	0.999	14.772						
11/8/2016 6:30:00 PM	509400.000	58.188	16.912	134.354	1213.866	1435.660	0.727	0.976
823.814	0.999	14.777						
11/8/2016 6:45:00 PM	510300.000	58.177	16.911	134.330	1213.137	1434.815	0.726	0.976
824.309	0.999	14.781						
11/8/2016 7:00:00 PM	511200.000	58.168	16.911	134.309	1214.440	1436.342	0.727	0.977
823.425	0.999	14.781						
11/8/2016 7:15:00 PM	512100.000	58.169	16.908	134.310	1214.631	1436.676	0.727	0.977
823.295	0.999	14.781						
11/8/2016 7:30:00 PM	513000.000	58.147	16.909	134.259	1216.094	1438.383	0.728	0.978
822.305	0.999	14.784						
11/8/2016 7:45:00 PM	513900.000	58.150	16.908	134.266	1217.506	1440.068	0.729	0.979
821.351	0.999	14.786						
11/8/2016 8:00:00 PM	514800.000	58.149	16.909	134.265	1217.355	1439.858	0.729	0.979
821.453	0.999	14.786						
11/8/2016 8:15:00 PM	515700.000	58.146	16.908	134.257	1215.824	1438.082	0.728	0.978
822.487	0.999	14.789						
11/8/2016 8:30:00 PM	516600.000	58.137	16.906	134.236	1216.314	1438.721	0.728	0.978
822.156	0.999	14.785						
11/8/2016 8:45:00 PM	517500.000	58.130	16.907	134.220	1217.299	1439.856	0.729	0.979
821.491	0.999	14.794						
11/8/2016 9:00:00 PM	518400.000	58.133	16.909	134.227	1217.072	1439.526	0.729	0.979
821.644	0.999	14.789						
11/8/2016 9:15:00 PM	519300.000	58.119	16.906	134.196	1217.734	1440.425	0.729	0.979
821.198	0.999	14.785						
11/8/2016 9:30:00 PM	520200.000	58.125	16.909	134.209	1214.783	1436.828	0.727	0.977
823.192	0.999	14.792						
11/8/2016 9:45:00 PM	521100.000	58.104	16.907	134.160	1217.122	1439.651	0.729	0.979
821.610	0.999	14.794						
11/8/2016 10:00:00 PM	522000.000	58.122	16.906	134.202	1217.787	1440.478	0.729	0.980
821.161	0.999	14.797						
11/8/2016 10:15:00 PM	522900.000	58.116	16.907	134.187	1218.391	1441.168	0.729	0.980
820.755	0.999	14.796						
11/8/2016 10:30:00 PM	523800.000	58.105	16.910	134.162	1218.443	1441.110	0.729	0.980
820.720	0.999	14.796						
11/8/2016 10:45:00 PM	524700.000	58.092	16.908	134.133	1218.159	1440.848	0.729	0.980
820.911	0.999	14.805						
11/8/2016 11:00:00 PM	525600.000	58.108	16.907	134.170	1220.004	1443.060	0.730	0.981
819.669	0.999	14.799						
11/8/2016 11:15:00 PM	526500.000	58.101	16.905	134.153	1219.858	1442.950	0.730	0.981
819.767	0.999	14.795						
11/8/2016 11:30:00 PM	527400.000	58.117	16.907	134.191	1218.375	1441.147	0.729	0.980
820.765	0.999	14.791						
11/8/2016 11:45:00 PM	528300.000	58.110	16.908	134.174	1218.964	1441.801	0.730	0.980
820.368	0.999	14.795						
11/9/2016 12:00:00 AM	529200.000	58.120	16.909	134.197	1218.938	1441.747	0.730	0.980
820.386	0.999	14.784						
11/9/2016 12:15:00 AM	530100.000	58.099	16.909	134.149	1217.948	1440.571	0.729	0.980
821.053	0.999	14.786						
11/9/2016 12:30:00 AM	531000.000	58.112	16.905	134.179	1217.263	1439.883	0.729	0.979
821.515	0.999	14.789						
11/9/2016 12:45:00 AM	531900.000	58.103	16.906	134.159	1215.984	1438.334	0.728	0.978
822.379	0.999	14.786						
11/9/2016 1:00:00 AM	532800.000	58.121	16.908	134.200	1216.459	1438.832	0.728	0.978
822.058	0.999	14.781						
11/9/2016 1:15:00 AM	533700.000	58.126	16.910	134.210	1214.836	1436.855	0.727	0.977
823.157	0.999	14.782						
11/9/2016 1:30:00 AM	534600.000	58.112	16.910	134.180	1215.216	1437.307	0.727	0.977
822.899	0.999	14.779						
11/9/2016 1:45:00 AM	535500.000	58.129	16.910	134.219	1211.879	1433.349	0.725	0.975
825.165	0.999	14.783						
11/9/2016 2:00:00 AM	536400.000	58.131	16.910	134.224	1210.730	1432.002	0.725	0.974
825.948	0.999	14.782						
11/9/2016 2:15:00 AM	537300.000	58.133	16.911	134.227	1211.216	1432.534	0.725	0.974
825.617	0.999	14.783						
11/9/2016 2:30:00 AM	538200.000	58.135	16.911	134.232	1209.939	1431.042	0.724	0.973
826.488	0.999	14.781						
11/9/2016 2:45:00 AM	539100.000	58.138	16.911	134.239	1209.122	1430.083	0.724	0.972
827.046	0.999	14.781						
11/9/2016 3:00:00 AM	540000.000	58.119	16.911	134.196	1208.814	1429.719	0.723	0.972
827.257	0.999	14.781						
11/9/2016 3:15:00 AM	540900.000	58.146	16.913	134.258	1207.499	1428.078	0.723	0.971
828.158	0.999	14.774						
11/9/2016 3:30:00 AM	541800.000	58.142	16.913	134.247	1207.691	1428.311	0.723	0.971
828.026	0.999	14.774						
11/9/2016 3:45:00 AM	542700.000	58.146	16.912	134.256	1207.692	1428.358	0.723	0.971
828.026	0.999	14.771						
11/9/2016 4:00:00 AM	543600.000	58.142	16.913	134.248	1208.123	1428.819	0.723	0.972
827.731	0.999	14.772						
11/9/2016 4:15:00 AM	544500.000	58.132	16.913	134.225	1207.527	1428.106	0.723	0.971
828.139	0.999	14.770						
11/9/2016 4:30:00 AM	545400.000	58.153	16.915	134.273	1206.889	1427.313	0.722	0.971
828.576	0.999	14.766						
11/9/2016 4:45:00 AM	546300.000	58.155	16.911	134.278	1205.740	1426.072	0.722	0.970
829.366	0.999	14.767						
11/9/2016 5:00:00 AM	547200.000	58.156	16.915	134.281	1206.983	1427.409	0.722	0.971
828.512	0.999	14.771						

11/9/2016 5:15:00 AM	548100.000	58.156	16.916	134.279	1208.068	1428.661	0.723	0.971
827.768	0.999	14.776						
11/9/2016 5:30:00 AM	549000.000	58.169	16.913	134.309	1206.874	1427.348	0.722	0.971
828.587	0.999	14.764						
11/9/2016 5:45:00 AM	549900.000	58.162	16.915	134.295	1206.328	1426.638	0.722	0.970
828.962	0.999	14.772						
11/9/2016 6:00:00 AM	550800.000	58.173	16.911	134.319	1205.864	1426.224	0.722	0.970
829.281	0.999	14.764						
11/9/2016 6:15:00 AM	551700.000	58.166	16.915	134.303	1206.034	1426.296	0.722	0.970
829.164	0.999	14.772						
11/9/2016 6:30:00 AM	552600.000	58.171	16.912	134.315	1207.218	1427.775	0.722	0.971
828.351	0.999	14.771						
11/9/2016 6:45:00 AM	553500.000	58.172	16.916	134.317	1207.115	1427.529	0.722	0.971
828.421	0.999	14.775						
11/9/2016 7:00:00 AM	554400.000	58.182	16.915	134.340	1209.329	1430.198	0.724	0.973
826.905	0.999	14.770						
11/9/2016 7:15:00 AM	555300.000	58.177	16.912	134.329	1208.130	1428.848	0.723	0.972
827.725	0.999	14.781						
11/9/2016 7:30:00 AM	556200.000	58.185	16.916	134.347	1208.687	1429.407	0.723	0.972
827.344	0.999	14.775						
11/9/2016 7:45:00 AM	557100.000	58.185	16.914	134.347	1207.284	1427.808	0.722	0.971
828.305	0.999	14.781						
11/9/2016 8:00:00 AM	558000.000	58.195	16.915	134.371	1210.052	1431.036	0.724	0.973
826.411	0.999	14.776						
11/9/2016 8:15:00 AM	558900.000	58.193	16.911	134.365	1207.854	1428.563	0.723	0.971
827.915	0.999	14.781						
11/9/2016 8:30:00 AM	559800.000	58.190	16.912	134.360	1209.769	1430.789	0.724	0.973
826.604	0.999	14.784						
11/9/2016 8:45:00 AM	560700.000	58.201	16.911	134.384	1212.934	1434.586	0.726	0.976
824.447	0.999	14.777						
11/9/2016 9:00:00 AM	561600.000	58.208	16.911	134.400	1209.082	1430.005	0.724	0.972
827.074	0.999	14.769						
11/9/2016 9:15:00 AM	562500.000	58.186	16.909	134.349	1210.102	1431.279	0.724	0.973
826.377	0.999	14.773						
11/9/2016 9:30:00 AM	563400.000	58.199	16.909	134.380	1214.647	1436.667	0.727	0.977
823.284	0.999	14.772						
11/9/2016 9:45:00 AM	564300.000	58.188	16.911	134.355	1214.353	1436.247	0.727	0.977
823.484	0.999	14.770						
11/9/2016 10:00:00 AM	565200.000	58.189	16.908	134.357	1213.806	1435.692	0.727	0.976
823.855	0.999	14.765						
11/9/2016 10:15:00 AM	566100.000	58.208	16.909	134.399	1214.137	1436.068	0.727	0.977
823.630	0.999	14.766						
11/9/2016 10:30:00 AM	567000.000	58.192	16.909	134.364	1216.201	1438.502	0.728	0.978
822.232	0.999	14.767						
11/9/2016 10:45:00 AM	567900.000	58.206	16.909	134.395	1217.311	1439.826	0.729	0.979
821.483	0.999	14.768						
11/9/2016 11:00:00 AM	568800.000	58.193	16.909	134.365	1217.073	1439.533	0.729	0.979
821.643	0.999	14.760						
11/9/2016 11:15:00 AM	569700.000	58.217	16.909	134.422	1216.440	1438.792	0.728	0.978
822.071	0.999	14.753						
11/9/2016 11:30:00 AM	570600.000	58.190	16.908	134.358	1216.094	1438.400	0.728	0.978
822.305	0.999	14.754						
11/9/2016 11:45:00 AM	571500.000	58.189	16.906	134.357	1219.121	1442.063	0.730	0.981
820.263	0.999	14.754						
11/9/2016 12:00:00 PM	572400.000	58.201	16.906	134.384	1219.581	1442.596	0.730	0.981
819.954	0.999	14.748						
11/9/2016 12:15:00 PM	573300.000	58.204	16.907	134.391	1219.709	1442.722	0.730	0.981
819.868	0.999	14.738						
11/9/2016 12:30:00 PM	574200.000	58.197	16.906	134.375	1219.830	1442.894	0.730	0.981
819.786	0.999	14.734						
11/9/2016 12:45:00 PM	575100.000	58.185	16.906	134.347	1219.730	1442.769	0.730	0.981
819.854	0.999	14.740						
11/9/2016 1:00:00 PM	576000.000	58.165	16.905	134.302	1219.605	1442.662	0.730	0.981
819.938	0.999	14.741						
11/9/2016 1:15:00 PM	576900.000	58.158	16.906	134.286	1219.080	1441.998	0.730	0.981
820.291	0.999	14.738						
11/9/2016 1:30:00 PM	577800.000	58.172	16.905	134.316	1218.930	1441.864	0.730	0.980
820.391	0.999	14.737						
11/9/2016 1:45:00 PM	578700.000	58.170	16.907	134.312	1218.536	1441.329	0.730	0.980
820.657	0.999	14.738						
11/9/2016 2:00:00 PM	579600.000	58.160	16.906	134.289	1218.715	1441.581	0.730	0.980
820.536	0.999	14.729						
11/9/2016 2:15:00 PM	580500.000	58.166	16.904	134.304	1218.864	1441.831	0.730	0.980
820.436	0.999	14.730						
11/9/2016 2:30:00 PM	581400.000	58.159	16.906	134.288	1219.975	1443.051	0.730	0.981
819.689	0.999	14.734						
11/9/2016 2:45:00 PM	582300.000	58.142	16.906	134.248	1219.994	1443.102	0.731	0.981
819.676	0.999	14.734						
11/9/2016 3:00:00 PM	583200.000	58.153	16.905	134.273	1219.797	1442.883	0.730	0.981
819.809	0.999	14.734						
11/9/2016 3:15:00 PM	584100.000	58.146	16.905	134.257	1219.496	1442.533	0.730	0.981
820.011	0.999	14.737						
11/9/2016 3:30:00 PM	585000.000	58.154	16.905	134.275	1219.571	1442.608	0.730	0.981
819.960	0.999	14.729						
11/9/2016 3:45:00 PM	585900.000	58.123	16.905	134.204	1219.552	1442.603	0.730	0.981
819.973	0.999	14.731						
11/9/2016 4:00:00 PM	586800.000	58.136	16.905	134.233	1219.741	1442.809	0.730	0.981
819.846	0.999	14.734						
11/9/2016 4:15:00 PM	587700.000	58.135	16.904	134.233	1219.534	1442.598	0.730	0.981
819.985	0.999	14.728						
11/9/2016 4:30:00 PM	588600.000	58.127	16.905	134.214	1219.028	1441.976	0.730	0.981
820.326	0.999	14.728						
11/9/2016 4:45:00 PM	589500.000	58.134	16.905	134.231	1219.121	1442.080	0.730	0.981
820.263	0.999	14.721						
11/9/2016 5:00:00 PM	590400.000	58.118	16.904	134.194	1218.956	1441.914	0.730	0.981
820.374	0.999	14.731						
11/9/2016 5:15:00 PM	591300.000	58.107	16.905	134.168	1218.266	1441.086	0.729	0.980
820.839	0.999	14.729						
11/9/2016 5:30:00 PM	592200.000	58.098	16.906	134.146	1218.564	1441.405	0.730	0.980
820.638	0.999	14.735						
11/9/2016 5:45:00 PM	593100.000	58.094	16.904	134.138	1218.773	1441.704	0.730	0.980
820.497	0.999	14.728						
11/9/2016 6:00:00 PM	594000.000	58.085	16.905	134.115	1218.599	1441.471	0.730	0.980
820.615	0.999	14.738						
11/9/2016 6:15:00 PM	594900.000	58.107	16.904	134.168	1218.802	1441.735	0.730	0.980
820.478	0.999	14.731						
11/9/2016 6:30:00 PM	595800.000	58.080	16.906	134.106	1219.181	1442.143	0.730	0.981
820.222	0.999	14.739						
11/9/2016 6:45:00 PM	596700.000	58.101	16.906	134.154	1218.919	1441.816	0.730	0.980
820.399	0.999	14.732						
11/9/2016 7:00:00 PM	597600.000	58.096	16.903	134.141	1218.968	1441.963	0.730	0.981
820.366	0.999	14.736						
11/9/2016 7:15:00 PM	598500.000	58.084	16.904	134.114	1218.478	1441.368	0.730	0.980
820.696	0.999	14.736						
11/9/2016 7:30:00 PM	599400.000	58.105	16.905	134.163	1219.284	1442.271	0.730	0.981
820.153	0.999	14.733						
11/9/2016 7:45:00 PM	600300.000	58.104	16.907	134.160	1218.276	1441.021	0.729	0.980
820.832	0.999	14.737						
11/9/2016 8:00:00 PM	601200.000	58.111	16.906	134.177	1219.063	1441.975	0.730	0.981
820.302	0.999	14.737						
11/9/2016 8:15:00 PM	602100.000	58.094	16.905	134.137	1218.893	1441.822	0.730	0.980
820.417	0.999	14.740						
11/9/2016 8:30:00 PM	603000.000	58.100	16.906	134.152	1219.106	1442.038	0.730	0.981
820.273	0.999	14.736						
11/9/2016 8:45:00 PM	603900.000	58.117	16.908	134.190	1218.690	1441.477	0.730	0.980
820.553	0.999	14.741						
11/9/2016 9:00:00 PM	604800.000	58.125	16.905	134.209	1220.649	1443.894	0.731	0.982
819.236	0.999	14.743						
11/9/2016 9:15:00 PM	605700.000	58.108	16.907	134.169	1220.190	1443.282	0.731	0.981
819.545	0.999	14.745						
11/9/2016 9:30:00 PM	606600.000	58.129	16.907	134.218	1220.823	1444.040	0.731	0.982
819.119	0.999	14.744						
11/9/2016 9:45:00 PM	607500.000	58.119	16.906	134.196	1220.406	1443.578	0.731	0.982

819.399	0.999	14.740						
11/9/2016 10:00:00 PM	608400.000	58.141	16.905	134.247	1219.911	1443.021	0.730	0.981
819.732	0.999	14.743						
11/9/2016 10:15:00 PM	609300.000	58.137	16.906	134.237	1219.494	1442.483	0.730	0.981
820.012	0.999	14.746						
11/9/2016 10:30:00 PM	610200.000	58.147	16.905	134.261	1218.980	1441.920	0.730	0.981
820.358	0.999	14.742						
11/9/2016 10:45:00 PM	611100.000	58.151	16.907	134.268	1218.886	1441.737	0.730	0.980
820.422	0.999	14.740						
11/9/2016 11:00:00 PM	612000.000	58.156	16.906	134.280	1218.651	1441.491	0.730	0.980
820.579	0.999	14.742						
11/9/2016 11:15:00 PM	612900.000	58.147	16.904	134.260	1218.405	1441.259	0.730	0.980
820.745	0.999	14.738						
11/9/2016 11:30:00 PM	613800.000	58.165	16.906	134.300	1218.801	1441.688	0.730	0.980
820.479	0.999	14.739						
11/9/2016 11:45:00 PM	614700.000	58.160	16.906	134.290	1218.901	1441.787	0.730	0.980
820.411	0.999	14.741						

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

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/3/2016	0:00:00	0	33.325	16	2067.4
11/3/2016	0:15:00	0	33.311	16	2066.2
11/3/2016	0:30:00	0	33.295	16	2067.4
11/3/2016	0:45:00	0	33.273	16	2066.2
11/3/2016	1:00:00	0	33.273	16	2067.4
11/3/2016	1:15:00	0	33.291	16	2067.4
11/3/2016	1:30:00	0	33.29	16	2067.4
11/3/2016	1:45:00	0	33.329	16	2067.4
11/3/2016	2:00:00	0	33.305	16	2066.2
11/3/2016	2:15:00	0	33.263	16	2067.4
11/3/2016	2:30:00	0	33.279	16	2066.2
11/3/2016	2:45:00	0	33.259	16	2067.4
11/3/2016	3:00:00	0	33.294	16	2067.4
11/3/2016	3:15:00	0	33.278	16	2067.4
11/3/2016	3:30:00	0	33.298	16	2067.4
11/3/2016	3:45:00	0	33.26	16	2067.4
11/3/2016	4:00:00	0	33.299	16	2067.4
11/3/2016	4:15:00	0	33.259	16	2067.4
11/3/2016	4:30:00	0	33.244	16	2066.2
11/3/2016	4:45:00	0	33.283	16	2067.4
11/3/2016	5:00:00	0	33.243	16	2066.2
11/3/2016	5:15:00	0	33.243	16	2067.4
11/3/2016	5:30:00	0	33.24	16	2067.4
11/3/2016	5:45:00	0	33.296	16	2067.4
11/3/2016	6:00:00	0	33.275	16.1	2063.9
11/3/2016	6:15:00	0	33.255	16	2067.4
11/3/2016	6:30:00	0	33.258	16	2067.4
11/3/2016	6:45:00	0	33.28	16	2067.4
11/3/2016	7:00:00	0	33.283	16	2066.2
11/3/2016	7:15:00	0	33.267	16	2067.4
11/3/2016	7:30:00	0	33.26	16	2067.4

11/3/2016	7:45:00	0	33.276	16	2067.4
11/3/2016	8:00:00	0	33.316	16	2067.4
11/3/2016	8:15:00	0	33.292	16	2067.4
11/3/2016	8:30:00	0	33.329	16	2067.4
11/3/2016	8:45:00	0	33.246	16	2067.4
11/3/2016	9:00:00	0	33.278	16.1	2063.9
11/3/2016	9:15:00	0	33.236	16	2067.4
11/3/2016	9:30:00	0	33.234	16	2067.4
11/3/2016	9:45:00	0	33.219	16	2067.4
11/3/2016	10:00:00	0	33.262	16	2067.4
11/3/2016	10:15:00	0	33.258	16	2067.4
11/3/2016	10:30:00	0	33.303	16	2066.2
11/3/2016	10:45:00	0	33.28	16	2067.4
11/3/2016	11:00:00	0	33.298	16	2066.2
11/3/2016	11:15:00	0	33.247	16	2067.4
11/3/2016	11:30:00	0	33.255	16	2067.4
11/3/2016	11:45:00	0	33.3	16	2067.4
11/3/2016	12:00:00	0	33.309	16	2066.2
11/3/2016	12:15:00	0	33.289	16	2067.4
11/3/2016	12:30:00	0	33.26	16	2067.4
11/3/2016	12:45:00	0	33.272	16	2067.4
11/3/2016	13:00:00	0	33.257	16	2066.2
11/3/2016	13:15:00	0	33.268	16	2067.4
11/3/2016	13:30:00	0	33.315	16	2067.4
11/3/2016	13:45:00	0	33.328	16	2067.4
11/3/2016	14:00:00	0	33.281	16.1	2063.9
11/3/2016	14:15:00	0	33.29	16	2066.2
11/3/2016	14:30:00	0	33.293	16	2066.2
11/3/2016	14:45:00	0	33.277	16	2066.2
11/3/2016	15:00:00	0	33.285	16	2066.2
11/3/2016	15:15:00	0	33.326	16	2066.2
11/3/2016	15:30:00	0	33.321	16.1	2063.9
11/3/2016	15:45:00	0	33.295	16	2066.2
11/3/2016	16:00:00	0	33.268	16	2066.2
11/3/2016	16:15:00	0	33.264	16	2066.2
11/3/2016	16:30:00	0	33.197	16	2066.2
11/3/2016	16:45:00	0	33.263	16	2066.2
11/3/2016	17:00:00	0	33.267	16	2066.2
11/3/2016	17:15:00	0	33.291	16	2066.2
11/3/2016	17:30:00	0	33.249	16	2066.2
11/3/2016	17:45:00	0	33.252	16	2066.2
11/3/2016	18:00:00	0	33.313	16	2066.2
11/3/2016	18:15:00	0	33.292	16	2067.4
11/3/2016	18:30:00	0	33.272	16	2066.2
11/3/2016	18:45:00	0	33.272	16	2067.4
11/3/2016	19:00:00	0	33.309	16	2066.2
11/3/2016	19:15:00	0	33.266	16	2066.2

11/3/2016	19:30:00	0	33.284	16	2066.2
11/3/2016	19:45:00	0	33.284	16	2067.4
11/3/2016	20:00:00	0	33.284	16	2066.2
11/3/2016	20:15:00	0	33.287	16	2066.2
11/3/2016	20:30:00	0	33.265	16	2067.4
11/3/2016	20:45:00	0	33.267	16	2067.4
11/3/2016	21:00:00	0	33.265	16	2066.2
11/3/2016	21:15:00	0	33.284	16	2066.2
11/3/2016	21:30:00	0	33.302	16	2067.4
11/3/2016	21:45:00	0	33.318	16	2066.2
11/3/2016	22:00:00	0	33.236	16	2067.4
11/3/2016	22:15:00	0	33.236	16	2067.4
11/3/2016	22:30:00	0	33.295	16	2067.4
11/3/2016	22:45:00	0	33.273	16	2067.4
11/3/2016	23:00:00	0	33.291	16	2067.4
11/3/2016	23:15:00	0	33.234	16	2067.4
11/3/2016	23:30:00	0	33.29	16	2067.4
11/3/2016	23:45:00	0	33.29	16	2067.4
11/4/2016	0:00:00	0	33.295	16	2067.4
11/4/2016	0:15:00	0	33.296	16	2067.4
11/4/2016	0:30:00	0	33.319	16	2067.4
11/4/2016	0:45:00	0	33.321	16	2067.4
11/4/2016	1:00:00	0	33.303	16	2067.4
11/4/2016	1:15:00	0	33.26	16	2067.4
11/4/2016	1:30:00	0	33.321	16	2067.4
11/4/2016	1:45:00	0	33.256	16	2067.4
11/4/2016	2:00:00	0	33.331	16	2067.4
11/4/2016	2:15:00	0	33.314	16	2067.4
11/4/2016	2:30:00	0	33.31	16	2067.4
11/4/2016	2:45:00	0	33.31	16	2067.4
11/4/2016	3:00:00	0	33.308	16	2067.4
11/4/2016	3:15:00	0	33.305	16	2066.2
11/4/2016	3:30:00	0	33.243	16	2067.4
11/4/2016	3:45:00	0	33.286	16	2067.4
11/4/2016	4:00:00	0	33.302	16	2066.2
11/4/2016	4:15:00	0	33.262	16	2067.4
11/4/2016	4:30:00	0	33.302	16	2067.4
11/4/2016	4:45:00	0	33.261	16	2067.4
11/4/2016	5:00:00	0	33.338	16	2067.4
11/4/2016	5:15:00	0	33.298	16	2067.4
11/4/2016	5:30:00	0	33.254	16	2067.4
11/4/2016	5:45:00	0	33.262	16	2067.4
11/4/2016	6:00:00	0	33.316	16	2067.4
11/4/2016	6:15:00	0	33.237	16	2067.4
11/4/2016	6:30:00	0	33.276	16	2067.4
11/4/2016	6:45:00	0	33.276	16	2067.4
11/4/2016	7:00:00	0	33.276	16	2067.4

11/4/2016	7:15:00	0	33.3	16	2067.4
11/4/2016	7:30:00	0	33.261	16	2067.4
11/4/2016	7:45:00	0	33.28	16	2067.4
11/4/2016	8:00:00	0	33.275	16	2067.4
11/4/2016	8:15:00	0	33.258	16	2067.4
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11/4/2016	8:45:00	0	33.313	16	2067.4
11/4/2016	9:00:00	0	33.287	16	2067.4
11/4/2016	9:15:00	0	33.242	16	2067.4
11/4/2016	9:30:00	0	33.279	16	2067.4
11/4/2016	9:45:00	0	33.318	16	2067.4
11/4/2016	10:00:00	0	33.237	16	2067.4
11/4/2016	10:15:00	0	33.334	16	2067.4
11/4/2016	10:30:00	0	33.309	16	2067.4
11/4/2016	10:45:00	0	33.282	16	2067.4
11/4/2016	11:00:00	0	33.258	16	2067.4
11/4/2016	11:15:00	0	33.287	16	2067.4
11/4/2016	11:30:00	0	33.245	16	2067.4
11/4/2016	11:45:00	0	33.304	16	2067.4
11/4/2016	12:00:00	0	33.283	16	2067.4
11/4/2016	12:15:00	0	33.253	16	2067.4
11/4/2016	12:30:00	0	33.279	16	2067.4
11/4/2016	12:45:00	0	33.325	16	2067.4
11/4/2016	13:00:00	0	33.334	16	2067.4
11/4/2016	13:15:00	0	33.328	16	2067.4
11/4/2016	13:30:00	0	33.348	16	2067.4
11/4/2016	13:45:00	0	33.293	16	2067.4
11/4/2016	14:00:00	0	33.309	16	2067.4
11/4/2016	14:15:00	0	33.275	16	2067.4
11/4/2016	14:30:00	0	33.278	16	2067.4
11/4/2016	14:45:00	0	33.293	16	2067.4
11/4/2016	15:00:00	0	33.251	16	2067.4
11/4/2016	15:15:00	0	33.248	16	2067.4
11/4/2016	15:30:00	0	33.309	16	2067.4
11/4/2016	15:45:00	0	33.305	16	2067.4
11/4/2016	16:00:00	0	33.223	16	2067.4
11/4/2016	16:15:00	0	33.324	16	2067.4
11/4/2016	16:30:00	0	33.244	16	2067.4
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11/4/2016	17:00:00	0	33.265	16	2067.4
11/4/2016	17:15:00	0	33.265	16	2067.4
11/4/2016	17:30:00	0	33.282	16	2067.4
11/4/2016	17:45:00	0	33.267	16	2067.4
11/4/2016	18:00:00	0	33.268	16	2067.4
11/4/2016	18:15:00	0	33.23	16	2067.4
11/4/2016	18:30:00	0	33.308	16	2067.4
11/4/2016	18:45:00	0	33.209	16	2067.4

11/4/2016	19:00:00	0	33.292	16	2067.4
11/4/2016	19:15:00	0	33.272	16	2067.4
11/4/2016	19:30:00	0	33.277	16	2067.4
11/4/2016	19:45:00	0	33.234	16	2067.4
11/4/2016	20:00:00	0	33.274	16	2067.4
11/4/2016	20:15:00	0	33.274	16	2067.4
11/4/2016	20:30:00	0	33.269	16	2067.4
11/4/2016	20:45:00	0	33.267	16	2067.4
11/4/2016	21:00:00	0	33.285	16	2067.4
11/4/2016	21:15:00	0	33.244	16	2067.4
11/4/2016	21:30:00	0	33.279	16	2067.4
11/4/2016	21:45:00	0	33.281	16	2067.4
11/4/2016	22:00:00	0	33.281	16	2067.4
11/4/2016	22:15:00	0	33.234	16	2067.4
11/4/2016	22:30:00	0	33.27	16	2068.5
11/4/2016	22:45:00	0	33.309	16	2067.4
11/4/2016	23:00:00	0	33.244	16	2067.4
11/4/2016	23:15:00	0	33.242	16	2067.4
11/4/2016	23:30:00	0	33.239	16	2068.5
11/4/2016	23:45:00	0	33.238	16	2067.4
11/5/2016	0:00:00	0	33.254	16	2067.4
11/5/2016	0:15:00	0	33.277	16	2067.4
11/5/2016	0:30:00	0	33.302	16	2067.4
11/5/2016	0:45:00	0	33.245	16	2068.5
11/5/2016	1:00:00	0	33.341	16	2067.4
11/5/2016	1:15:00	0	33.283	16	2067.4
11/5/2016	1:30:00	0	33.285	16	2067.4
11/5/2016	1:45:00	0	33.289	16	2067.4
11/5/2016	2:00:00	0	33.231	16	2067.4
11/5/2016	2:15:00	0	33.316	16	2068.5
11/5/2016	2:30:00	0	33.316	16	2068.5
11/5/2016	2:45:00	0	33.233	16	2067.4
11/5/2016	3:00:00	0	33.295	16	2067.4
11/5/2016	3:15:00	0	33.275	16	2067.4
11/5/2016	3:30:00	0	33.268	16	2068.5
11/5/2016	3:45:00	0	33.234	16	2067.4
11/5/2016	4:00:00	0	33.296	16	2067.4
11/5/2016	4:15:00	0	33.303	16	2067.4
11/5/2016	4:30:00	0	33.251	16	2067.4
11/5/2016	4:45:00	0	33.314	16	2068.5
11/5/2016	5:00:00	0	33.245	16	2067.4
11/5/2016	5:15:00	0	33.269	16	2067.4
11/5/2016	5:30:00	0	33.312	16	2067.4
11/5/2016	5:45:00	0	33.31	16	2067.4
11/5/2016	6:00:00	0	33.287	16	2067.4
11/5/2016	6:15:00	0	33.269	16	2068.5
11/5/2016	6:30:00	0	33.345	16	2067.4

11/5/2016	6:45:00	0	33.303	16	2067.4
11/5/2016	7:00:00	0	33.285	16	2068.5
11/5/2016	7:15:00	0	33.342	16	2067.4
11/5/2016	7:30:00	0	33.266	16	2067.4
11/5/2016	7:45:00	0	33.312	16	2068.5
11/5/2016	8:00:00	0	33.308	16	2067.4
11/5/2016	8:15:00	0	33.248	16	2067.4
11/5/2016	8:30:00	0	33.289	16	2068.5
11/5/2016	8:45:00	0	33.302	16	2067.4
11/5/2016	9:00:00	0	33.304	16	2067.4
11/5/2016	9:15:00	0	33.265	16	2068.5
11/5/2016	9:30:00	0	33.277	16	2067.4
11/5/2016	9:45:00	0	33.252	16	2067.4
11/5/2016	10:00:00	0	33.262	16	2068.5
11/5/2016	10:15:00	0	33.299	16	2067.4
11/5/2016	10:30:00	0	33.279	16	2068.5
11/5/2016	10:45:00	0	33.291	16	2067.4
11/5/2016	11:00:00	0	33.259	16	2067.4
11/5/2016	11:15:00	0	33.255	16	2068.5
11/5/2016	11:30:00	0	33.295	16	2067.4
11/5/2016	11:45:00	0	33.356	16	2067.4
11/5/2016	12:00:00	0	33.271	16	2068.5
11/5/2016	12:15:00	0	33.273	16	2067.4
11/5/2016	12:30:00	0	33.239	16	2067.4
11/5/2016	12:45:00	0	33.278	16	2068.5
11/5/2016	13:00:00	0	33.281	16	2067.4
11/5/2016	13:15:00	0	33.244	16	2067.4
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11/5/2016	14:00:00	0	33.286	16	2067.4
11/5/2016	14:15:00	0	33.25	16	2067.4
11/5/2016	14:30:00	0	33.271	16.1	2065
11/5/2016	14:45:00	0	33.311	16	2067.4
11/5/2016	15:00:00	0	33.289	16	2067.4
11/5/2016	15:15:00	0	33.266	16	2067.4
11/5/2016	15:30:00	0	33.309	16	2068.5
11/5/2016	15:45:00	0	33.287	16	2068.5
11/5/2016	16:00:00	0	33.289	16	2067.4
11/5/2016	16:15:00	0	33.286	16	2068.5
11/5/2016	16:30:00	0	33.291	16	2067.4
11/5/2016	16:45:00	0	33.31	16	2067.4
11/5/2016	17:00:00	0	33.282	16	2067.4
11/5/2016	17:15:00	0	33.314	16	2067.4
11/5/2016	17:30:00	0	33.316	16	2067.4
11/5/2016	17:45:00	0	33.276	16	2068.5
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11/5/2016	18:15:00	0	33.362	16	2067.4

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11/5/2016	22:30:00	0	33.245	16	2067.4
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11/6/2016	0:00:00	0	33.268	16	2067.4
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11/6/2016	0:30:00	0	33.25	16	2068.5
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11/6/2016	4:45:00	0	33.288	16	2067.4
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11/6/2016	14:30:00	0	33.286	16	2068.5
11/6/2016	14:45:00	0	33.25	16	2067.4
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11/8/2016	8:45:00	0	33.324	16	2068.5
11/8/2016	9:00:00	0	33.256	16	2068.5
11/8/2016	9:15:00	0	33.27	16	2067.4
11/8/2016	9:30:00	0	33.283	16	2068.5
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11/8/2016	10:30:00	0	33.288	16	2067.4
11/8/2016	10:45:00	0	33.309	16	2067.4
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11/8/2016	15:30:00	0	33.28	16	2068.5
11/8/2016	15:45:00	0	33.294	16	2067.4
11/8/2016	16:00:00	0	33.278	16	2068.5
11/8/2016	16:15:00	0	33.24	16	2068.5
11/8/2016	16:30:00	0	33.281	16	2068.5
11/8/2016	16:45:00	0	33.32	16	2068.5

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11/8/2016	17:15:00	0	33.322	16	2068.5
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11/8/2016	22:00:00	0	33.265	16	2068.5
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11/8/2016	23:00:00	0	33.289	16	2068.5
11/8/2016	23:15:00	0	33.269	16	2068.5
11/8/2016	23:30:00	0	33.266	16	2068.5
11/8/2016	23:45:00	0	33.3	16	2068.5
11/9/2016	0:00:00	0	33.283	16	2068.5
11/9/2016	0:15:00	0	33.283	16	2068.5
11/9/2016	0:30:00	0	33.332	16	2068.5
11/9/2016	0:45:00	0	33.316	16	2068.5
11/9/2016	1:00:00	0	33.305	16	2068.5
11/9/2016	1:15:00	0	33.33	16	2068.5
11/9/2016	1:30:00	0	33.33	16	2068.5
11/9/2016	1:45:00	0	33.29	16	2068.5
11/9/2016	2:00:00	0	33.378	16	2068.5
11/9/2016	2:15:00	0	33.283	16	2068.5
11/9/2016	2:30:00	0	33.302	16	2068.5
11/9/2016	2:45:00	0	33.261	16	2068.5
11/9/2016	3:00:00	0	33.299	16	2068.5
11/9/2016	3:15:00	0	33.299	16	2068.5
11/9/2016	3:30:00	0	33.326	16	2068.5
11/9/2016	3:45:00	0	33.291	16	2068.5
11/9/2016	4:00:00	0	33.308	16	2068.5
11/9/2016	4:15:00	0	33.313	16	2068.5
11/9/2016	4:30:00	0	33.319	16	2068.5

11/9/2016	4:45:00	0	33.303	16	2068.5
11/9/2016	5:00:00	0	33.363	16	2068.5
11/9/2016	5:15:00	0	33.311	16	2068.5
11/9/2016	5:30:00	0	33.311	16	2068.5
11/9/2016	5:45:00	0	33.345	16	2068.5
11/9/2016	6:00:00	0	33.287	16	2068.5
11/9/2016	6:15:00	0	33.345	16	2068.5
11/9/2016	6:30:00	0	33.33	16	2067.4
11/9/2016	6:45:00	0	33.29	16	2068.5
11/9/2016	7:00:00	0	33.286	16	2068.5
11/9/2016	7:15:00	0	33.287	16	2068.5
11/9/2016	7:30:00	0	33.281	16	2068.5
11/9/2016	7:45:00	0	33.341	16	2068.5
11/9/2016	8:00:00	0	33.318	16	2068.5
11/9/2016	8:15:00	0	33.292	16	2068.5
11/9/2016	8:30:00	0	33.251	16	2068.5
11/9/2016	8:45:00	0	33.344	16	2068.5
11/9/2016	9:00:00	0	33.263	16	2068.5
11/9/2016	9:15:00	0	33.301	16	2068.5
11/9/2016	9:30:00	0	33.327	16	2068.5
11/9/2016	9:45:00	0	33.306	16	2068.5
11/9/2016	10:00:00	0	33.33	16	2067.4
11/9/2016	10:15:00	0	33.338	16	2068.5
11/9/2016	10:30:00	0	33.3	16	2068.5
11/9/2016	10:45:00	0	33.329	16	2068.5
11/9/2016	11:00:00	0	33.314	16	2068.5
11/9/2016	11:15:00	0	33.317	16	2068.5
11/9/2016	11:30:00	0	33.28	16	2068.5
11/9/2016	11:45:00	0	33.304	16	2068.5
11/9/2016	12:00:00	0	33.35	16	2068.5
11/9/2016	12:15:00	0	33.343	16	2068.5
11/9/2016	12:30:00	0	33.355	16	2068.5
11/9/2016	12:45:00	0	33.284	16	2068.5
11/9/2016	13:00:00	0	33.292	16	2068.5
11/9/2016	13:15:00	0	33.306	16	2068.5
11/9/2016	13:30:00	0	33.332	16	2068.5
11/9/2016	13:45:00	0	33.336	16	2068.5
11/9/2016	14:00:00	0	33.309	16	2068.5
11/9/2016	14:15:00	0	33.307	16	2068.5
11/9/2016	14:30:00	0	33.25	16	2068.5
11/9/2016	14:45:00	0	33.25	16	2068.5
11/9/2016	15:00:00	0	33.332	16	2068.5
11/9/2016	15:15:00	0	33.291	16	2068.5
11/9/2016	15:30:00	0	33.289	16	2068.5
11/9/2016	15:45:00	0	33.29	16	2068.5
11/9/2016	16:00:00	0	33.288	16	2068.5
11/9/2016	16:15:00	0	33.328	16	2068.5

11/9/2016	16:30:00	0	33.311	16	2068.5
11/9/2016	16:45:00	0	33.31	16	2068.5
11/9/2016	17:00:00	0	33.335	16	2068.5
11/9/2016	17:15:00	0	33.264	16	2068.5
11/9/2016	17:30:00	0	33.321	16	2068.5
11/9/2016	17:45:00	0	33.303	16	2068.5
11/9/2016	18:00:00	0	33.281	16	2068.5
11/9/2016	18:15:00	0	33.3	16	2068.5
11/9/2016	18:30:00	0	33.259	16	2068.5
11/9/2016	18:45:00	0	33.258	16	2068.5
11/9/2016	19:00:00	0	33.275	16	2068.5
11/9/2016	19:15:00	0	33.293	16	2068.5
11/9/2016	19:30:00	0	33.311	16	2068.5
11/9/2016	19:45:00	0	33.249	16	2068.5
11/9/2016	20:00:00	0	33.284	16	2068.5
11/9/2016	20:15:00	0	33.325	16	2068.5
11/9/2016	20:30:00	0	33.279	16	2068.5
11/9/2016	20:45:00	0	33.244	16	2068.5
11/9/2016	21:00:00	0	33.317	16	2068.5
11/9/2016	21:15:00	0	33.299	16	2068.5
11/9/2016	21:30:00	0	33.299	16	2068.5
11/9/2016	21:45:00	0	33.294	16	2068.5
11/9/2016	22:00:00	0	33.292	16	2068.5
11/9/2016	22:15:00	0	33.293	16	2068.5
11/9/2016	22:30:00	0	33.291	16	2068.5
11/9/2016	22:45:00	0	33.25	16	2068.5
11/9/2016	23:00:00	0	33.308	16	2068.5
11/9/2016	23:15:00	0	33.271	16	2068.5
11/9/2016	23:30:00	0	33.329	16	2068.5
11/9/2016	23:45:00	0	33.33	16	2068.5

Report Date: 11/14/2016 8:31:07 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_2016-11-10_16-32-01-228-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-7D
Device Name:
Serial Number: 441205
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 0

Log Configuration
Log Name: MPWSP MW-7D LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/2/2016 4:37:54 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 3/2/2016 5:15:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/2/2016 4:38:03 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 4:41:45 PM	Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 4:46:33 PM	Device Taken Offline
3/2/2016 4:47:43 PM	Conductivity calibration. Sensor SN: 441205 Cell Constant: 1.00383 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 4:55:15 PM	Device Put Online
3/2/2016 4:55:16 PM	Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 5:20:15 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 5:22:21 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51:10 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39:34 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 1:42:42 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43:49 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 11:40:58 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM
4/7/2016 10:42:35 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 8:52:02 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM
4/21/2016 9:43:29 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM
4/28/2016 10:15:04 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:24:15 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
5/12/2016 8:54:58 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM
5/19/2016 11:58:24 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM
5/26/2016 8:29:21 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM
6/2/2016 10:31:21 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM
6/9/2016 8:42:54 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:04:00 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM
6/23/2016 9:23:38 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:15:00 AM
7/1/2016 10:43:17 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:06:16 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 4:05:51 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM
7/21/2016 4:36:32 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM
7/28/2016 5:24:58 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 8:30:49 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
8/11/2016 11:13:54 AM	Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM
8/18/2016 2:35:47 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM
8/25/2016 1:14:03 PM	Log Download - Used Battery: 10% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 9:47:35 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 9:45:00 AM
9/8/2016 5:38:52 PM	Log Download - Used Battery: 10% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 1:09:51 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM
9/22/2016 10:58:41 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 11:45:00 AM
10/1/2016 9:57:51 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM
10/7/2016 4:10:25 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 3:34:22 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:15:00 PM
10/20/2016 3:02:32 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:00:00 PM
10/27/2016 3:01:14 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:45:00 PM
11/3/2016 2:39:34 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:30:00 PM
11/10/2016 4:31:07 PM	Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:30:00 PM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 750
Sensors: 2
1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time (Seconds)	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)
11/3/2016 12:00:00 AM	7200.000	116.798	19.237	266.218	34535.266	38806.512	24.925	26.388	28.956	1.017
11/3/2016 12:15:00 AM	8100.000	116.781	19.237	266.179	34538.633	38810.586	24.928	26.391	14.798	

Corrected Barometric Pressure (PSI)
14.798
14.781

28.953	1.017	14.795						
11/3/2016 12:30:00 AM	9000.000	116.789	19.237	266.197	34556.578	38830.598	24.942	26.405
28.938	1.017	14.792						
11/3/2016 12:45:00 AM	9900.000	116.796	19.237	266.214	34559.836	38834.121	24.945	26.407
28.935	1.017	14.796						
11/3/2016 1:00:00 AM	10800.000	116.818	19.237	266.265	34541.004	38813.098	24.930	26.393
28.951	1.017	14.791						
11/3/2016 1:15:00 AM	11700.000	116.809	19.237	266.243	34557.082	38831.242	24.943	26.405
28.938	1.017	14.798						
11/3/2016 1:30:00 AM	12600.000	116.819	19.237	266.267	34552.355	38826.152	24.939	26.402
28.942	1.017	14.794						
11/3/2016 1:45:00 AM	13500.000	116.812	19.237	266.251	34558.887	38833.699	24.944	26.407
28.936	1.017	14.796						
11/3/2016 2:00:00 AM	14400.000	116.825	19.237	266.281	34562.215	38836.930	24.947	26.409
28.933	1.017	14.799						
11/3/2016 2:15:00 AM	15300.000	116.822	19.238	266.273	34568.379	38843.363	24.951	26.413
28.928	1.017	14.802						
11/3/2016 2:30:00 AM	16200.000	116.830	19.237	266.293	34569.668	38845.238	24.953	26.415
28.927	1.017	14.807						
11/3/2016 2:45:00 AM	17100.000	116.837	19.237	266.307	34549.895	38823.086	24.937	26.400
28.944	1.017	14.802						
11/3/2016 3:00:00 AM	18000.000	116.843	19.237	266.322	34557.945	38832.133	24.943	26.406
28.937	1.017	14.798						
11/3/2016 3:15:00 AM	18900.000	116.845	19.238	266.325	34564.949	38839.426	24.949	26.411
28.931	1.017	14.802						
11/3/2016 3:30:00 AM	19800.000	116.855	19.238	266.348	34555.926	38829.648	24.942	26.404
28.939	1.017	14.803						
11/3/2016 3:45:00 AM	20700.000	116.847	19.237	266.330	34547.609	38820.520	24.935	26.398
28.946	1.017	14.800						
11/3/2016 4:00:00 AM	21600.000	116.853	19.237	266.344	34565.984	38841.320	24.950	26.412
28.930	1.017	14.799						
11/3/2016 4:15:00 AM	22500.000	116.864	19.238	266.370	34562.789	38836.707	24.947	26.409
28.933	1.017	14.797						
11/3/2016 4:30:00 AM	23400.000	116.861	19.238	266.362	34538.414	38809.832	24.928	26.391
28.953	1.017	14.795						
11/3/2016 4:45:00 AM	24300.000	116.865	19.238	266.371	34563.098	38837.273	24.947	26.409
28.933	1.017	14.801						
11/3/2016 5:00:00 AM	25200.000	116.857	19.237	266.354	34548.211	38821.492	24.936	26.399
28.945	1.017	14.797						
11/3/2016 5:15:00 AM	26100.000	116.864	19.238	266.368	34556.039	38829.699	24.942	26.404
28.939	1.017	14.802						
11/3/2016 5:30:00 AM	27000.000	116.859	19.238	266.357	34554.766	38827.691	24.940	26.403
28.940	1.017	14.799						
11/3/2016 5:45:00 AM	27900.000	116.873	19.237	266.389	34559.781	38834.059	24.945	26.407
28.935	1.017	14.794						
11/3/2016 6:00:00 AM	28800.000	116.861	19.238	266.363	34568.484	38843.398	24.951	26.414
28.928	1.017	14.806						
11/3/2016 6:15:00 AM	29700.000	116.863	19.237	266.368	34548.504	38821.457	24.936	26.399
28.945	1.017	14.803						
11/3/2016 6:30:00 AM	30600.000	116.871	19.238	266.384	34552.727	38825.914	24.939	26.402
28.941	1.017	14.799						
11/3/2016 6:45:00 AM	31500.000	116.872	19.237	266.388	34571.188	38847.090	24.954	26.416
28.926	1.017	14.804						
11/3/2016 7:00:00 AM	32400.000	116.879	19.237	266.404	34553.020	38826.461	24.939	26.402
28.941	1.017	14.797						
11/3/2016 7:15:00 AM	33300.000	116.873	19.238	266.389	34573.406	38848.789	24.955	26.417
28.924	1.017	14.792						
11/3/2016 7:30:00 AM	34200.000	116.878	19.237	266.400	34554.734	38829.109	24.941	26.404
28.940	1.017	14.799						
11/3/2016 7:45:00 AM	35100.000	116.880	19.238	266.406	34548.297	38821.074	24.936	26.398
28.945	1.017	14.800						
11/3/2016 8:00:00 AM	36000.000	116.880	19.238	266.406	34557.188	38831.066	24.943	26.405
28.938	1.017	14.796						
11/3/2016 8:15:00 AM	36900.000	116.884	19.237	266.415	34551.234	38824.594	24.938	26.401
28.943	1.017	14.804						
11/3/2016 8:30:00 AM	37800.000	116.879	19.237	266.404	34549.766	38823.094	24.937	26.400
28.944	1.017	14.807						
11/3/2016 8:45:00 AM	38700.000	116.884	19.237	266.415	34565.410	38840.746	24.950	26.412
28.931	1.017	14.804						
11/3/2016 9:00:00 AM	39600.000	116.883	19.237	266.411	34548.430	38821.664	24.936	26.399
28.945	1.017	14.806						
11/3/2016 9:15:00 AM	40500.000	116.887	19.237	266.422	34537.750	38809.371	24.927	26.390
28.954	1.017	14.810						
11/3/2016 9:30:00 AM	41400.000	116.889	19.238	266.425	34549.879	38822.574	24.937	26.399
28.944	1.017	14.809						
11/3/2016 9:45:00 AM	42300.000	116.890	19.238	266.429	34544.320	38816.246	24.932	26.395
28.948	1.017	14.807						
11/3/2016 10:00:00 AM	43200.000	116.898	19.238	266.448	34552.266	38825.535	24.939	26.401
28.942	1.017	14.804						
11/3/2016 10:15:00 AM	44100.000	116.908	19.238	266.469	34544.375	38816.238	24.932	26.395
28.948	1.017	14.799						
11/3/2016 10:30:00 AM	45000.000	116.903	19.237	266.459	34558.805	38833.031	24.944	26.406
28.936	1.017	14.803						
11/3/2016 10:45:00 AM	45900.000	116.911	19.237	266.476	34564.945	38840.000	24.949	26.411
28.931	1.017	14.800						
11/3/2016 11:00:00 AM	46800.000	116.925	19.238	266.508	34553.016	38825.945	24.939	26.402
28.941	1.017	14.798						
11/3/2016 11:15:00 AM	47700.000	116.931	19.238	266.523	34562.758	38837.250	24.947	26.409
28.933	1.017	14.799						
11/3/2016 11:30:00 AM	48600.000	116.923	19.238	266.504	34554.734	38828.234	24.941	26.403
28.940	1.017	14.798						
11/3/2016 11:45:00 AM	49500.000	116.944	19.237	266.550	34559.125	38833.391	24.944	26.407
28.936	1.017	14.789						
11/3/2016 12:00:00 PM	50400.000	116.933	19.239	266.527	34567.508	38841.723	24.950	26.412
28.929	1.017	14.790						
11/3/2016 12:15:00 PM	51300.000	116.940	19.238	266.543	34539.711	38811.148	24.928	26.392
28.952	1.017	14.792						
11/3/2016 12:30:00 PM	52200.000	116.951	19.237	266.569	34540.762	38813.199	24.930	26.393
28.951	1.017	14.784						
11/3/2016 12:45:00 PM	53100.000	116.956	19.238	266.579	34543.430	38815.531	24.932	26.395
28.949	1.017	14.786						
11/3/2016 1:00:00 PM	54000.000	116.966	19.238	266.601	34570.449	38845.891	24.953	26.415
28.926	1.017	14.784						
11/3/2016 1:15:00 PM	54900.000	116.969	19.238	266.608	34558.363	38832.109	24.943	26.406
28.937	1.017	14.775						
11/3/2016 1:30:00 PM	55800.000	116.969	19.238	266.609	34575.387	38851.238	24.957	26.419
28.922	1.017	14.775						
11/3/2016 1:45:00 PM	56700.000	116.968	19.238	266.605	34573.254	38848.758	24.955	26.417
28.924	1.017	14.772						
11/3/2016 2:00:00 PM	57600.000	116.982	19.238	266.639	34574.445	38850.098	24.956	26.418
28.923	1.017	14.764						
11/3/2016 2:15:00 PM	58500.000	116.983	19.238	266.641	34549.094	38821.832	24.936	26.399
28.944	1.017	14.761						
11/3/2016 2:30:00 PM	59400.000	116.990	19.237	266.656	34538.328	38810.023	24.928	26.391
28.953	1.017	14.759						
11/3/2016 2:45:00 PM	60300.000	116.986	19.238	266.647	34539.172	38810.246	24.928	26.391
28.953	1.017	14.761						
11/3/2016 3:00:00 PM	61200.000	116.987	19.238	266.649	34557.738	38831.406	24.943	26.405
28.937	1.017	14.762						
11/3/2016 3:15:00 PM	62100.000	116.995	19.238	266.668	34551.617	38824.668	24.938	26.401
28.942	1.017	14.755						
11/3/2016 3:30:00 PM	63000.000	116.993	19.238	266.663	34578.582	38854.969	24.960	26.421
28.920	1.017	14.760						
11/3/2016 3:45:00 PM	63900.000	116.979	19.237	266.631	34548.508	38821.750	24.936	26.399
28.945	1.017	14.756						
11/3/2016 4:00:00 PM	64800.000	116.978	19.238	266.629	34560.309	38834.496	24.945	26.407
28.935	1.017	14.762						
11/3/2016 4:15:00 PM	65700.000	116.982	19.237	266.637	34540.746	38812.961	24.930	26.393
28.951	1.017	14.762						
11/3/2016 4:30:00 PM	66600.000	116.974	19.237	266.619	34526.559	38797.242	24.919	26.382
28.963	1.017	14.759						
11/3/2016 4:45:00 PM	67500.000	116.972	19.237	266.615	34560.160	38834.621	24.945	26.408
28.935	1.017	14.762						

11/3/2016 5:00:00 PM	68400.000	116.964	19.237	266.597	34562.414	38837.453	24.947	26.409
28.933	1.017	14.758						
11/3/2016 5:15:00 PM	69300.000	116.968	19.237	266.607	34553.473	38827.262	24.940	26.403
28.941	1.017	14.759						
11/3/2016 5:30:00 PM	70200.000	116.964	19.238	266.596	34553.160	38826.402	24.939	26.402
28.941	1.017	14.761						
11/3/2016 5:45:00 PM	71100.000	116.955	19.237	266.577	34551.887	38825.402	24.939	26.401
28.942	1.017	14.761						
11/3/2016 6:00:00 PM	72000.000	116.950	19.236	266.564	34558.527	38833.520	24.944	26.407
28.936	1.017	14.758						
11/3/2016 6:15:00 PM	72900.000	116.940	19.238	266.543	34537.656	38808.758	24.927	26.390
28.954	1.017	14.756						
11/3/2016 6:30:00 PM	73800.000	116.938	19.237	266.538	34576.266	38853.305	24.958	26.420
28.922	1.017	14.760						
11/3/2016 6:45:00 PM	74700.000	116.922	19.237	266.500	34563.398	38838.484	24.948	26.410
28.932	1.017	14.757						
11/3/2016 7:00:00 PM	75600.000	116.915	19.236	266.486	34548.590	38822.355	24.936	26.399
28.945	1.017	14.761						
11/3/2016 7:15:00 PM	76500.000	116.908	19.237	266.469	34533.371	38805.027	24.924	26.387
28.957	1.017	14.761						
11/3/2016 7:30:00 PM	77400.000	116.897	19.238	266.445	34531.820	38802.281	24.922	26.386
28.959	1.017	14.759						
11/3/2016 7:45:00 PM	78300.000	116.887	19.237	266.420	34543.082	38815.363	24.931	26.394
28.949	1.017	14.764						
11/3/2016 8:00:00 PM	79200.000	116.890	19.237	266.429	34558.828	38833.348	24.944	26.407
28.936	1.017	14.764						
11/3/2016 8:15:00 PM	80100.000	116.886	19.237	266.419	34555.926	38830.164	24.942	26.405
28.939	1.017	14.757						
11/3/2016 8:30:00 PM	81000.000	116.863	19.237	266.366	34550.953	38824.137	24.938	26.400
28.943	1.017	14.768						
11/3/2016 8:45:00 PM	81900.000	116.865	19.238	266.371	34559.531	38833.422	24.944	26.407
28.936	1.017	14.762						
11/3/2016 9:00:00 PM	82800.000	116.847	19.237	266.331	34525.891	38795.977	24.918	26.381
28.964	1.017	14.762						
11/3/2016 9:15:00 PM	83700.000	116.845	19.236	266.326	34537.547	38809.875	24.928	26.391
28.954	1.017	14.761						
11/3/2016 9:30:00 PM	84600.000	116.840	19.237	266.315	34536.555	38808.027	24.926	26.389
28.955	1.017	14.759						
11/3/2016 9:45:00 PM	85500.000	116.846	19.237	266.328	34557.676	38831.984	24.943	26.406
28.937	1.017	14.764						
11/3/2016 10:00:00 PM	86400.000	116.840	19.237	266.313	34551.188	38824.473	24.938	26.401
28.943	1.017	14.765						
11/3/2016 10:15:00 PM	87300.000	116.838	19.237	266.309	34550.078	38823.594	24.937	26.400
28.943	1.017	14.763						
11/3/2016 10:30:00 PM	88200.000	116.837	19.237	266.307	34534.973	38806.543	24.925	26.388
28.956	1.017	14.770						
11/3/2016 10:45:00 PM	89100.000	116.820	19.238	266.268	34534.863	38805.980	24.925	26.388
28.956	1.017	14.763						
11/3/2016 11:00:00 PM	90000.000	116.822	19.237	266.274	34530.188	38801.320	24.921	26.385
28.960	1.017	14.770						
11/3/2016 11:15:00 PM	90900.000	116.813	19.237	266.254	34542.414	38815.059	24.931	26.394
28.950	1.017	14.769						
11/3/2016 11:30:00 PM	91800.000	116.826	19.237	266.283	34536.930	38808.895	24.927	26.390
28.955	1.017	14.766						
11/3/2016 11:45:00 PM	92700.000	116.814	19.237	266.256	34552.637	38826.391	24.939	26.402
28.941	1.017	14.771						
11/4/2016 12:00:00 AM	93600.000	116.819	19.238	266.266	34535.031	38806.168	24.925	26.388
28.956	1.017	14.771						
11/4/2016 12:15:00 AM	94500.000	116.821	19.237	266.272	34551.484	38825.457	24.939	26.401
28.942	1.017	14.764						
11/4/2016 12:30:00 AM	95400.000	116.814	19.237	266.256	34536.965	38808.488	24.927	26.390
28.954	1.017	14.768						
11/4/2016 12:45:00 AM	96300.000	116.816	19.237	266.260	34538.035	38810.344	24.928	26.391
28.954	1.017	14.765						
11/4/2016 1:00:00 AM	97200.000	116.817	19.237	266.261	34548.898	38822.477	24.937	26.399
28.944	1.017	14.768						
11/4/2016 1:15:00 AM	98100.000	116.826	19.237	266.283	34528.828	38799.492	24.920	26.384
28.961	1.017	14.764						
11/4/2016 1:30:00 AM	99000.000	116.832	19.237	266.297	34553.383	38827.086	24.940	26.402
28.941	1.017	14.760						
11/4/2016 1:45:00 AM	99900.000	116.836	19.237	266.306	34550.730	38824.027	24.938	26.400
28.943	1.017	14.764						
11/4/2016 2:00:00 AM	100800.000	116.848	19.238	266.332	34523.480	38792.910	24.916	26.379
28.966	1.017	14.770						
11/4/2016 2:15:00 AM	101700.000	116.837	19.237	266.308	34555.277	38829.512	24.942	26.404
28.939	1.017	14.769						
11/4/2016 2:30:00 AM	102600.000	116.845	19.237	266.325	34551.035	38824.809	24.938	26.401
28.943	1.017	14.768						
11/4/2016 2:45:00 AM	103500.000	116.846	19.237	266.328	34540.953	38813.117	24.930	26.393
28.951	1.017	14.771						
11/4/2016 3:00:00 AM	104400.000	116.861	19.238	266.361	34537.648	38809.109	24.927	26.390
28.954	1.017	14.766						
11/4/2016 3:15:00 AM	105300.000	116.857	19.237	266.353	34555.426	38829.813	24.942	26.404
28.939	1.017	14.774						
11/4/2016 3:30:00 AM	106200.000	116.870	19.238	266.382	34544.164	38816.223	24.932	26.395
28.948	1.017	14.773						
11/4/2016 3:45:00 AM	107100.000	116.869	19.237	266.380	34549.332	38822.531	24.937	26.399
28.944	1.017	14.769						
11/4/2016 4:00:00 AM	108000.000	116.868	19.237	266.378	34563.793	38838.637	24.948	26.410
28.932	1.017	14.774						
11/4/2016 4:15:00 AM	108900.000	116.878	19.237	266.400	34534.129	38805.668	24.925	26.388
28.957	1.017	14.774						
11/4/2016 4:30:00 AM	109800.000	116.877	19.238	266.399	34552.320	38825.094	24.938	26.401
28.942	1.017	14.769						
11/4/2016 4:45:00 AM	110700.000	116.874	19.236	266.392	34557.496	38832.438	24.944	26.406
28.937	1.017	14.778						
11/4/2016 5:00:00 AM	111600.000	116.880	19.237	266.406	34550.027	38823.168	24.937	26.400
28.944	1.017	14.769						
11/4/2016 5:15:00 AM	112500.000	116.882	19.238	266.410	34531.633	38802.074	24.922	26.385
28.959	1.017	14.772						
11/4/2016 5:30:00 AM	113400.000	116.879	19.238	266.404	34551.734	38824.438	24.938	26.401
28.942	1.017	14.775						
11/4/2016 5:45:00 AM	114300.000	116.880	19.237	266.405	34558.410	38833.242	24.944	26.407
28.937	1.017	14.778						
11/4/2016 6:00:00 AM	115200.000	116.888	19.238	266.425	34552.293	38825.203	24.938	26.401
28.942	1.017	14.778						
11/4/2016 6:15:00 AM	116100.000	116.892	19.237	266.433	34547.258	38820.203	24.935	26.398
28.946	1.017	14.775						
11/4/2016 6:30:00 AM	117000.000	116.890	19.237	266.428	34563.379	38838.680	24.948	26.410
28.932	1.017	14.776						
11/4/2016 6:45:00 AM	117900.000	116.892	19.237	266.433	34544.137	38817.125	24.933	26.396
28.948	1.017	14.774						
11/4/2016 7:00:00 AM	118800.000	116.893	19.238	266.434	34551.648	38824.410	24.938	26.401
28.942	1.017	14.774						
11/4/2016 7:15:00 AM	119700.000	116.894	19.237	266.438	34558.781	38833.297	24.944	26.407
28.936	1.017	14.772						
11/4/2016 7:30:00 AM	120600.000	116.897	19.236	266.445	34547.445	38821.066	24.935	26.398
28.946	1.017	14.769						
11/4/2016 7:45:00 AM	121500.000	116.902	19.237	266.456	34561.324	38835.930	24.946	26.408
28.934	1.017	14.768						
11/4/2016 8:00:00 AM	122400.000	116.911	19.237	266.477	34528.785	38799.297	24.920	26.384
28.961	1.017	14.774						
11/4/2016 8:15:00 AM	123300.000	116.899	19.238	266.448	34546.691	38819.195	24.934	26.397
28.946	1.017	14.778						
11/4/2016 8:30:00 AM	124200.000	116.909	19.238	266.472	34550.992	38823.895	24.938	26.400
28.943	1.017	14.770						
11/4/2016 8:45:00 AM	125100.000	116.902	19.237	266.455	34545.598	38818.336	24.934	26.396
28.947	1.017	14.775						
11/4/2016 9:00:00 AM	126000.000	116.914	19.237	266.483	34535.824	38807.277	24.926	26.389
28.955	1.017	14.771						
11/4/2016 9:15:00 AM	126900.000	116.900	19.237	266.450	34542.113	38814.422	24.931	26.394
28.950	1.017	14.786						
11/4/2016 9:30:00 AM	127800.000	116.902	19.237	266.456	34555.766	38829.617	24.942	26.404

28.939	1.017	14.783						
11/4/2016 9:45:00 AM	128700.000	116.919	19.236	266.495	34533.758	38805.617	24.925	26.388
28.957	1.017	14.775						
11/4/2016 10:00:00 AM	129600.000	116.926	19.237	266.511	34529.660	38800.348	24.921	26.384
28.961	1.017	14.780						
11/4/2016 10:15:00 AM	130500.000	116.918	19.237	266.493	34558.680	38833.184	24.944	26.407
28.936	1.017	14.782						
11/4/2016 10:30:00 AM	131400.000	116.926	19.237	266.511	34576.352	38852.895	24.958	26.420
28.922	1.017	14.782						
11/4/2016 10:45:00 AM	132300.000	116.927	19.237	266.513	34550.676	38823.828	24.937	26.400
28.943	1.017	14.787						
11/4/2016 11:00:00 AM	133200.000	116.928	19.237	266.515	34575.281	38851.836	24.957	26.419
28.922	1.017	14.785						
11/4/2016 11:15:00 AM	134100.000	116.923	19.238	266.503	34551.301	38824.375	24.938	26.401
28.942	1.017	14.786						
11/4/2016 11:30:00 AM	135000.000	116.937	19.237	266.536	34537.637	38809.691	24.927	26.391
28.954	1.017	14.785						
11/4/2016 11:45:00 AM	135900.000	116.942	19.237	266.547	34565.578	38840.711	24.949	26.412
28.931	1.017	14.785						
11/4/2016 12:00:00 PM	136800.000	116.937	19.237	266.536	34548.066	38821.410	24.936	26.399
28.945	1.017	14.790						
11/4/2016 12:15:00 PM	137700.000	116.940	19.237	266.543	34542.059	38814.723	24.931	26.394
28.950	1.017	14.785						
11/4/2016 12:30:00 PM	138600.000	116.959	19.237	266.585	34529.074	38799.770	24.920	26.384
28.961	1.017	14.782						
11/4/2016 12:45:00 PM	139500.000	116.963	19.238	266.595	34559.461	38833.543	24.944	26.407
28.936	1.017	14.779						
11/4/2016 1:00:00 PM	140400.000	116.974	19.237	266.619	34558.297	38832.906	24.944	26.406
28.937	1.017	14.773						
11/4/2016 1:15:00 PM	141300.000	116.963	19.237	266.594	34572.445	38848.504	24.955	26.417
28.925	1.017	14.775						
11/4/2016 1:30:00 PM	142200.000	116.971	19.237	266.614	34562.945	38837.906	24.947	26.410
28.933	1.017	14.779						
11/4/2016 1:45:00 PM	143100.000	116.972	19.237	266.615	34550.105	38823.188	24.937	26.400
28.943	1.017	14.775						
11/4/2016 2:00:00 PM	144000.000	116.982	19.237	266.639	34564.645	38839.660	24.949	26.411
28.931	1.017	14.778						
11/4/2016 2:15:00 PM	144900.000	116.983	19.236	266.641	34564.473	38840.133	24.949	26.411
28.931	1.017	14.778						
11/4/2016 2:30:00 PM	145800.000	116.984	19.238	266.643	34552.004	38825.164	24.938	26.401
28.942	1.017	14.778						
11/4/2016 2:45:00 PM	146700.000	116.990	19.237	266.657	34558.793	38833.020	24.944	26.406
28.936	1.017	14.774						
11/4/2016 3:00:00 PM	147600.000	116.987	19.237	266.650	34552.754	38826.676	24.939	26.402
28.941	1.017	14.778						
11/4/2016 3:15:00 PM	148500.000	116.992	19.237	266.661	34556.961	38831.027	24.943	26.405
28.938	1.017	14.776						
11/4/2016 3:30:00 PM	149400.000	116.984	19.237	266.642	34547.281	38820.305	24.935	26.398
28.946	1.017	14.778						
11/4/2016 3:45:00 PM	150300.000	116.988	19.238	266.651	34559.023	38833.055	24.944	26.406
28.936	1.017	14.775						
11/4/2016 4:00:00 PM	151200.000	116.987	19.237	266.650	34557.270	38831.813	24.943	26.406
28.937	1.017	14.777						
11/4/2016 4:15:00 PM	152100.000	116.979	19.236	266.631	34547.863	38821.539	24.936	26.399
28.945	1.017	14.780						
11/4/2016 4:30:00 PM	153000.000	116.974	19.237	266.620	34556.996	38831.289	24.943	26.405
28.938	1.017	14.779						
11/4/2016 4:45:00 PM	153900.000	116.981	19.238	266.636	34562.582	38837.051	24.947	26.409
28.933	1.017	14.776						
11/4/2016 5:00:00 PM	154800.000	116.967	19.237	266.603	34558.953	38833.645	24.944	26.407
28.936	1.017	14.778						
11/4/2016 5:15:00 PM	155700.000	116.965	19.237	266.600	34553.582	38827.527	24.940	26.403
28.941	1.017	14.780						
11/4/2016 5:30:00 PM	156600.000	116.970	19.237	266.610	34561.641	38836.508	24.946	26.409
28.934	1.017	14.780						
11/4/2016 5:45:00 PM	157500.000	116.965	19.237	266.599	34522.336	38792.703	24.915	26.379
28.967	1.017	14.774						
11/4/2016 6:00:00 PM	158400.000	116.961	19.237	266.590	34529.934	38800.957	24.921	26.385
28.960	1.017	14.777						
11/4/2016 6:15:00 PM	159300.000	116.947	19.237	266.559	34536.313	38808.410	24.927	26.390
28.955	1.017	14.774						
11/4/2016 6:30:00 PM	160200.000	116.932	19.237	266.523	34564.871	38840.070	24.949	26.411
28.931	1.017	14.775						
11/4/2016 6:45:00 PM	161100.000	116.936	19.237	266.533	34551.957	38825.781	24.939	26.402
28.942	1.017	14.778						
11/4/2016 7:00:00 PM	162000.000	116.922	19.236	266.502	34539.828	38812.438	24.929	26.392
28.952	1.017	14.775						
11/4/2016 7:15:00 PM	162900.000	116.920	19.237	266.498	34554.023	38827.949	24.940	26.403
28.940	1.017	14.776						
11/4/2016 7:30:00 PM	163800.000	116.898	19.238	266.448	34545.188	38817.078	24.933	26.396
28.948	1.017	14.778						
11/4/2016 7:45:00 PM	164700.000	116.911	19.237	266.477	34541.320	38813.891	24.930	26.393
28.951	1.017	14.776						
11/4/2016 8:00:00 PM	165600.000	116.889	19.237	266.425	34571.609	38848.074	24.955	26.417
28.925	1.017	14.781						
11/4/2016 8:15:00 PM	166500.000	116.883	19.237	266.412	34547.355	38820.609	24.935	26.398
28.946	1.017	14.773						
11/4/2016 8:30:00 PM	167400.000	116.877	19.236	266.398	34537.402	38809.781	24.927	26.391
28.954	1.017	14.776						
11/4/2016 8:45:00 PM	168300.000	116.866	19.237	266.373	34554.281	38828.016	24.940	26.403
28.940	1.017	14.782						
11/4/2016 9:00:00 PM	169200.000	116.871	19.236	266.386	34536.441	38808.988	24.927	26.390
28.955	1.017	14.781						
11/4/2016 9:15:00 PM	170100.000	116.863	19.236	266.366	34537.402	38809.781	24.927	26.391
28.954	1.017	14.780						
11/4/2016 9:30:00 PM	171000.000	116.839	19.235	266.312	34541.445	38815.410	24.931	26.394
28.951	1.017	14.786						
11/4/2016 9:45:00 PM	171900.000	116.856	19.237	266.351	34526.496	38797.305	24.919	26.382
28.963	1.017	14.782						
11/4/2016 10:00:00 PM	172800.000	116.831	19.236	266.294	34532.910	38804.809	24.924	26.387
28.958	1.017	14.784						
11/4/2016 10:15:00 PM	173700.000	116.835	19.236	266.303	34529.297	38800.676	24.921	26.384
28.961	1.017	14.780						
11/4/2016 10:30:00 PM	174600.000	116.831	19.237	266.293	34526.395	38797.266	24.919	26.382
28.963	1.017	14.787						
11/4/2016 10:45:00 PM	175500.000	116.815	19.236	266.258	34501.465	38769.328	24.899	26.363
28.984	1.017	14.792						
11/4/2016 11:00:00 PM	176400.000	116.815	19.236	266.256	34543.762	38817.004	24.933	26.396
28.949	1.017	14.792						
11/4/2016 11:15:00 PM	177300.000	116.810	19.238	266.246	34544.016	38816.188	24.932	26.395
28.949	1.017	14.795						
11/4/2016 11:30:00 PM	178200.000	116.813	19.236	266.253	34529.324	38801.281	24.921	26.385
28.961	1.017	14.791						
11/4/2016 11:45:00 PM	179100.000	116.798	19.237	266.220	34552.367	38826.242	24.939	26.402
28.942	1.017	14.794						
11/5/2016 12:00:00 AM	180000.000	116.797	19.236	266.216	34529.797	38801.523	24.922	26.385
28.960	1.017	14.795						
11/5/2016 12:15:00 AM	180900.000	116.793	19.237	266.207	34515.773	38784.898	24.910	26.374
28.972	1.017	14.795						
11/5/2016 12:30:00 AM	181800.000	116.809	19.237	266.243	34539.766	38812.215	24.929	26.392
28.952	1.017	14.796						
11/5/2016 12:45:00 AM	182700.000	116.803	19.236	266.229	34566.344	38842.379	24.951	26.413
28.930	1.017	14.793						
11/5/2016 1:00:00 AM	183600.000	116.814	19.236	266.255	34525.738	38796.605	24.918	26.382
28.964	1.017	14.781						
11/5/2016 1:15:00 AM	184500.000	116.811	19.236	266.249	34545.973	38819.488	24.934	26.397
28.947	1.017	14.784						
11/5/2016 1:30:00 AM	185400.000	116.805	19.237	266.234	34537.691	38809.883	24.928	26.391
28.954	1.017	14.793						
11/5/2016 1:45:00 AM	186300.000	116.808	19.237	266.241	34544.781	38817.641	24.933	26.396
28.948	1.017	14.788						
11/5/2016 2:00:00 AM	187200.000	116.816	19.237	266.259	34563.973	38839.129	24.948	26.411
28.932	1.017	14.785						

11/5/2016 2:15:00 AM	188100.000	116.810	19.236	266.245	34549.336	38823.266	24.937	26.400
28.944	1.017	14.786						
11/5/2016 2:30:00 AM	189000.000	116.816	19.238	266.260	34555.211	38828.844	24.941	26.404
28.939	1.017	14.781						
11/5/2016 2:45:00 AM	189900.000	116.825	19.237	266.280	34548.355	38821.867	24.936	26.399
28.945	1.017	14.783						
11/5/2016 3:00:00 AM	190800.000	116.835	19.236	266.304	34558.652	38833.590	24.944	26.407
28.936	1.017	14.781						
11/5/2016 3:15:00 AM	191700.000	116.831	19.237	266.294	34555.848	38830.285	24.942	26.405
28.939	1.017	14.785						
11/5/2016 3:30:00 AM	192600.000	116.852	19.237	266.342	34558.395	38832.570	24.944	26.406
28.937	1.017	14.783						
11/5/2016 3:45:00 AM	193500.000	116.841	19.237	266.318	34525.563	38795.969	24.918	26.381
28.964	1.017	14.788						
11/5/2016 4:00:00 AM	194400.000	116.847	19.237	266.330	34543.176	38816.047	24.932	26.395
28.949	1.017	14.789						
11/5/2016 4:15:00 AM	195300.000	116.849	19.237	266.336	34537.227	38808.930	24.927	26.390
28.954	1.017	14.785						
11/5/2016 4:30:00 AM	196200.000	116.856	19.237	266.351	34521.691	38791.980	24.915	26.379
28.967	1.017	14.778						
11/5/2016 4:45:00 AM	197100.000	116.861	19.238	266.363	34532.117	38802.688	24.922	26.386
28.959	1.017	14.774						
11/5/2016 5:00:00 AM	198000.000	116.866	19.237	266.373	34529.832	38800.918	24.921	26.385
28.960	1.017	14.773						
11/5/2016 5:15:00 AM	198900.000	116.870	19.237	266.383	34516.063	38785.578	24.910	26.374
28.972	1.017	14.769						
11/5/2016 5:30:00 AM	199800.000	116.872	19.237	266.387	34558.402	38833.086	24.944	26.406
28.937	1.017	14.770						
11/5/2016 5:45:00 AM	200700.000	116.878	19.238	266.400	34534.734	38805.762	24.925	26.388
28.956	1.017	14.769						
11/5/2016 6:00:00 AM	201600.000	116.875	19.237	266.395	34542.438	38814.570	24.931	26.394
28.950	1.017	14.767						
11/5/2016 6:15:00 AM	202500.000	116.880	19.238	266.406	34566.195	38841.051	24.950	26.412
28.930	1.017	14.771						
11/5/2016 6:30:00 AM	203400.000	116.875	19.237	266.393	34559.141	38834.063	24.945	26.407
28.936	1.017	14.773						
11/5/2016 6:45:00 AM	204300.000	116.882	19.238	266.411	34555.570	38829.172	24.941	26.404
28.939	1.017	14.772						
11/5/2016 7:00:00 AM	205200.000	116.889	19.237	266.425	34559.363	38833.727	24.945	26.407
28.936	1.017	14.771						
11/5/2016 7:15:00 AM	206100.000	116.891	19.236	266.430	34535.496	38807.641	24.926	26.389
28.956	1.017	14.774						
11/5/2016 7:30:00 AM	207000.000	116.893	19.236	266.436	34535.410	38807.543	24.926	26.389
28.956	1.017	14.774						
11/5/2016 7:45:00 AM	207900.000	116.895	19.237	266.439	34571.938	38848.008	24.955	26.417
28.925	1.017	14.770						
11/5/2016 8:00:00 AM	208800.000	116.888	19.237	266.425	34525.324	38795.340	24.917	26.381
28.964	1.017	14.773						
11/5/2016 8:15:00 AM	209700.000	116.892	19.236	266.432	34564.738	38840.430	24.949	26.411
28.931	1.017	14.775						
11/5/2016 8:30:00 AM	210600.000	116.895	19.238	266.440	34520.906	38790.160	24.914	26.377
28.968	1.017	14.771						
11/5/2016 8:45:00 AM	211500.000	116.902	19.236	266.457	34548.516	38822.270	24.936	26.399
28.945	1.017	14.774						
11/5/2016 9:00:00 AM	212400.000	116.898	19.237	266.447	34525.230	38795.371	24.917	26.381
28.964	1.017	14.769						
11/5/2016 9:15:00 AM	213300.000	116.910	19.237	266.474	34538.207	38810.465	24.928	26.391
28.953	1.017	14.767						
11/5/2016 9:30:00 AM	214200.000	116.917	19.237	266.490	34547.809	38821.043	24.935	26.398
28.945	1.017	14.769						
11/5/2016 9:45:00 AM	215100.000	116.914	19.237	266.484	34551.188	38824.691	24.938	26.401
28.943	1.017	14.775						
11/5/2016 10:00:00 AM	216000.000	116.912	19.237	266.478	34545.402	38818.262	24.934	26.396
28.947	1.017	14.786						
11/5/2016 10:15:00 AM	216900.000	116.917	19.237	266.490	34536.273	38807.859	24.926	26.389
28.955	1.017	14.774						
11/5/2016 10:30:00 AM	217800.000	116.914	19.237	266.483	34546.270	38819.598	24.934	26.397
28.947	1.017	14.774						
11/5/2016 10:45:00 AM	218700.000	116.905	19.238	266.463	34532.641	38803.484	24.923	26.386
28.958	1.017	14.781						
11/5/2016 11:00:00 AM	219600.000	116.919	19.238	266.494	34527.637	38797.785	24.919	26.382
28.962	1.017	14.779						
11/5/2016 11:15:00 AM	220500.000	116.921	19.237	266.500	34534.746	38806.363	24.925	26.388
28.956	1.017	14.785						
11/5/2016 11:30:00 AM	221400.000	116.917	19.237	266.490	34560.141	38835.184	24.946	26.408
28.935	1.017	14.786						
11/5/2016 11:45:00 AM	222300.000	116.934	19.236	266.529	34536.285	38808.602	24.927	26.390
28.955	1.017	14.780						
11/5/2016 12:00:00 PM	223200.000	116.932	19.237	266.524	34546.961	38819.867	24.935	26.398
28.946	1.017	14.786						
11/5/2016 12:15:00 PM	224100.000	116.932	19.236	266.524	34545.715	38819.121	24.934	26.397
28.947	1.017	14.785						
11/5/2016 12:30:00 PM	225000.000	116.939	19.237	266.541	34554.762	38828.555	24.941	26.403
28.940	1.017	14.784						
11/5/2016 12:45:00 PM	225900.000	116.943	19.237	266.550	34545.801	38818.641	24.934	26.397
28.947	1.017	14.780						
11/5/2016 1:00:00 PM	226800.000	116.953	19.237	266.571	34564.188	38839.227	24.948	26.411
28.932	1.017	14.778						
11/5/2016 1:15:00 PM	227700.000	116.941	19.237	266.544	34550.750	38824.203	24.938	26.400
28.943	1.017	14.780						
11/5/2016 1:30:00 PM	228600.000	116.963	19.237	266.596	34546.629	38819.348	24.934	26.397
28.946	1.017	14.781						
11/5/2016 1:45:00 PM	229500.000	116.957	19.236	266.582	34559.211	38834.508	24.945	26.407
28.936	1.017	14.780						
11/5/2016 2:00:00 PM	230400.000	116.967	19.237	266.603	34532.852	38804.012	24.923	26.387
28.958	1.017	14.778						
11/5/2016 2:15:00 PM	231300.000	116.969	19.237	266.608	34544.359	38816.867	24.933	26.395
28.948	1.017	14.780						
11/5/2016 2:30:00 PM	232200.000	116.956	19.237	266.579	34549.133	38822.531	24.937	26.399
28.944	1.017	14.784						
11/5/2016 2:45:00 PM	233100.000	116.967	19.237	266.603	34565.160	38840.238	24.949	26.411
28.931	1.017	14.773						
11/5/2016 3:00:00 PM	234000.000	116.983	19.238	266.640	34554.949	38828.414	24.941	26.403
28.939	1.017	14.773						
11/5/2016 3:15:00 PM	234900.000	116.967	19.236	266.605	34555.512	38830.352	24.942	26.405
28.939	1.017	14.779						
11/5/2016 3:30:00 PM	235800.000	116.979	19.236	266.631	34546.332	38819.746	24.935	26.397
28.947	1.017	14.778						
11/5/2016 3:45:00 PM	236700.000	116.982	19.237	266.637	34538.516	38810.676	24.928	26.391
28.953	1.017	14.772						
11/5/2016 4:00:00 PM	237600.000	116.975	19.237	266.621	34544.102	38816.578	24.932	26.395
28.949	1.017	14.775						
11/5/2016 4:15:00 PM	238500.000	116.979	19.237	266.630	34537.070	38809.188	24.927	26.390
28.954	1.017	14.773						
11/5/2016 4:30:00 PM	239400.000	116.972	19.236	266.615	34531.672	38803.344	24.923	26.386
28.959	1.017	14.779						
11/5/2016 4:45:00 PM	240300.000	116.963	19.237	266.595	34535.672	38807.258	24.926	26.389
28.956	1.017	14.777						
11/5/2016 5:00:00 PM	241200.000	116.977	19.238	266.626	34547.680	38820.242	24.935	26.398
28.946	1.017	14.774						
11/5/2016 5:15:00 PM	242100.000	116.978	19.237	266.630	34550.918	38824.676	24.938	26.401
28.943	1.017	14.769						
11/5/2016 5:30:00 PM	243000.000	116.969	19.237	266.609	34535.941	38807.707	24.926	26.389
28.955	1.017	14.765						
11/5/2016 5:45:00 PM	243900.000	116.979	19.237	266.631	34544.605	38817.582	24.933	26.396
28.948	1.017	14.767						
11/5/2016 6:00:00 PM	244800.000	116.958	19.237	266.583	34561.488	38836.336	24.946	26.409
28.934	1.017	14.767						
11/5/2016 6:15:00 PM	245700.000	116.966	19.237	266.601	34541.094	38813.707	24.930	26.393
28.951	1.017	14.760						
11/5/2016 6:30:00 PM	246600.000	116.960	19.237	266.587	34533.395	38804.477	24.924	26.387
28.957	1.017	14.759						
11/5/2016 6:45:00 PM	247500.000	116.949	19.236	266.563	34556.414	38831.805	24.943	26.406

28.938	1.017	14.757						
11/5/2016 7:00:00 PM	248400.000	116.942	19.236	266.546	34558.094	38832.965	24.944	26.406
28.937	1.017	14.767						
11/5/2016 7:15:00 PM	249300.000	116.934	19.238	266.530	34526.801	38796.922	24.918	26.382
28.963	1.017	14.763						
11/5/2016 7:30:00 PM	250200.000	116.934	19.237	266.529	34531.500	38802.926	24.923	26.386
28.959	1.017	14.757						
11/5/2016 7:45:00 PM	251100.000	116.923	19.237	266.504	34540.957	38813.484	24.930	26.393
28.951	1.017	14.763						
11/5/2016 8:00:00 PM	252000.000	116.918	19.237	266.492	34525.902	38796.125	24.918	26.381
28.964	1.017	14.759						
11/5/2016 8:15:00 PM	252900.000	116.911	19.236	266.476	34562.641	38838.074	24.948	26.410
28.933	1.017	14.766						
11/5/2016 8:30:00 PM	253800.000	116.890	19.236	266.428	34532.625	38804.637	24.924	26.387
28.958	1.017	14.764						
11/5/2016 8:45:00 PM	254700.000	116.897	19.237	266.444	34542.223	38814.328	24.931	26.394
28.950	1.017	14.755						
11/5/2016 9:00:00 PM	255600.000	116.879	19.236	266.403	34537.617	38810.754	24.928	26.391
28.954	1.017	14.764						
11/5/2016 9:15:00 PM	256500.000	116.885	19.237	266.416	34536.809	38808.891	24.927	26.390
28.955	1.017	14.759						
11/5/2016 9:30:00 PM	257400.000	116.882	19.237	266.410	34529.738	38801.023	24.921	26.385
28.961	1.017	14.759						
11/5/2016 9:45:00 PM	258300.000	116.873	19.236	266.389	34550.941	38825.434	24.939	26.401
28.943	1.017	14.761						
11/5/2016 10:00:00 PM	259200.000	116.847	19.236	266.331	34538.160	38810.633	24.928	26.391
28.953	1.017	14.767						
11/5/2016 10:15:00 PM	260100.000	116.846	19.237	266.328	34547.121	38820.270	24.935	26.398
28.946	1.017	14.766						
11/5/2016 10:30:00 PM	261000.000	116.843	19.236	266.321	34515.926	38785.934	24.911	26.374
28.972	1.017	14.769						
11/5/2016 10:45:00 PM	261900.000	116.832	19.236	266.297	34530.434	38802.238	24.922	26.386
28.960	1.017	14.770						
11/5/2016 11:00:00 PM	262800.000	116.824	19.236	266.277	34542.488	38815.934	24.932	26.395
28.950	1.017	14.774						
11/5/2016 11:15:00 PM	263700.000	116.819	19.236	266.267	34551.070	38825.070	24.938	26.401
28.943	1.017	14.776						
11/5/2016 11:30:00 PM	264600.000	116.826	19.236	266.283	34513.793	38783.539	24.909	26.373
28.974	1.017	14.772						
11/5/2016 11:45:00 PM	265500.000	116.822	19.236	266.273	34535.117	38807.363	24.926	26.389
28.956	1.017	14.768						
11/6/2016 12:00:00 AM	266400.000	116.806	19.236	266.236	34547.805	38822.133	24.936	26.399
28.945	1.017	14.769						
11/6/2016 12:15:00 AM	267300.000	116.808	19.236	266.243	34517.074	38786.871	24.911	26.375
28.971	1.017	14.767						
11/6/2016 12:30:00 AM	268200.000	116.815	19.236	266.257	34525.023	38796.602	24.918	26.382
28.964	1.017	14.761						
11/6/2016 12:45:00 AM	269100.000	116.795	19.236	266.213	34528.750	38800.719	24.921	26.384
28.961	1.017	14.773						
11/6/2016 1:00:00 AM	270000.000	116.790	19.237	266.201	34530.684	38802.086	24.922	26.385
28.960	1.017	14.772						
11/6/2016 1:15:00 AM	270900.000	116.794	19.236	266.210	34534.512	38806.895	24.925	26.389
28.957	1.017	14.772						
11/6/2016 1:30:00 AM	271800.000	116.805	19.237	266.235	34515.391	38784.395	24.909	26.373
28.973	1.017	14.769						
11/6/2016 1:45:00 AM	272700.000	116.804	19.236	266.232	34545.168	38818.871	24.934	26.397
28.948	1.017	14.771						
11/6/2016 2:00:00 AM	273600.000	116.810	19.237	266.245	34544.348	38817.152	24.933	26.396
28.948	1.017	14.773						
11/6/2016 2:15:00 AM	274500.000	116.799	19.236	266.222	34539.086	38811.750	24.929	26.392
28.953	1.017	14.775						
11/6/2016 2:30:00 AM	275400.000	116.797	19.237	266.217	34531.617	38802.773	24.923	26.386
28.959	1.017	14.775						
11/6/2016 2:45:00 AM	276300.000	116.813	19.238	266.252	34563.332	38837.762	24.947	26.410
28.932	1.017	14.768						
11/6/2016 2:00:00 AM	277200.000	116.805	19.236	266.235	34534.535	38806.711	24.925	26.389
28.957	1.017	14.775						
11/6/2016 2:15:00 AM	278100.000	116.824	19.236	266.279	34540.777	38813.504	24.930	26.393
28.951	1.017	14.771						
11/6/2016 2:30:00 AM	279000.000	116.819	19.237	266.266	34532.969	38804.000	24.923	26.387
28.958	1.017	14.773						
11/6/2016 2:45:00 AM	279900.000	116.824	19.237	266.278	34527.371	38798.285	24.919	26.383
28.963	1.017	14.776						
11/6/2016 3:00:00 AM	280800.000	116.823	19.237	266.275	34548.660	38821.633	24.936	26.399
28.945	1.017	14.773						
11/6/2016 3:15:00 AM	281700.000	116.826	19.238	266.281	34547.332	38819.992	24.935	26.398
28.946	1.017	14.774						
11/6/2016 3:30:00 AM	282600.000	116.832	19.237	266.296	34550.801	38824.543	24.938	26.401
28.943	1.017	14.769						
11/6/2016 3:45:00 AM	283500.000	116.840	19.236	266.314	34575.180	38852.453	24.958	26.420
28.922	1.017	14.773						
11/6/2016 4:00:00 AM	284400.000	116.839	19.237	266.313	34567.895	38843.691	24.952	26.414
28.929	1.017	14.767						
11/6/2016 4:15:00 AM	285300.000	116.854	19.238	266.346	34553.281	38826.469	24.939	26.402
28.941	1.017	14.757						
11/6/2016 4:30:00 AM	286200.000	116.856	19.236	266.350	34546.563	38820.074	24.935	26.398
28.946	1.017	14.763						
11/6/2016 4:45:00 AM	287100.000	116.864	19.236	266.369	34531.945	38803.801	24.923	26.387
28.959	1.017	14.763						
11/6/2016 5:00:00 AM	288000.000	116.849	19.237	266.334	34553.488	38827.563	24.940	26.403
28.941	1.017	14.770						
11/6/2016 5:15:00 AM	288900.000	116.854	19.237	266.347	34536.219	38808.305	24.926	26.390
28.955	1.017	14.771						
11/6/2016 5:30:00 AM	289800.000	116.871	19.237	266.384	34527.656	38798.535	24.919	26.383
28.962	1.017	14.768						
11/6/2016 5:45:00 AM	290700.000	116.872	19.236	266.388	34546.098	38819.840	24.935	26.397
28.947	1.017	14.765						
11/6/2016 6:00:00 AM	291600.000	116.879	19.237	266.402	34539.398	38811.730	24.929	26.392
28.952	1.017	14.764						
11/6/2016 6:15:00 AM	292500.000	116.865	19.236	266.372	34558.543	38833.539	24.944	26.407
28.936	1.017	14.777						
11/6/2016 6:30:00 AM	293400.000	116.869	19.237	266.380	34579.266	38856.023	24.960	26.422
28.919	1.017	14.773						
11/6/2016 6:45:00 AM	294300.000	116.898	19.237	266.447	34548.941	38822.391	24.936	26.399
28.944	1.017	14.769						
11/6/2016 7:00:00 AM	295200.000	116.887	19.236	266.421	34558.008	38832.938	24.944	26.406
28.937	1.017	14.771						
11/6/2016 7:15:00 AM	296100.000	116.890	19.237	266.428	34538.445	38810.375	24.928	26.391
28.953	1.017	14.777						
11/6/2016 7:30:00 AM	297000.000	116.898	19.237	266.446	34528.441	38799.418	24.920	26.384
28.962	1.017	14.779						
11/6/2016 7:45:00 AM	297900.000	116.894	19.236	266.437	34533.207	38805.289	24.924	26.388
28.958	1.017	14.772						
11/6/2016 8:00:00 AM	298800.000	116.887	19.236	266.421	34542.867	38816.000	24.932	26.395
28.950	1.017	14.783						
11/6/2016 8:15:00 AM	299700.000	116.894	19.237	266.438	34532.648	38803.859	24.923	26.387
28.958	1.017	14.778						
11/6/2016 8:30:00 AM	300600.000	116.893	19.237	266.436	34533.102	38804.371	24.924	26.387
28.958	1.017	14.782						
11/6/2016 8:45:00 AM	301500.000	116.897	19.237	266.443	34539.488	38811.770	24.929	26.392
28.952	1.017	14.784						
11/6/2016 9:00:00 AM	302400.000	116.887	19.236	266.422	34571.063	38847.605	24.954	26.416
28.926	1.017	14.790						
11/6/2016 9:15:00 AM	303300.000	116.895	19.238	266.439	34545.402	38817.684	24.933	26.396
28.947	1.017	14.785						
11/6/2016 9:30:00 AM	304200.000	116.898	19.237	266.447	34552.422	38826.227	24.939	26.402
28.942	1.017	14.793						
11/6/2016 9:45:00 AM	305100.000	116.904	19.237	266.461	34538.395	38810.242	24.928	26.391
28.953	1.017	14.785						
11/6/2016 10:00:00 AM	306000.000	116.908	19.236	266.470	34542.215	38815.695	24.932	26.395
28.950	1.017	14.783						
11/6/2016 10:15:00 AM	306900.000	116.902	19.237	266.456	34544.242	38817.320	24.933	26.396
28.948	1.017	14.786						

11/6/2016 10:30:00 AM	307800.000	116.903	19.237	266.457	34539.234	38810.969	24.928	26.391
28.953	1.017	14.785						
11/6/2016 10:45:00 AM	308700.000	116.899	19.237	266.449	34563.516	38838.254	24.948	26.410
28.932	1.017	14.791						
11/6/2016 11:00:00 AM	309600.000	116.911	19.236	266.476	34544.758	38818.047	24.933	26.396
28.948	1.017	14.795						
11/6/2016 11:15:00 AM	310500.000	116.909	19.237	266.471	34532.125	38803.496	24.923	26.386
28.959	1.017	14.788						
11/6/2016 11:30:00 AM	311400.000	116.908	19.237	266.470	34548.336	38821.266	24.936	26.398
28.945	1.017	14.789						
11/6/2016 11:45:00 AM	312300.000	116.918	19.237	266.493	34552.578	38826.688	24.939	26.402
28.941	1.017	14.784						
11/6/2016 12:00:00 PM	313200.000	116.912	19.236	266.479	34566.348	38842.383	24.951	26.413
28.930	1.017	14.783						
11/6/2016 12:15:00 PM	314100.000	116.926	19.237	266.510	34570.547	38846.516	24.954	26.416
28.926	1.017	14.778						
11/6/2016 12:30:00 PM	315000.000	116.913	19.237	266.480	34548.434	38821.379	24.936	26.399
28.945	1.017	14.787						
11/6/2016 12:45:00 PM	315900.000	116.928	19.237	266.515	34530.672	38801.863	24.922	26.385
28.960	1.017	14.783						
11/6/2016 1:00:00 PM	316800.000	116.925	19.236	266.509	34556.086	38831.355	24.943	26.405
28.938	1.017	14.782						
11/6/2016 1:15:00 PM	317700.000	116.930	19.236	266.520	34516.422	38786.781	24.911	26.375
28.972	1.017	14.785						
11/6/2016 1:30:00 PM	318600.000	116.944	19.237	266.551	34526.324	38796.824	24.918	26.382
28.963	1.017	14.781						
11/6/2016 1:45:00 PM	319500.000	116.943	19.237	266.549	34523.430	38793.648	24.916	26.380
28.966	1.017	14.777						
11/6/2016 2:00:00 PM	320400.000	116.947	19.237	266.558	34540.609	38813.238	24.930	26.393
28.951	1.017	14.775						
11/6/2016 2:15:00 PM	321300.000	116.942	19.238	266.546	34561.156	38835.387	24.946	26.408
28.934	1.017	14.781						
11/6/2016 2:30:00 PM	322200.000	116.949	19.237	266.563	34529.551	38800.813	24.921	26.385
28.961	1.017	14.778						
11/6/2016 2:45:00 PM	323100.000	116.944	19.236	266.551	34539.355	38812.051	24.929	26.392
28.952	1.017	14.782						
11/6/2016 3:00:00 PM	324000.000	116.950	19.237	266.564	34537.082	38809.129	24.927	26.390
28.954	1.017	14.778						
11/6/2016 3:15:00 PM	324900.000	116.948	19.237	266.562	34573.750	38849.891	24.956	26.418
28.924	1.017	14.779						
11/6/2016 3:30:00 PM	325800.000	116.954	19.237	266.575	34560.188	38835.238	24.946	26.408
28.935	1.017	14.778						
11/6/2016 3:45:00 PM	326700.000	116.956	19.236	266.579	34552.871	38827.316	24.940	26.403
28.941	1.017	14.782						
11/6/2016 4:00:00 PM	327600.000	116.950	19.237	266.565	34545.410	38818.633	24.934	26.397
28.947	1.017	14.785						
11/6/2016 4:15:00 PM	328500.000	116.952	19.236	266.569	34533.652	38805.719	24.925	26.388
28.957	1.017	14.784						
11/6/2016 4:30:00 PM	329400.000	116.960	19.237	266.587	34573.168	38849.316	24.956	26.418
28.924	1.017	14.780						
11/6/2016 4:45:00 PM	330300.000	116.945	19.237	266.554	34542.000	38814.594	24.931	26.394
28.950	1.017	14.785						
11/6/2016 5:00:00 PM	331200.000	116.948	19.237	266.559	34572.531	38848.746	24.955	26.417
28.925	1.017	14.785						
11/6/2016 5:15:00 PM	332100.000	116.947	19.235	266.558	34528.051	38800.215	24.921	26.384
28.962	1.017	14.789						
11/6/2016 5:30:00 PM	333000.000	116.947	19.237	266.559	34563.117	38838.383	24.948	26.410
28.933	1.017	14.786						
11/6/2016 5:45:00 PM	333900.000	116.934	19.236	266.529	34531.992	38803.703	24.923	26.387
28.959	1.017	14.796						
11/6/2016 6:00:00 PM	334800.000	116.927	19.236	266.512	34535.645	38808.168	24.926	26.390
28.956	1.017	14.796						
11/6/2016 6:15:00 PM	335700.000	116.931	19.237	266.522	34556.176	38830.523	24.942	26.405
28.938	1.017	14.787						
11/6/2016 6:30:00 PM	336600.000	116.937	19.237	266.536	34563.809	38839.020	24.948	26.411
28.932	1.017	14.790						
11/6/2016 6:45:00 PM	337500.000	116.917	19.236	266.490	34546.910	38820.543	24.935	26.398
28.946	1.017	14.797						
11/6/2016 7:00:00 PM	338400.000	116.917	19.236	266.490	34536.707	38809.508	24.927	26.390
28.955	1.017	14.796						
11/6/2016 7:15:00 PM	339300.000	116.908	19.237	266.470	34523.219	38793.695	24.916	26.380
28.966	1.017	14.798						
11/6/2016 7:30:00 PM	340200.000	116.902	19.236	266.456	34545.117	38818.602	24.934	26.397
28.948	1.017	14.796						
11/6/2016 7:45:00 PM	341100.000	116.887	19.236	266.421	34535.629	38808.074	24.926	26.389
28.956	1.017	14.803						
11/6/2016 8:00:00 PM	342000.000	116.886	19.237	266.420	34533.438	38805.102	24.924	26.387
28.957	1.017	14.794						
11/6/2016 8:15:00 PM	342900.000	116.885	19.236	266.417	34535.184	38807.289	24.926	26.389
28.956	1.017	14.791						
11/6/2016 8:30:00 PM	343800.000	116.869	19.236	266.380	34554.184	38829.078	24.941	26.404
28.940	1.017	14.793						
11/6/2016 8:45:00 PM	344700.000	116.857	19.237	266.353	34550.480	38824.328	24.938	26.401
28.943	1.017	14.794						
11/6/2016 9:00:00 PM	345600.000	116.852	19.236	266.342	34539.023	38811.891	24.929	26.392
28.953	1.017	14.792						
11/6/2016 9:15:00 PM	346500.000	116.843	19.235	266.321	34536.918	38810.039	24.928	26.391
28.955	1.017	14.792						
11/6/2016 9:30:00 PM	347400.000	116.849	19.236	266.334	34561.004	38836.379	24.946	26.409
28.934	1.017	14.785						
11/6/2016 9:45:00 PM	348300.000	116.834	19.236	266.300	34534.613	38806.648	24.925	26.389
28.956	1.017	14.782						
11/6/2016 10:00:00 PM	349200.000	116.832	19.236	266.296	34537.469	38810.219	24.928	26.391
28.954	1.017	14.783						
11/6/2016 10:15:00 PM	350100.000	116.826	19.236	266.283	34547.375	38821.063	24.935	26.398
28.946	1.017	14.788						
11/6/2016 10:30:00 PM	351000.000	116.813	19.236	266.252	34528.109	38799.414	24.920	26.384
28.962	1.017	14.794						
11/6/2016 10:45:00 PM	351900.000	116.817	19.235	266.262	34543.961	38818.094	24.933	26.396
28.949	1.017	14.787						
11/6/2016 11:00:00 PM	352800.000	116.813	19.237	266.253	34529.637	38800.906	24.921	26.385
28.961	1.017	14.791						
11/6/2016 11:15:00 PM	353700.000	116.811	19.236	266.249	34527.609	38799.000	24.920	26.383
28.962	1.017	14.789						
11/6/2016 11:30:00 PM	354600.000	116.799	19.236	266.220	34528.738	38800.406	24.921	26.384
28.961	1.017	14.791						
11/6/2016 11:45:00 PM	355500.000	116.803	19.237	266.230	34523.270	38793.754	24.916	26.380
28.966	1.017	14.789						
11/7/2016 12:00:00 AM	356400.000	116.799	19.236	266.221	34544.242	38817.543	24.933	26.396
28.948	1.017	14.789						
11/7/2016 12:15:00 AM	357300.000	116.800	19.236	266.224	34519.637	38790.105	24.913	26.377
28.969	1.017	14.785						
11/7/2016 12:30:00 AM	358200.000	116.802	19.235	266.227	34539.504	38812.945	24.930	26.393
28.952	1.017	14.783						
11/7/2016 12:45:00 AM	359100.000	116.792	19.238	266.205	34529.414	38799.855	24.920	26.384
28.961	1.017	14.790						
11/7/2016 1:00:00 AM	360000.000	116.792	19.236	266.205	34522.715	38793.938	24.916	26.380
28.966	1.017	14.790						
11/7/2016 1:15:00 AM	360900.000	116.809	19.237	266.244	34546.172	38819.488	24.934	26.397
28.947	1.017	14.787						
11/7/2016 1:30:00 AM	361800.000	116.792	19.236	266.206	34532.957	38805.363	24.924	26.388
28.958	1.017	14.793						
11/7/2016 1:45:00 AM	362700.000	116.793	19.236	266.207	34528.621	38799.988	24.921	26.384
28.961	1.017	14.788						
11/7/2016 2:00:00 AM	363600.000	116.799	19.236	266.220	34534.309	38806.457	24.925	26.388
28.957	1.017	14.787						
11/7/2016 2:15:00 AM	364500.000	116.803	19.237	266.229	34555.250	38829.328	24.941	26.404
28.939	1.017	14.786						
11/7/2016 2:30:00 AM	365400.000	116.802	19.236	266.227	34540.590	38813.438	24.930	26.393
28.951	1.017	14.788						
11/7/2016 2:45:00 AM	366300.000	116.808	19.237	266.243	34543.652	38816.004	24.932	26.395
28.949	1.017	14.781						
11/7/2016 3:00:00 AM	367200.000	116.817	19.237	266.263	34554.652	38828.656	24.941	26.403

28.940	1.017	14.787						
11/7/2016 3:15:00 AM	368100.000	116.814	19.237	266.255	34554.395	38828.582	24.941	26.403
28.940	1.017	14.790						
11/7/2016 3:30:00 AM	369000.000	116.824	19.237	266.277	34533.969	38805.777	24.925	26.388
28.957	1.017	14.783						
11/7/2016 3:45:00 AM	369900.000	116.830	19.237	266.292	34540.289	38812.801	24.930	26.393
28.952	1.017	14.788						
11/7/2016 4:00:00 AM	370800.000	116.829	19.237	266.289	34539.309	38811.414	24.929	26.392
28.953	1.017	14.788						
11/7/2016 4:15:00 AM	371700.000	116.829	19.236	266.290	34541.289	38814.148	24.931	26.394
28.951	1.017	14.787						
11/7/2016 4:30:00 AM	372600.000	116.841	19.236	266.316	34539.563	38812.141	24.929	26.392
28.952	1.017	14.795						
11/7/2016 4:45:00 AM	373500.000	116.850	19.236	266.336	34547.063	38820.859	24.935	26.398
28.946	1.017	14.789						
11/7/2016 5:00:00 AM	374400.000	116.857	19.237	266.352	34547.770	38821.074	24.936	26.398
28.945	1.017	14.790						
11/7/2016 5:15:00 AM	375300.000	116.855	19.237	266.348	34528.895	38800.000	24.921	26.384
28.961	1.017	14.792						
11/7/2016 5:30:00 AM	376200.000	116.865	19.237	266.372	34543.152	38816.094	24.932	26.395
28.949	1.017	14.795						
11/7/2016 5:45:00 AM	377100.000	116.865	19.237	266.371	34539.512	38811.930	24.929	26.392
28.952	1.017	14.791						
11/7/2016 6:00:00 AM	378000.000	116.874	19.237	266.393	34547.703	38821.133	24.936	26.398
28.945	1.017	14.795						
11/7/2016 6:15:00 AM	378900.000	116.878	19.237	266.401	34537.070	38809.262	24.927	26.390
28.954	1.017	14.794						
11/7/2016 6:30:00 AM	379800.000	116.889	19.236	266.427	34539.332	38812.027	24.929	26.392
28.952	1.017	14.787						
11/7/2016 6:45:00 AM	380700.000	116.884	19.237	266.415	34551.484	38825.313	24.939	26.401
28.942	1.017	14.788						
11/7/2016 7:00:00 AM	381600.000	116.880	19.237	266.405	34550.551	38824.047	24.938	26.400
28.943	1.017	14.799						
11/7/2016 7:15:00 AM	382500.000	116.895	19.237	266.441	34540.738	38812.949	24.930	26.393
28.951	1.017	14.794						
11/7/2016 7:30:00 AM	383400.000	116.889	19.237	266.427	34540.156	38812.074	24.929	26.392
28.952	1.017	14.802						
11/7/2016 7:45:00 AM	384300.000	116.895	19.236	266.439	34547.863	38821.613	24.936	26.399
28.945	1.017	14.802						
11/7/2016 8:00:00 AM	385200.000	116.902	19.236	266.455	34544.129	38817.270	24.933	26.396
28.948	1.017	14.801						
11/7/2016 8:15:00 AM	386100.000	116.885	19.237	266.417	34536.602	38808.227	24.926	26.390
28.955	1.017	14.806						
11/7/2016 8:30:00 AM	387000.000	116.900	19.237	266.452	34539.996	38812.547	24.929	26.393
28.952	1.017	14.802						
11/7/2016 8:45:00 AM	387900.000	116.899	19.236	266.450	34562.965	38838.656	24.948	26.410
28.933	1.017	14.807						
11/7/2016 9:00:00 AM	388800.000	116.908	19.237	266.469	34560.035	38834.992	24.945	26.408
28.935	1.017	14.800						
11/7/2016 9:15:00 AM	389700.000	116.901	19.236	266.453	34553.043	38827.359	24.940	26.403
28.941	1.017	14.807						
11/7/2016 9:30:00 AM	390600.000	116.896	19.237	266.442	34555.734	38830.160	24.942	26.405
28.939	1.017	14.812						
11/7/2016 9:45:00 AM	391500.000	116.922	19.237	266.501	34536.074	38807.855	24.926	26.389
28.955	1.017	14.793						
11/7/2016 10:00:00 AM	392400.000	116.906	19.236	266.466	34561.598	38837.047	24.947	26.409
28.934	1.017	14.800						
11/7/2016 10:15:00 AM	393300.000	116.911	19.237	266.476	34543.516	38816.141	24.932	26.395
28.949	1.017	14.798						
11/7/2016 10:30:00 AM	394200.000	116.908	19.237	266.470	34530.551	38801.727	24.922	26.385
28.960	1.017	14.798						
11/7/2016 10:45:00 AM	395100.000	116.912	19.237	266.479	34546.230	38819.555	24.934	26.397
28.947	1.017	14.794						
11/7/2016 11:00:00 AM	396000.000	116.909	19.237	266.473	34550.574	38824.359	24.938	26.401
28.943	1.017	14.795						
11/7/2016 11:15:00 AM	396900.000	116.906	19.237	266.466	34550.762	38824.645	24.938	26.401
28.943	1.017	14.791						
11/7/2016 11:30:00 AM	397800.000	116.919	19.236	266.495	34562.402	38837.949	24.947	26.410
28.933	1.017	14.785						
11/7/2016 11:45:00 AM	398700.000	116.914	19.236	266.484	34534.102	38806.223	24.925	26.388
28.957	1.017	14.792						
11/7/2016 12:00:00 PM	399600.000	116.911	19.237	266.475	34550.563	38824.215	24.938	26.400
28.943	1.017	14.787						
11/7/2016 12:15:00 PM	400500.000	116.927	19.236	266.513	34539.637	38812.656	24.930	26.393
28.952	1.017	14.775						
11/7/2016 12:30:00 PM	401400.000	116.924	19.237	266.505	34540.988	38813.301	24.930	26.393
28.951	1.017	14.768						
11/7/2016 12:45:00 PM	402300.000	116.928	19.237	266.516	34555.789	38830.008	24.942	26.404
28.939	1.017	14.772						
11/7/2016 1:00:00 PM	403200.000	116.917	19.237	266.491	34538.422	38810.273	24.928	26.391
28.953	1.017	14.771						
11/7/2016 1:15:00 PM	404100.000	116.926	19.236	266.511	34562.852	38838.664	24.948	26.410
28.933	1.017	14.769						
11/7/2016 1:30:00 PM	405000.000	116.924	19.237	266.505	34550.313	38823.418	24.937	26.400
28.943	1.017	14.773						
11/7/2016 1:45:00 PM	405900.000	116.925	19.237	266.508	34549.809	38823.145	24.937	26.400
28.944	1.017	14.770						
11/7/2016 2:00:00 PM	406800.000	116.941	19.236	266.545	34531.297	38803.141	24.923	26.386
28.959	1.017	14.765						
11/7/2016 2:15:00 PM	407700.000	116.938	19.237	266.539	34533.688	38805.250	24.924	26.388
28.957	1.017	14.768						
11/7/2016 2:30:00 PM	408600.000	116.938	19.236	266.539	34557.012	38831.746	24.943	26.406
28.938	1.017	14.770						
11/7/2016 2:45:00 PM	409500.000	116.943	19.237	266.550	34549.207	38822.754	24.937	26.399
28.944	1.017	14.772						
11/7/2016 3:00:00 PM	410400.000	116.942	19.236	266.546	34530.008	38801.625	24.922	26.385
28.960	1.017	14.772						
11/7/2016 3:15:00 PM	411300.000	116.976	19.237	266.624	34537.898	38810.047	24.928	26.391
28.954	1.017	14.775						
11/7/2016 3:30:00 PM	412200.000	116.946	19.237	266.555	34553.813	38827.930	24.940	26.403
28.940	1.017	14.777						
11/7/2016 3:45:00 PM	413100.000	116.949	19.236	266.564	34542.969	38815.969	24.932	26.395
28.949	1.017	14.777						
11/7/2016 4:00:00 PM	414000.000	116.949	19.236	266.562	34560.555	38835.875	24.946	26.408
28.935	1.017	14.779						
11/7/2016 4:15:00 PM	414900.000	116.952	19.238	266.569	34551.430	38824.457	24.938	26.401
28.942	1.017	14.780						
11/7/2016 4:30:00 PM	415800.000	116.946	19.237	266.557	34555.406	38829.281	24.941	26.404
28.939	1.017	14.777						
11/7/2016 4:45:00 PM	416700.000	116.947	19.236	266.558	34532.648	38804.371	24.924	26.387
28.958	1.017	14.783						
11/7/2016 5:00:00 PM	417600.000	116.939	19.236	266.541	34575.027	38852.422	24.958	26.420
28.923	1.017	14.786						
11/7/2016 5:15:00 PM	418500.000	116.954	19.237	266.573	34525.805	38796.457	24.918	26.382
28.964	1.017	14.777						
11/7/2016 5:30:00 PM	419400.000	116.941	19.236	266.544	34577.047	38854.262	24.959	26.421
28.921	1.017	14.786						
11/7/2016 5:45:00 PM	420300.000	116.947	19.236	266.559	34553.922	38828.344	24.941	26.403
28.940	1.017	14.783						
11/7/2016 6:00:00 PM	421200.000	116.931	19.237	266.523	34562.070	38837.207	24.947	26.409
28.933	1.017	14.790						
11/7/2016 6:15:00 PM	422100.000	116.937	19.236	266.536	34548.852	38822.578	24.937	26.399
28.945	1.017	14.787						
11/7/2016 6:30:00 PM	423000.000	116.945	19.237	266.555	34550.672	38824.184	24.938	26.400
28.943	1.017	14.780						
11/7/2016 6:45:00 PM	423900.000	116.938	19.235	266.538	34559.984	38836.246	24.946	26.409
28.935	1.017	14.789						
11/7/2016 7:00:00 PM	424800.000	116.929	19.236	266.518	34541.027	38813.855	24.930	26.393
28.951	1.017	14.792						
11/7/2016 7:15:00 PM	425700.000	116.922	19.236	266.501	34554.043	38828.988	24.941	26.404
28.940	1.017	14.787						
11/7/2016 7:30:00 PM	426600.000	116.917	19.235	266.489	34548.625	38823.195	24.937	26.400
28.945	1.017	14.790						

11/7/2016 7:45:00 PM	427500.000	116.916	19.237	266.488	34542.254	38814.879	24.931	26.394
28.950	1.017	14.788						
11/7/2016 8:00:00 PM	428400.000	116.904	19.236	266.461	34549.449	38823.395	24.937	26.400
28.944	1.017	14.787						
11/7/2016 8:15:00 PM	429300.000	116.898	19.236	266.446	34543.906	38817.168	24.933	26.396
28.949	1.017	14.788						
11/7/2016 8:30:00 PM	430200.000	116.887	19.235	266.423	34531.871	38804.430	24.924	26.387
28.959	1.017	14.784						
11/7/2016 8:45:00 PM	431100.000	116.893	19.237	266.435	34537.234	38809.445	24.927	26.390
28.954	1.017	14.784						
11/7/2016 9:00:00 PM	432000.000	116.886	19.236	266.419	34536.273	38808.516	24.927	26.390
28.955	1.017	14.783						
11/7/2016 9:15:00 PM	432900.000	116.880	19.236	266.407	34542.918	38816.418	24.932	26.395
28.949	1.017	14.779						
11/7/2016 9:30:00 PM	433800.000	116.867	19.237	266.377	34541.672	38814.285	24.931	26.394
28.951	1.017	14.783						
11/7/2016 9:45:00 PM	434700.000	116.867	19.237	266.376	34544.711	38817.641	24.933	26.396
28.948	1.017	14.780						
11/7/2016 10:00:00 PM	435600.000	116.855	19.236	266.348	34537.461	38810.426	24.928	26.391
28.954	1.017	14.779						
11/7/2016 10:15:00 PM	436500.000	116.840	19.235	266.313	34536.953	38810.438	24.928	26.391
28.954	1.017	14.784						
11/7/2016 10:30:00 PM	437400.000	116.846	19.235	266.329	34511.641	38781.633	24.907	26.372
28.976	1.017	14.784						
11/7/2016 10:45:00 PM	438300.000	116.829	19.235	266.290	34521.848	38793.320	24.916	26.379
28.967	1.017	14.785						
11/7/2016 11:00:00 PM	439200.000	116.833	19.236	266.297	34546.223	38820.270	24.935	26.398
28.947	1.017	14.780						
11/7/2016 11:15:00 PM	440100.000	116.824	19.236	266.278	34543.605	38817.191	24.933	26.396
28.949	1.017	14.786						
11/7/2016 11:30:00 PM	441000.000	116.826	19.236	266.282	34533.898	38806.207	24.925	26.388
28.957	1.017	14.779						
11/7/2016 11:45:00 PM	441900.000	116.813	19.236	266.253	34521.184	38791.633	24.915	26.378
28.968	1.017	14.783						
11/8/2016 12:00:00 AM	442800.000	116.808	19.235	266.242	34517.648	38788.387	24.912	26.376
28.971	1.017	14.776						
11/8/2016 12:15:00 AM	443700.000	116.809	19.236	266.244	34500.316	38768.395	24.898	26.363
28.985	1.017	14.776						
11/8/2016 12:30:00 AM	444600.000	116.812	19.235	266.250	34530.551	38803.391	24.923	26.386
28.960	1.017	14.773						
11/8/2016 12:45:00 AM	445500.000	116.795	19.235	266.213	34521.066	38792.289	24.915	26.379
28.968	1.017	14.779						
11/8/2016 1:00:00 AM	446400.000	116.796	19.236	266.214	34545.367	38819.094	24.934	26.397
28.947	1.017	14.776						
11/8/2016 1:15:00 AM	447300.000	116.791	19.236	266.204	34533.484	38805.453	24.924	26.388
28.957	1.017	14.777						
11/8/2016 1:30:00 AM	448200.000	116.795	19.236	266.213	34531.199	38802.887	24.923	26.386
28.959	1.017	14.781						
11/8/2016 1:45:00 AM	449100.000	116.788	19.237	266.196	34519.047	38788.801	24.913	26.376
28.970	1.017	14.778						
11/8/2016 2:00:00 AM	450000.000	116.797	19.236	266.215	34539.484	38812.484	24.929	26.392
28.952	1.017	14.778						
11/8/2016 2:15:00 AM	450900.000	116.799	19.236	266.221	34531.898	38804.328	24.924	26.387
28.959	1.017	14.777						
11/8/2016 2:30:00 AM	451800.000	116.798	19.237	266.220	34528.016	38799.086	24.920	26.383
28.962	1.017	14.773						
11/8/2016 2:45:00 AM	452700.000	116.799	19.236	266.222	34550.605	38824.840	24.938	26.401
28.943	1.017	14.774						
11/8/2016 3:00:00 AM	453600.000	116.811	19.236	266.247	34553.883	38828.738	24.941	26.404
28.940	1.017	14.772						
11/8/2016 3:15:00 AM	454500.000	116.810	19.237	266.246	34545.797	38818.992	24.934	26.397
28.947	1.017	14.775						
11/8/2016 3:30:00 AM	455400.000	116.812	19.236	266.251	34535.355	38807.480	24.926	26.389
28.956	1.017	14.773						
11/8/2016 3:45:00 AM	456300.000	116.818	19.237	266.264	34545.645	38818.895	24.934	26.397
28.947	1.017	14.772						
11/8/2016 4:00:00 AM	457200.000	116.821	19.237	266.272	34534.207	38805.684	24.925	26.388
28.957	1.017	14.774						
11/8/2016 4:15:00 AM	458100.000	116.828	19.237	266.288	34547.250	38820.555	24.935	26.398
28.946	1.017	14.772						
11/8/2016 4:30:00 AM	459000.000	116.828	19.238	266.286	34541.574	38813.520	24.930	26.393
28.951	1.017	14.775						
11/8/2016 4:45:00 AM	459900.000	116.846	19.237	266.329	34528.699	38799.492	24.920	26.384
28.961	1.017	14.769						
11/8/2016 5:00:00 AM	460800.000	116.856	19.237	266.350	34532.813	38804.191	24.924	26.387
28.958	1.017	14.773						
11/8/2016 5:15:00 AM	461700.000	116.850	19.238	266.338	34519.660	38788.758	24.913	26.376
28.969	1.017	14.775						
11/8/2016 5:30:00 AM	462600.000	116.864	19.236	266.369	34520.492	38790.930	24.914	26.378
28.968	1.017	14.778						
11/8/2016 5:45:00 AM	463500.000	116.858	19.237	266.355	34530.125	38801.094	24.921	26.385
28.960	1.017	14.779						
11/8/2016 6:00:00 AM	464400.000	116.869	19.237	266.380	34548.484	38821.727	24.936	26.399
28.945	1.017	14.782						
11/8/2016 6:15:00 AM	465300.000	116.884	19.237	266.415	34560.387	38835.254	24.946	26.408
28.935	1.017	14.778						
11/8/2016 6:30:00 AM	466200.000	116.884	19.237	266.415	34542.000	38814.727	24.931	26.394
28.950	1.017	14.777						
11/8/2016 6:45:00 AM	467100.000	116.878	19.237	266.402	34541.379	38813.520	24.930	26.393
28.951	1.017	14.783						
11/8/2016 7:00:00 AM	468000.000	116.876	19.236	266.396	34556.000	38830.832	24.942	26.405
28.939	1.017	14.791						
11/8/2016 7:15:00 AM	468900.000	116.884	19.237	266.414	34564.109	38839.500	24.949	26.411
28.932	1.017	14.788						
11/8/2016 7:30:00 AM	469800.000	116.898	19.237	266.446	34549.711	38823.320	24.937	26.400
28.944	1.017	14.788						
11/8/2016 7:45:00 AM	470700.000	116.895	19.237	266.439	34540.398	38812.855	24.930	26.393
28.952	1.017	14.791						
11/8/2016 8:00:00 AM	471600.000	116.890	19.236	266.429	34538.395	38811.184	24.928	26.392
28.953	1.017	14.800						
11/8/2016 8:15:00 AM	472500.000	116.904	19.237	266.461	34538.629	38810.867	24.928	26.391
28.953	1.017	14.800						
11/8/2016 8:30:00 AM	473400.000	116.897	19.237	266.444	34552.828	38826.969	24.940	26.402
28.941	1.017	14.806						
11/8/2016 8:45:00 AM	474300.000	116.908	19.236	266.468	34540.727	38813.594	24.930	26.393
28.951	1.017	14.800						
11/8/2016 9:00:00 AM	475200.000	116.895	19.237	266.441	34559.547	38834.441	24.945	26.407
28.936	1.017	14.807						
11/8/2016 9:15:00 AM	476100.000	116.905	19.237	266.462	34558.449	38833.285	24.944	26.407
28.936	1.017	14.807						
11/8/2016 9:30:00 AM	477000.000	116.911	19.237	266.476	34513.320	38782.211	24.908	26.372
28.974	1.017	14.806						
11/8/2016 9:45:00 AM	477900.000	116.902	19.236	266.456	34514.926	38784.746	24.910	26.374
28.973	1.017	14.802						
11/8/2016 10:00:00 AM	478800.000	116.909	19.236	266.471	34515.035	38785.086	24.910	26.374
28.973	1.017	14.800						
11/8/2016 10:15:00 AM	479700.000	116.911	19.236	266.477	34539.551	38812.480	24.929	26.392
28.952	1.017	14.800						
11/8/2016 10:30:00 AM	480600.000	116.893	19.237	266.436	34545.242	38818.297	24.934	26.396
28.948	1.017	14.801						
11/8/2016 10:45:00 AM	481500.000	116.892	19.237	266.433	34552.816	38826.746	24.940	26.402
28.941	1.017	14.796						
11/8/2016 11:00:00 AM	482400.000	116.900	19.236	266.451	34553.727	38828.125	24.941	26.403
28.940	1.017	14.797						
11/8/2016 11:15:00 AM	483300.000	116.901	19.236	266.454	34547.469	38821.602	24.936	26.399
28.946	1.017	14.790						
11/8/2016 11:30:00 AM	484200.000	116.902	19.237	266.456	34523.449	38793.879	24.916	26.380
28.966	1.017	14.788						
11/8/2016 11:45:00 AM	485100.000	116.903	19.237	266.457	34547.727	38820.949	24.935	26.398
28.945	1.017	14.789						
11/8/2016 12:00:00 PM	486000.000	116.896	19.237	266.442	34553.109	38826.777	24.940	26.402
28.941	1.017	14.781						
11/8/2016 12:15:00 PM	486900.000	116.897	19.237	266.445	34560.633	38835.531	24.946	26.408

28.935	1.017	14.784						
11/8/2016 12:30:00 PM	487800.000	116.896	19.237	266.443	34562.070	38836.992	24.947	26.409
28.933	1.017	14.780						
11/8/2016 12:45:00 PM	488700.000	116.894	19.237	266.438	34543.656	38816.375	24.932	26.395
28.949	1.017	14.781						
11/8/2016 1:00:00 PM	489600.000	116.887	19.236	266.421	34567.969	38844.281	24.952	26.414
28.929	1.017	14.780						
11/8/2016 1:15:00 PM	490500.000	116.894	19.236	266.437	34537.031	38809.652	24.927	26.391
28.954	1.017	14.773						
11/8/2016 1:30:00 PM	491400.000	116.894	19.236	266.438	34538.105	38810.723	24.928	26.391
28.954	1.017	14.776						
11/8/2016 1:45:00 PM	492300.000	116.917	19.236	266.490	34529.176	38800.469	24.921	26.384
28.961	1.017	14.771						
11/8/2016 2:00:00 PM	493200.000	116.902	19.236	266.455	34525.961	38797.586	24.919	26.382
28.964	1.017	14.775						
11/8/2016 2:15:00 PM	494100.000	116.900	19.237	266.452	34542.688	38815.211	24.931	26.394
28.950	1.017	14.769						
11/8/2016 2:30:00 PM	495000.000	116.908	19.237	266.469	34548.180	38821.313	24.936	26.398
28.945	1.017	14.769						
11/8/2016 2:45:00 PM	495900.000	116.897	19.237	266.445	34540.988	38813.230	24.930	26.393
28.951	1.017	14.779						
11/8/2016 3:00:00 PM	496800.000	116.897	19.235	266.444	34534.988	38807.871	24.926	26.389
28.956	1.017	14.776						
11/8/2016 3:15:00 PM	497700.000	116.911	19.237	266.476	34552.395	38826.195	24.939	26.402
28.942	1.017	14.766						
11/8/2016 3:30:00 PM	498600.000	116.905	19.237	266.463	34517.824	38787.559	24.912	26.376
28.971	1.017	14.767						
11/8/2016 3:45:00 PM	499500.000	116.901	19.236	266.454	34553.016	38827.613	24.940	26.403
28.941	1.017	14.774						
11/8/2016 4:00:00 PM	500400.000	116.904	19.236	266.460	34529.023	38800.297	24.921	26.384
28.961	1.017	14.767						
11/8/2016 4:15:00 PM	501300.000	116.909	19.236	266.471	34532.035	38803.680	24.923	26.387
28.959	1.017	14.768						
11/8/2016 4:30:00 PM	502200.000	116.906	19.237	266.465	34543.051	38815.551	24.932	26.395
28.949	1.017	14.771						
11/8/2016 4:45:00 PM	503100.000	116.900	19.237	266.452	34539.332	38811.594	24.929	26.392
28.952	1.017	14.777						
11/8/2016 5:00:00 PM	504000.000	116.907	19.236	266.466	34541.008	38813.832	24.930	26.393
28.951	1.017	14.771						
11/8/2016 5:15:00 PM	504900.000	116.913	19.236	266.482	34554.559	38829.422	24.941	26.404
28.940	1.017	14.772						
11/8/2016 5:30:00 PM	505800.000	116.907	19.237	266.467	34533.539	38805.086	24.924	26.387
28.957	1.017	14.769						
11/8/2016 5:45:00 PM	506700.000	116.902	19.236	266.456	34527.758	38799.020	24.920	26.383
28.962	1.017	14.775						
11/8/2016 6:00:00 PM	507600.000	116.903	19.236	266.459	34533.582	38805.566	24.924	26.388
28.957	1.017	14.777						
11/8/2016 6:15:00 PM	508500.000	116.916	19.237	266.488	34541.398	38813.473	24.930	26.393
28.951	1.017	14.772						
11/8/2016 6:30:00 PM	509400.000	116.904	19.236	266.460	34549.008	38823.262	24.937	26.400
28.944	1.017	14.777						
11/8/2016 6:45:00 PM	510300.000	116.906	19.236	266.464	34534.676	38806.719	24.925	26.389
28.956	1.017	14.781						
11/8/2016 7:00:00 PM	511200.000	116.892	19.236	266.432	34542.484	38816.223	24.932	26.395
28.950	1.017	14.781						
11/8/2016 7:15:00 PM	512100.000	116.895	19.237	266.441	34527.121	38797.648	24.919	26.382
28.963	1.017	14.781						
11/8/2016 7:30:00 PM	513000.000	116.891	19.236	266.431	34544.777	38818.355	24.934	26.396
28.948	1.017	14.784						
11/8/2016 7:45:00 PM	513900.000	116.890	19.236	266.429	34536.148	38808.879	24.927	26.390
28.955	1.017	14.786						
11/8/2016 8:00:00 PM	514800.000	116.884	19.236	266.414	34535.738	38808.574	24.927	26.390
28.956	1.017	14.786						
11/8/2016 8:15:00 PM	515700.000	116.871	19.236	266.385	34528.020	38799.168	24.920	26.383
28.962	1.017	14.789						
11/8/2016 8:30:00 PM	516600.000	116.873	19.235	266.390	34549.723	38825.090	24.938	26.401
28.944	1.017	14.785						
11/8/2016 8:45:00 PM	517500.000	116.862	19.236	266.364	34541.352	38814.371	24.931	26.394
28.951	1.017	14.794						
11/8/2016 9:00:00 PM	518400.000	116.863	19.236	266.368	34538.781	38811.992	24.929	26.392
28.953	1.017	14.789						
11/8/2016 9:15:00 PM	519300.000	116.892	19.236	266.432	34527.930	38799.645	24.920	26.384
28.962	1.017	14.785						
11/8/2016 9:30:00 PM	520200.000	116.853	19.236	266.345	34525.672	38797.176	24.918	26.382
28.964	1.017	14.792						
11/8/2016 9:45:00 PM	521100.000	116.836	19.236	266.306	34528.234	38799.988	24.920	26.384
28.962	1.017	14.794						
11/8/2016 10:00:00 PM	522000.000	116.833	19.235	266.298	34524.180	38796.383	24.918	26.382
28.965	1.017	14.797						
11/8/2016 10:15:00 PM	522900.000	116.831	19.235	266.294	34525.242	38796.980	24.918	26.382
28.964	1.017	14.796						
11/8/2016 10:30:00 PM	523800.000	116.819	19.236	266.267	34533.656	38806.305	24.925	26.388
28.957	1.017	14.796						
11/8/2016 10:45:00 PM	524700.000	116.799	19.236	266.221	34544.617	38817.891	24.933	26.396
28.948	1.017	14.805						
11/8/2016 11:00:00 PM	525600.000	116.798	19.236	266.218	34522.031	38792.945	24.915	26.379
28.967	1.017	14.799						
11/8/2016 11:15:00 PM	526500.000	116.793	19.236	266.208	34514.051	38783.691	24.909	26.373
28.974	1.017	14.795						
11/8/2016 11:30:00 PM	527400.000	116.775	19.236	266.167	34521.023	38792.105	24.915	26.379
28.968	1.017	14.791						
11/8/2016 11:45:00 PM	528300.000	116.775	19.236	266.167	34510.277	38779.879	24.906	26.370
28.977	1.017	14.795						
11/9/2016 12:00:00 AM	529200.000	116.778	19.236	266.174	34516.977	38787.191	24.911	26.375
28.971	1.017	14.784						
11/9/2016 12:15:00 AM	530100.000	116.774	19.236	266.164	34537.672	38810.445	24.928	26.391
28.954	1.017	14.786						
11/9/2016 12:30:00 AM	531000.000	116.762	19.236	266.137	34520.641	38791.453	24.914	26.378
28.968	1.017	14.789						
11/9/2016 12:45:00 AM	531900.000	116.753	19.236	266.116	34532.902	38805.164	24.924	26.388
28.958	1.017	14.786						
11/9/2016 1:00:00 AM	532800.000	116.757	19.236	266.125	34515.570	38785.535	24.910	26.374
28.972	1.017	14.781						
11/9/2016 1:15:00 AM	533700.000	116.747	19.236	266.101	34515.051	38785.395	24.910	26.374
28.973	1.017	14.782						
11/9/2016 1:30:00 AM	534600.000	116.747	19.236	266.101	34520.090	38790.551	24.914	26.378
28.969	1.017	14.779						
11/9/2016 1:45:00 AM	535500.000	116.740	19.236	266.087	34512.484	38782.289	24.908	26.372
28.975	1.017	14.783						
11/9/2016 2:00:00 AM	536400.000	116.744	19.236	266.095	34525.992	38797.320	24.919	26.382
28.964	1.017	14.782						
11/9/2016 2:15:00 AM	537300.000	116.740	19.236	266.087	34533.621	38805.969	24.925	26.388
28.957	1.017	14.783						
11/9/2016 2:30:00 AM	538200.000	116.741	19.235	266.088	34517.660	38788.613	24.912	26.376
28.971	1.017	14.781						
11/9/2016 2:45:00 AM	539100.000	116.735	19.235	266.076	34538.262	38812.125	24.929	26.392
28.953	1.017	14.781						
11/9/2016 3:00:00 AM	540000.000	116.733	19.236	266.071	34550.059	38824.227	24.938	26.400
28.944	1.017	14.781						
11/9/2016 3:15:00 AM	540900.000	116.749	19.236	266.107	34513.914	38783.895	24.909	26.373
28.974	1.017	14.774						
11/9/2016 3:30:00 AM	541800.000	116.749	19.236	266.108	34540.793	38813.953	24.930	26.393
28.951	1.017	14.774						
11/9/2016 3:45:00 AM	542700.000	116.744	19.236	266.095	34521.102	38791.465	24.914	26.378
28.968	1.017	14.771						
11/9/2016 4:00:00 AM	543600.000	116.757	19.236	266.124	34513.965	38783.445	24.909	26.373
28.974	1.017	14.772						
11/9/2016 4:15:00 AM	544500.000	116.754	19.237	266.118	34521.789	38791.945	24.915	26.379
28.967	1.017	14.770						
11/9/2016 4:30:00 AM	545400.000	116.767	19.236	266.147	34540.496	38813.258	24.930	26.393
28.952	1.017	14.766						
11/9/2016 4:45:00 AM	546300.000	116.768	19.235	266.150	34528.504	38800.645	24.921	26.384
28.962	1.017	14.767						

11/9/2016 5:00:00 AM	547200.000	116.779	19.236	266.176	34533.645	38805.559	24.924	26.388
28.957	1.017	14.771						
11/9/2016 5:15:00 AM	548100.000	116.776	19.236	266.169	34557.578	38832.816	24.944	26.406
28.937	1.017	14.776						
11/9/2016 5:30:00 AM	549000.000	116.791	19.236	266.203	34546.879	38821.008	24.935	26.398
28.946	1.017	14.764						
11/9/2016 5:45:00 AM	549900.000	116.785	19.236	266.189	34541.668	38814.863	24.931	26.394
28.951	1.017	14.772						
11/9/2016 6:00:00 AM	550800.000	116.804	19.236	266.232	34530.082	38801.484	24.922	26.385
28.960	1.017	14.764						
11/9/2016 6:15:00 AM	551700.000	116.802	19.236	266.228	34526.082	38797.211	24.919	26.382
28.964	1.017	14.772						
11/9/2016 6:30:00 AM	552600.000	116.805	19.237	266.234	34536.098	38808.168	24.926	26.390
28.955	1.017	14.771						
11/9/2016 6:45:00 AM	553500.000	116.810	19.236	266.245	34553.883	38828.879	24.941	26.404
28.940	1.017	14.775						
11/9/2016 7:00:00 AM	554400.000	116.811	19.237	266.248	34565.262	38840.652	24.949	26.412
28.931	1.017	14.770						
11/9/2016 7:15:00 AM	555300.000	116.820	19.236	266.268	34552.551	38826.805	24.940	26.402
28.941	1.017	14.781						
11/9/2016 7:30:00 AM	556200.000	116.834	19.236	266.300	34538.781	38811.617	24.929	26.392
28.953	1.017	14.775						
11/9/2016 7:45:00 AM	557100.000	116.834	19.236	266.300	34553.355	38827.859	24.940	26.403
28.941	1.017	14.781						
11/9/2016 8:00:00 AM	558000.000	116.838	19.237	266.310	34567.961	38843.688	24.952	26.414
28.929	1.017	14.776						
11/9/2016 8:15:00 AM	558900.000	116.838	19.237	266.311	34537.859	38810.074	24.928	26.391
28.954	1.017	14.781						
11/9/2016 8:30:00 AM	559800.000	116.846	19.236	266.329	34542.645	38815.602	24.932	26.395
28.950	1.017	14.784						
11/9/2016 8:45:00 AM	560700.000	116.847	19.236	266.331	34540.281	38813.168	24.930	26.393
28.952	1.017	14.777						
11/9/2016 9:00:00 AM	561600.000	116.845	19.236	266.327	34551.004	38825.504	24.939	26.401
28.943	1.017	14.769						
11/9/2016 9:15:00 AM	562500.000	116.842	19.236	266.318	34536.738	38808.965	24.927	26.390
28.955	1.017	14.773						
11/9/2016 9:30:00 AM	563400.000	116.842	19.236	266.319	34547.191	38821.004	24.935	26.398
28.946	1.017	14.772						
11/9/2016 9:45:00 AM	564300.000	116.845	19.235	266.325	34553.418	38828.719	24.941	26.404
28.941	1.017	14.770						
11/9/2016 10:00:00 AM	565200.000	116.860	19.235	266.359	34536.352	38809.465	24.927	26.390
28.955	1.017	14.765						
11/9/2016 10:15:00 AM	566100.000	116.851	19.237	266.339	34534.387	38806.172	24.925	26.388
28.957	1.017	14.766						
11/9/2016 10:30:00 AM	567000.000	116.844	19.236	266.323	34542.137	38815.324	24.931	26.394
28.950	1.017	14.767						
11/9/2016 10:45:00 AM	567900.000	116.841	19.236	266.317	34520.059	38790.953	24.914	26.378
28.969	1.017	14.768						
11/9/2016 11:00:00 AM	568800.000	116.844	19.236	266.324	34540.047	38813.332	24.930	26.393
28.952	1.017	14.760						
11/9/2016 11:15:00 AM	569700.000	116.846	19.237	266.329	34520.684	38790.703	24.914	26.378
28.968	1.017	14.753						
11/9/2016 11:30:00 AM	570600.000	116.853	19.236	266.344	34540.551	38813.680	24.930	26.393
28.951	1.017	14.754						
11/9/2016 11:45:00 AM	571500.000	116.830	19.236	266.292	34538.723	38811.340	24.929	26.392
28.953	1.017	14.754						
11/9/2016 12:00:00 PM	572400.000	116.847	19.236	266.330	34545.055	38818.816	24.934	26.397
28.948	1.017	14.748						
11/9/2016 12:15:00 PM	573300.000	116.843	19.236	266.320	34531.648	38803.824	24.923	26.387
28.959	1.017	14.738						
11/9/2016 12:30:00 PM	574200.000	116.834	19.236	266.301	34543.715	38817.313	24.933	26.396
28.949	1.017	14.734						
11/9/2016 12:45:00 PM	575100.000	116.820	19.236	266.268	34553.676	38828.504	24.941	26.403
28.940	1.017	14.740						
11/9/2016 1:00:00 PM	576000.000	116.831	19.236	266.294	34533.145	38805.656	24.925	26.388
28.958	1.017	14.741						
11/9/2016 1:15:00 PM	576900.000	116.819	19.236	266.267	34559.316	38834.844	24.945	26.408
28.936	1.017	14.738						
11/9/2016 1:30:00 PM	577800.000	116.814	19.237	266.256	34544.891	38817.902	24.933	26.396
28.948	1.017	14.737						
11/9/2016 1:45:00 PM	578700.000	116.809	19.236	266.244	34493.020	38760.270	24.892	26.357
28.991	1.017	14.738						
11/9/2016 2:00:00 PM	579600.000	116.821	19.236	266.270	34554.926	38829.625	24.942	26.404
28.939	1.017	14.729						
11/9/2016 2:15:00 PM	580500.000	116.826	19.236	266.283	34544.219	38817.371	24.933	26.396
28.948	1.017	14.730						
11/9/2016 2:30:00 PM	581400.000	116.816	19.236	266.260	34552.969	38827.637	24.940	26.403
28.941	1.017	14.734						
11/9/2016 2:45:00 PM	582300.000	116.812	19.236	266.250	34542.172	38815.363	24.931	26.394
28.950	1.017	14.734						
11/9/2016 3:00:00 PM	583200.000	116.821	19.236	266.272	34552.148	38826.637	24.939	26.402
28.942	1.017	14.734						
11/9/2016 3:15:00 PM	584100.000	116.810	19.236	266.246	34548.309	38822.324	24.936	26.399
28.945	1.017	14.737						
11/9/2016 3:30:00 PM	585000.000	116.819	19.236	266.266	34535.633	38808.301	24.926	26.390
28.956	1.017	14.729						
11/9/2016 3:45:00 PM	585900.000	116.811	19.236	266.248	34554.020	38828.961	24.941	26.404
28.940	1.017	14.731						
11/9/2016 4:00:00 PM	586800.000	116.806	19.237	266.238	34545.387	38818.531	24.934	26.397
28.947	1.017	14.734						
11/9/2016 4:15:00 PM	587700.000	116.822	19.236	266.274	34550.262	38824.164	24.938	26.400
28.943	1.017	14.728						
11/9/2016 4:30:00 PM	588600.000	116.827	19.236	266.285	34514.238	38784.188	24.909	26.373
28.974	1.017	14.728						
11/9/2016 4:45:00 PM	589500.000	116.834	19.237	266.301	34532.195	38803.199	24.923	26.386
28.958	1.017	14.721						
11/9/2016 5:00:00 PM	590400.000	116.828	19.236	266.286	34537.227	38809.734	24.927	26.391
28.954	1.017	14.731						
11/9/2016 5:15:00 PM	591300.000	116.814	19.236	266.255	34545.699	38819.543	24.934	26.397
28.947	1.017	14.729						
11/9/2016 5:30:00 PM	592200.000	116.817	19.236	266.261	34539.000	38811.727	24.929	26.392
28.953	1.017	14.735						
11/9/2016 5:45:00 PM	593100.000	116.827	19.236	266.284	34551.188	38825.422	24.939	26.401
28.943	1.017	14.728						
11/9/2016 6:00:00 PM	594000.000	116.829	19.236	266.289	34543.000	38816.805	24.932	26.395
28.949	1.017	14.738						
11/9/2016 6:15:00 PM	594900.000	116.830	19.236	266.292	34538.320	38811.102	24.928	26.392
28.953	1.017	14.731						
11/9/2016 6:30:00 PM	595800.000	116.829	19.236	266.289	34528.559	38800.422	24.921	26.384
28.962	1.017	14.739						
11/9/2016 6:45:00 PM	596700.000	116.839	19.235	266.313	34521.258	38792.582	24.915	26.379
28.968	1.017	14.732						
11/9/2016 7:00:00 PM	597600.000	116.830	19.235	266.292	34540.445	38814.145	24.931	26.394
28.952	1.017	14.736						
11/9/2016 7:15:00 PM	598500.000	116.831	19.236	266.293	34526.512	38797.695	24.919	26.382
28.963	1.017	14.736						
11/9/2016 7:30:00 PM	599400.000	116.837	19.236	266.308	34550.313	38824.512	24.938	26.401
28.943	1.017	14.733						
11/9/2016 7:45:00 PM	600300.000	116.834	19.236	266.302	34537.813	38810.902	24.928	26.391
28.954	1.017	14.737						
11/9/2016 8:00:00 PM	601200.000	116.831	19.235	266.294	34540.344	38814.105	24.931	26.394
28.952	1.017	14.737						
11/9/2016 8:15:00 PM	602100.000	116.830	19.235	266.291	34538.590	38812.059	24.929	26.392
28.953	1.017	14.740						
11/9/2016 8:30:00 PM	603000.000	116.825	19.235	266.281	34522.063	38793.406	24.916	26.380
28.967	1.017	14.736						
11/9/2016 8:45:00 PM	603900.000	116.819	19.236	266.267	34539.582	38812.961	24.930	26.393
28.952	1.017	14.741						
11/9/2016 9:00:00 PM	604800.000	116.809	19.235	266.243	34562.137	38838.953	24.948	26.410
28.933	1.017	14.743						
11/9/2016 9:15:00 PM	605700.000	116.811	19.236	266.248	34531.020	38803.188	24.923	26.386
28.959	1.017	14.745						
11/9/2016 9:30:00 PM	606600.000	116.798	19.235	266.220	34564.691	38841.250	24.950	26.412

28.931	1.017	14.744						
11/9/2016 9:45:00 PM	607500.000	116.809	19.235	266.245	34552.160	38827.309	24.940	26.403
28.942	1.017	14.740						
11/9/2016 10:00:00 PM	608400.000	116.792	19.236	266.205	34520.551	38791.508	24.914	26.378
28.968	1.017	14.743						
11/9/2016 10:15:00 PM	609300.000	116.787	19.235	266.194	34536.039	38809.051	24.927	26.390
28.955	1.017	14.746						
11/9/2016 10:30:00 PM	610200.000	116.781	19.235	266.181	34542.473	38816.941	24.933	26.396
28.950	1.017	14.742						
11/9/2016 10:45:00 PM	611100.000	116.781	19.235	266.179	34520.773	38792.402	24.915	26.379
28.968	1.017	14.740						
11/9/2016 11:00:00 PM	612000.000	116.781	19.235	266.181	34512.676	38783.527	24.909	26.373
28.975	1.017	14.742						
11/9/2016 11:15:00 PM	612900.000	116.776	19.235	266.169	34532.516	38805.230	24.924	26.388
28.958	1.017	14.738						
11/9/2016 11:30:00 PM	613800.000	116.765	19.236	266.143	34544.340	38818.309	24.934	26.396
28.948	1.017	14.739						
11/9/2016 11:45:00 PM	614700.000	116.764	19.236	266.140	34529.441	38801.344	24.921	26.385
28.961	1.017	14.741						

Serial_number:
1068256
Project ID:
MPWSP MW-7M
Location:
MW-7
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/4/2016	9:15:00	0	0.073	14.1	0
11/4/2016	9:30:00	0	133.968	17.8	4652.6
11/4/2016	9:45:00	0	133.948	17.8	4561.1
11/4/2016	10:00:00	0	133.946	17.8	4648.1
11/4/2016	10:15:00	0	133.984	17.8	4595.4
11/4/2016	10:30:00	0	133.958	17.8	4573.7
11/4/2016	10:45:00	0	133.971	17.8	4603.5
11/4/2016	11:00:00	0	133.947	17.8	4601.2
11/4/2016	11:15:00	0	133.996	17.8	4574.9
11/4/2016	11:30:00	0	133.973	17.8	4571.4
11/4/2016	11:45:00	0	133.973	17.8	4523.4
11/4/2016	12:00:00	0	134.01	17.8	4540.5
11/4/2016	12:15:00	0	133.981	17.8	4562.3
11/4/2016	12:30:00	0	134.008	17.8	4563.4
11/4/2016	12:45:00	0	133.994	17.8	4544
11/4/2016	13:00:00	0	134.023	17.8	4550.8
11/4/2016	13:15:00	0	134.056	17.8	4465
11/4/2016	13:30:00	0	134.037	17.8	4468.5
11/4/2016	13:45:00	0	134.022	17.8	4524.5
11/4/2016	14:00:00	0	134.057	17.8	4580.6
11/4/2016	14:15:00	0	134.003	17.8	4390.7
11/4/2016	14:30:00	0	134.045	17.8	4511.9
11/4/2016	14:45:00	0	134.061	17.8	4476.5
11/4/2016	15:00:00	0	134.058	17.8	4385
11/4/2016	15:15:00	0	134.016	17.8	4411.3
11/4/2016	15:30:00	0	133.998	17.8	4539.4
11/4/2016	15:45:00	0	134.014	17.8	4338
11/4/2016	16:00:00	0	134.03	17.8	4439.9
11/4/2016	16:15:00	0	134.032	17.8	4461.6
11/4/2016	16:30:00	0	134.012	17.8	4302.6
11/4/2016	16:45:00	0	134.031	17.8	4354.1

11/4/2016	17:00:00	0	134.013	17.8	4363.2
11/4/2016	17:15:00	0	134.052	17.8	4439.9
11/4/2016	17:30:00	0	134.03	17.8	4528
11/4/2016	17:45:00	0	134.015	17.8	4366.6
11/4/2016	18:00:00	0	134.016	17.8	4485.6
11/4/2016	18:15:00	0	134.018	17.8	4479.9
11/4/2016	18:30:00	0	133.997	17.8	4509.6
11/4/2016	18:45:00	0	133.996	17.8	4473
11/4/2016	19:00:00	0	134.04	17.8	4580.6
11/4/2016	19:15:00	0	134	17.8	4651.5
11/4/2016	19:30:00	0	134.005	17.8	4652.6
11/4/2016	19:45:00	0	134.002	17.8	4648.1
11/4/2016	20:00:00	0	134.041	17.8	4641.2
11/4/2016	20:15:00	0	133.982	17.8	4675.5
11/4/2016	20:30:00	0	133.958	17.8	4722.4
11/4/2016	20:45:00	0	133.975	17.8	4792.2
11/4/2016	21:00:00	0	133.994	17.8	4729.3
11/4/2016	21:15:00	0	133.972	17.8	4927.2
11/4/2016	21:30:00	0	133.949	17.8	4932.9
11/4/2016	21:45:00	0	133.931	17.8	4915.8
11/4/2016	22:00:00	0	133.97	17.8	5103.4
11/4/2016	22:15:00	0	133.923	17.8	5042.8
11/4/2016	22:30:00	0	133.9	17.8	5033.6
11/4/2016	22:45:00	0	133.919	17.8	4968.4
11/4/2016	23:00:00	0	133.952	17.8	5148
11/4/2016	23:15:00	0	133.911	17.8	5075.9
11/4/2016	23:30:00	0	133.928	17.8	4986.7
11/4/2016	23:45:00	0	133.868	17.8	5082.8
11/5/2016	0:00:00	0	133.884	17.8	5043.9
11/5/2016	0:15:00	0	133.927	17.8	5014.2
11/5/2016	0:30:00	0	133.951	17.8	5185.8
11/5/2016	0:45:00	0	133.894	17.8	5125.1
11/5/2016	1:00:00	0	133.892	17.8	5132
11/5/2016	1:15:00	0	133.893	17.8	5151.4
11/5/2016	1:30:00	0	133.915	17.8	5110.2
11/5/2016	1:45:00	0	133.88	17.8	5049.6
11/5/2016	2:00:00	0	133.881	17.8	5120.5
11/5/2016	2:15:00	0	133.887	17.8	5031.3
11/5/2016	2:30:00	0	133.906	17.8	5011.9
11/5/2016	2:45:00	0	133.922	17.8	5112.5
11/5/2016	3:00:00	0	133.904	17.8	5038.2
11/5/2016	3:15:00	0	133.865	17.8	5055.3
11/5/2016	3:30:00	0	133.938	17.8	4928.4
11/5/2016	3:45:00	0	133.903	17.8	4928.4
11/5/2016	4:00:00	0	133.926	17.8	4983.3
11/5/2016	4:15:00	0	133.913	17.8	4921.5
11/5/2016	4:30:00	0	133.901	17.8	5087.4

11/5/2016	4:45:00	0	133.924	17.8	5010.7
11/5/2016	5:00:00	0	133.934	17.8	4894
11/5/2016	5:15:00	0	133.919	17.8	5008.4
11/5/2016	5:30:00	0	133.942	17.8	4847.1
11/5/2016	5:45:00	0	133.921	17.8	5051.9
11/5/2016	6:00:00	0	133.936	17.8	4745.3
11/5/2016	6:15:00	0	133.978	17.8	4805.9
11/5/2016	6:30:00	0	133.935	17.8	4805.9
11/5/2016	6:45:00	0	133.953	17.8	4740.7
11/5/2016	7:00:00	0	133.974	17.8	4789.9
11/5/2016	7:15:00	0	133.952	17.8	4802.5
11/5/2016	7:30:00	0	133.955	17.8	4755.6
11/5/2016	7:45:00	0	133.942	17.8	4795.6
11/5/2016	8:00:00	0	133.978	17.8	4651.5
11/5/2016	8:15:00	0	133.977	17.8	4714.4
11/5/2016	8:30:00	0	133.958	17.8	4572.6
11/5/2016	8:45:00	0	133.991	17.8	4640.1
11/5/2016	9:00:00	0	133.974	17.8	4679
11/5/2016	9:15:00	0	133.974	17.8	4677.8
11/5/2016	9:30:00	0	133.985	17.8	4692.7
11/5/2016	9:45:00	0	133.961	17.8	4711
11/5/2016	10:00:00	0	134.01	17.8	4711
11/5/2016	10:15:00	0	133.988	17.8	4753.3
11/5/2016	10:30:00	0	133.968	17.8	4619.5
11/5/2016	10:45:00	0	133.941	17.8	4641.2
11/5/2016	11:00:00	0	134.007	17.8	4600
11/5/2016	11:15:00	0	133.983	17.8	4609.2
11/5/2016	11:30:00	0	134.004	17.8	4579.4
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11/5/2016	12:00:00	0	134.019	17.8	4495.9
11/5/2016	12:15:00	0	134.002	17.8	4566.8
11/5/2016	12:30:00	0	134.007	17.8	4500.5
11/5/2016	12:45:00	0	134.007	17.8	4549.7
11/5/2016	13:00:00	0	134.029	17.8	4534.8
11/5/2016	13:15:00	0	134.071	17.8	4572.6
11/5/2016	13:30:00	0	134.052	17.8	4515.4
11/5/2016	13:45:00	0	134.051	17.8	4402.1
11/5/2016	14:00:00	0	134.054	17.8	4510.8
11/5/2016	14:15:00	0	134.037	17.8	4466.2
11/5/2016	14:30:00	0	134.058	17.8	4534.8
11/5/2016	14:45:00	0	134.059	17.8	4478.8
11/5/2016	15:00:00	0	134.096	17.8	4403.3
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11/5/2016	15:45:00	0	134.055	17.8	4461.6
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11/5/2016	17:00:00	0	134.069	17.8	4311.7
11/5/2016	17:15:00	0	134.062	17.8	4355.2
11/5/2016	17:30:00	0	134.084	17.8	4308.3
11/5/2016	17:45:00	0	134.063	17.8	4391.8
11/5/2016	18:00:00	0	134.047	17.8	4376.9
11/5/2016	18:15:00	0	134.07	17.8	4358.6
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11/5/2016	18:45:00	0	134.069	17.8	4468.5
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11/5/2016	19:15:00	0	134.03	17.8	4511.9
11/5/2016	19:30:00	0	134.035	17.8	4425
11/5/2016	19:45:00	0	134.018	17.8	4556.6
11/5/2016	20:00:00	0	134.04	17.8	4540.5
11/5/2016	20:15:00	0	134.018	17.8	4582.9
11/5/2016	20:30:00	0	134.018	17.8	4595.4
11/5/2016	20:45:00	0	134.032	17.8	4612.6
11/5/2016	21:00:00	0	134.039	17.8	4652.6
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11/5/2016	21:30:00	0	133.955	17.8	4831.1
11/5/2016	21:45:00	0	133.992	17.8	4851.7
11/5/2016	22:00:00	0	133.988	17.8	4803.7
11/5/2016	22:15:00	0	133.982	17.8	4817.4
11/5/2016	22:30:00	0	133.954	17.8	4922.6
11/5/2016	22:45:00	0	133.974	17.8	4912.3
11/5/2016	23:00:00	0	133.947	17.8	5009.6
11/5/2016	23:15:00	0	133.983	17.8	5037
11/5/2016	23:30:00	0	133.975	17.8	4915.8
11/5/2016	23:45:00	0	133.912	17.8	5047.3
11/6/2016	0:00:00	0	133.977	17.8	5118.3
11/6/2016	0:15:00	0	133.943	17.8	5010.7
11/6/2016	0:30:00	0	133.939	17.8	5106.8
11/6/2016	0:45:00	0	133.92	17.8	5103.4
11/6/2016	1:00:00	0	133.934	17.8	5098.8
11/6/2016	1:15:00	0	133.934	17.8	5194.9
11/6/2016	1:30:00	0	133.877	17.8	5081.6
11/6/2016	1:45:00	0	133.892	17.8	5109.1
11/6/2016	2:00:00	0	133.927	17.8	5113.7
11/6/2016	2:15:00	0	133.916	17.8	5140
11/6/2016	2:30:00	0	133.914	17.8	5128.6
11/6/2016	2:45:00	0	133.895	17.8	5128.6
11/6/2016	3:00:00	0	133.911	17.8	5182.3
11/6/2016	3:15:00	0	133.927	17.8	5097.7
11/6/2016	3:30:00	0	133.913	17.8	4998.1
11/6/2016	3:45:00	0	133.889	17.8	5064.5
11/6/2016	4:00:00	0	133.935	17.8	5184.6

11/6/2016	4:15:00	0	133.919	17.8	5031.3
11/6/2016	4:30:00	0	133.943	17.8	5053
11/6/2016	4:45:00	0	133.918	17.8	4978.7
11/6/2016	5:00:00	0	133.928	17.8	4924.9
11/6/2016	5:15:00	0	133.916	17.8	4882.6
11/6/2016	5:30:00	0	133.934	17.8	4960.4
11/6/2016	5:45:00	0	133.952	17.8	4879.2
11/6/2016	6:00:00	0	133.91	17.8	4879.2
11/6/2016	6:15:00	0	133.911	17.8	4915.8
11/6/2016	6:30:00	0	133.949	17.8	4868.9
11/6/2016	6:45:00	0	133.989	17.8	4868.9
11/6/2016	7:00:00	0	133.948	17.8	4769.3
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11/6/2016	7:30:00	0	133.976	17.8	4767
11/6/2016	7:45:00	0	133.929	17.8	4752.2
11/6/2016	8:00:00	0	133.971	17.8	4851.7
11/6/2016	8:15:00	0	133.988	17.8	4712.1
11/6/2016	8:30:00	0	133.984	17.8	4764.8
11/6/2016	8:45:00	0	133.96	17.8	4775.1
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11/6/2016	9:30:00	0	133.987	17.8	4673.2
11/6/2016	9:45:00	0	133.985	17.8	4769.3
11/6/2016	10:00:00	0	133.979	17.8	4648.1
11/6/2016	10:15:00	0	134.016	17.8	4707.6
11/6/2016	10:30:00	0	134.011	17.8	4867.7
11/6/2016	10:45:00	0	133.992	17.8	4809.4
11/6/2016	11:00:00	0	134.007	17.8	4681.2
11/6/2016	11:15:00	0	133.967	17.8	4739.6
11/6/2016	11:30:00	0	134.008	17.8	4640.1
11/6/2016	11:45:00	0	133.991	17.8	4674.4
11/6/2016	12:00:00	0	133.994	17.8	4651.5
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11/6/2016	12:30:00	0	134.035	17.8	4640.1
11/6/2016	12:45:00	0	134.038	17.8	4630.9
11/6/2016	13:00:00	0	134.06	17.8	4568
11/6/2016	13:15:00	0	134.022	17.8	4611.5
11/6/2016	13:30:00	0	134.048	17.8	4506.2
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11/6/2016	14:00:00	0	134.033	17.8	4523.4
11/6/2016	14:15:00	0	134.054	17.8	4449
11/6/2016	14:30:00	0	134.054	17.8	4426.1
11/6/2016	14:45:00	0	134.057	17.8	4471.9
11/6/2016	15:00:00	0	134.017	17.8	4462.7
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11/6/2016	15:30:00	0	134.056	17.8	4409
11/6/2016	15:45:00	0	134.054	17.8	4455.9

11/6/2016	16:00:00	0	134.054	17.8	4470.8
11/6/2016	16:15:00	0	134.051	17.8	4483.3
11/6/2016	16:30:00	0	134.069	17.8	4411.3
11/6/2016	16:45:00	0	134.062	17.8	4382.7
11/6/2016	17:00:00	0	134.023	17.8	4347.2
11/6/2016	17:15:00	0	134.062	17.8	4341.5
11/6/2016	17:30:00	0	134.017	17.8	4371.2
11/6/2016	17:45:00	0	134.076	17.8	4430.7
11/6/2016	18:00:00	0	134.056	17.8	4371.2
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11/6/2016	18:45:00	0	134.047	17.8	4352.9
11/6/2016	19:00:00	0	134.028	17.8	4459.3
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11/6/2016	20:00:00	0	134.035	17.8	4465
11/6/2016	20:15:00	0	133.993	17.8	4476.5
11/6/2016	20:30:00	0	134.013	17.8	4473
11/6/2016	20:45:00	0	134.036	17.8	4515.4
11/6/2016	21:00:00	0	134.034	17.8	4562.3
11/6/2016	21:15:00	0	134.055	17.8	4544
11/6/2016	21:30:00	0	134.023	17.8	4611.5
11/6/2016	21:45:00	0	133.988	17.8	4625.2
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Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-7S LT Test_2016-11-10_16-21-44-359-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-7S LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/28/2015 4:09:42 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 11/28/2015 5:00:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/28/2015 4:09:52 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 4:10:40 PM	Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 4:11:47 PM	Device Taken Offline
11/28/2015 4:13:26 PM	Conductivity calibration. Sensor SN: 427086 Cell Constant: 1.01973 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 4:14:17 PM	Device Put Online
11/28/2015 4:14:18 PM	Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55:05 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40:32 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar
12/10/2015 10:54:49 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw Interval - Start Time: 11/28/2015 5:00:00 PM Stop Time: 12/10/2015 11:30:00 AM
12/17/2015 10:22:31 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08:12 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38:18 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/14/2016 11:36:01 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 11:30:00 AM
1/21/2016 9:52:24 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:45:00 AM
1/28/2016 10:10:00 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56:04 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM
2/11/2016 8:06:16 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM
2/18/2016 10:45:03 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 10:12:00 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53:38 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:44:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 2:24:53 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM
3/24/2016 9:41:10 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 12:03:59 PM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM
4/7/2016 10:57:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09:55 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM
4/21/2016 9:05:20 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM
4/28/2016 10:19:22 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:15:57 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM
5/12/2016 9:13:18 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 12:16:23 PM	Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
5/26/2016 8:37:42 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM
6/2/2016 10:47:40 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
6/9/2016 8:35:24 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:23:58 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 9:06:49 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 10:55:42 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM
7/8/2016 11:18:07 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 3:47:33 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM
7/21/2016 4:46:41 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM
7/28/2016 5:35:19 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM
8/4/2016 8:45:40 AM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM
8/11/2016 11:27:05 AM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:15:00 PM
8/18/2016 2:52:48 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM
8/25/2016 1:03:44 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 10:04:43 AM	Log Download - Used Battery: 14% Used Memory: 32% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 10:45:00 AM
9/8/2016 5:49:23 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 1:15:00 PM	Log Download - Used Battery: 15% Used Memory: 34% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 2:00:00 PM
9/22/2016 11:02:04 AM	Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 12:00:00 PM
10/1/2016 9:35:42 AM	Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:30:00 AM
10/7/2016 4:29:40 PM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:15:00 PM
10/7/2016 4:30:09 PM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:30:00 PM
10/13/2016 3:44:56 PM	Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:30:00 PM
10/20/2016 3:35:05 PM	Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:00:00 PM
10/27/2016 3:10:37 PM	Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:00:00 PM
11/3/2016 2:59:25 PM	Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:45:00 PM
11/10/2016 4:15:44 PM	Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 5:00:00 PM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 750
Sensors: 2
1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086
Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: Baro-Adj Calc SN#: 000000						
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Total Dissolved Solids (ppt)	Salinity (PSU)
Resistivity (ohm-cm)		Water Density (g/cm3)	Barometric Pressure (PSI)					
11/3/2016 12:00:00 AM	7200.000	12.120	17.646	27.625	1824.054	2122.113	1.443	1.095
548.229	1.000	14.798						
11/3/2016 12:15:00 AM	8100.000	12.120	17.647	27.626	1823.175	2121.083	1.442	1.095
548.494	1.000	14.795						
11/3/2016 12:30:00 AM	9000.000	12.124	17.647	27.634	1824.083	2122.126	1.443	1.095
548.221	1.000	14.792						
11/3/2016 12:45:00 AM	9900.000	12.119	17.648	27.622	1824.183	2122.206	1.443	1.095
548.191	1.000	14.796						
11/3/2016 1:00:00 AM	10800.000	12.124	17.647	27.634	1824.445	2122.535	1.443	1.095
548.112	1.000	14.791						
11/3/2016 1:15:00 AM	11700.000	12.117	17.647	27.618	1823.990	2122.030	1.443	1.095
548.249	1.000	14.798						
11/3/2016 1:30:00 AM	12600.000	12.119	17.647	27.623	1824.716	2122.842	1.444	1.096
548.031	1.000	14.794						
11/3/2016 1:45:00 AM	13500.000	12.118	17.647	27.620	1823.241	2121.122	1.442	1.095
548.474	1.000	14.796						
11/3/2016 2:00:00 AM	14400.000	12.113	17.647	27.610	1823.569	2121.500	1.443	1.095
548.375	1.000	14.799						
11/3/2016 2:15:00 AM	15300.000	12.111	17.647	27.604	1823.789	2121.785	1.443	1.095
548.309	1.000	14.802						
11/3/2016 2:30:00 AM	16200.000	12.107	17.647	27.596	1824.118	2122.150	1.443	1.095
548.210	1.000	14.807						
11/3/2016 2:45:00 AM	17100.000	12.111	17.648	27.606	1824.722	2122.837	1.444	1.096
548.029	1.000	14.802						
11/3/2016 3:00:00 AM	18000.000	12.116	17.647	27.616	1824.686	2122.812	1.444	1.096
548.039	1.000	14.798						
11/3/2016 3:15:00 AM	18900.000	12.113	17.647	27.609	1824.504	2122.600	1.443	1.095
548.094	1.000	14.802						
11/3/2016 3:30:00 AM	19800.000	12.113	17.647	27.608	1825.109	2123.316	1.444	1.096
547.912	1.000	14.803						
11/3/2016 3:45:00 AM	20700.000	12.115	17.647	27.615	1825.277	2123.495	1.444	1.096
547.862	1.000	14.800						
11/3/2016 4:00:00 AM	21600.000	12.115	17.647	27.614	1825.333	2123.560	1.444	1.096
547.845	1.000	14.799						
11/3/2016 4:15:00 AM	22500.000	12.116	17.647	27.617	1825.211	2123.410	1.444	1.096
547.882	1.000	14.797						
11/3/2016 4:30:00 AM	23400.000	12.119	17.647	27.624	1824.105	2122.136	1.443	1.095
548.214	1.000	14.795						
11/3/2016 4:45:00 AM	24300.000	12.114	17.648	27.613	1824.334	2122.385	1.443	1.095
548.145	1.000	14.801						
11/3/2016 5:00:00 AM	25200.000	12.117	17.647	27.619	1824.769	2122.924	1.444	1.096
548.015	1.000	14.797						
11/3/2016 5:15:00 AM	26100.000	12.113	17.647	27.609	1823.944	2121.961	1.443	1.095
548.262	1.000	14.802						
11/3/2016 5:30:00 AM	27000.000	12.116	17.647	27.617	1823.824	2121.796	1.443	1.095
548.299	1.000	14.799						
11/3/2016 5:45:00 AM	27900.000	12.121	17.647	27.626	1823.692	2121.643	1.443	1.095
548.338	1.000	14.794						
11/3/2016 6:00:00 AM	28800.000	12.109	17.647	27.600	1824.038	2122.070	1.443	1.095
548.234	1.000	14.806						
11/3/2016 6:15:00 AM	29700.000	12.112	17.647	27.607	1824.464	2122.566	1.443	1.095
548.106	1.000	14.803						
11/3/2016 6:30:00 AM	30600.000	12.117	17.647	27.617	1824.382	2122.458	1.443	1.095
548.131	1.000	14.799						
11/3/2016 6:45:00 AM	31500.000	12.112	17.647	27.608	1824.288	2122.352	1.443	1.095
548.159	1.000	14.804						
11/3/2016 7:00:00 AM	32400.000	12.119	17.648	27.624	1823.468	2121.349	1.443	1.095
548.406	1.000	14.797						
11/3/2016 7:15:00 AM	33300.000	12.123	17.646	27.633	1823.744	2121.749	1.443	1.095
548.323	1.000	14.792						
11/3/2016 7:30:00 AM	34200.000	12.115	17.646	27.613	1823.818	2121.834	1.443	1.095
548.300	1.000	14.799						
11/3/2016 7:45:00 AM	35100.000	12.116	17.646	27.616	1823.917	2121.962	1.443	1.095
548.271	1.000	14.800						
11/3/2016 8:00:00 AM	36000.000	12.120	17.647	27.625	1823.406	2121.339	1.443	1.095
548.424	1.000	14.796						
11/3/2016 8:15:00 AM	36900.000	12.112	17.648	27.607	1823.330	2121.185	1.442	1.095
548.447	1.000	14.804						
11/3/2016 8:30:00 AM	37800.000	12.108	17.647	27.598	1822.526	2120.294	1.442	1.094
548.689	1.000	14.807						
11/3/2016 8:45:00 AM	38700.000	12.114	17.647	27.611	1822.265	2119.990	1.442	1.094
548.768	1.000	14.804						
11/3/2016 9:00:00 AM	39600.000	12.113	17.648	27.609	1822.490	2120.241	1.442	1.094
548.700	1.000	14.806						
11/3/2016 9:15:00 AM	40500.000	12.109	17.647	27.601	1822.567	2120.333	1.442	1.094
548.677	1.000	14.810						
11/3/2016 9:30:00 AM	41400.000	12.109	17.647	27.601	1822.528	2120.289	1.442	1.094
548.688	1.000	14.809						
11/3/2016 9:45:00 AM	42300.000	12.112	17.647	27.606	1822.047	2119.749	1.441	1.094
548.833	1.000	14.807						
11/3/2016 10:00:00 AM	43200.000	12.115	17.648	27.614	1822.033	2119.709	1.441	1.094
548.837	1.000	14.804						
11/3/2016 10:15:00 AM	44100.000	12.121	17.646	27.628	1822.086	2119.836	1.441	1.094
548.822	1.000	14.799						
11/3/2016 10:30:00 AM	45000.000	12.116	17.647	27.617	1822.050	2119.732	1.441	1.094
548.833	1.000	14.803						
11/3/2016 10:45:00 AM	45900.000	12.120	17.648	27.625	1821.958	2119.621	1.441	1.094
548.860	1.000	14.800						
11/3/2016 11:00:00 AM	46800.000	12.120	17.647	27.625	1822.777	2120.607	1.442	1.094
548.613	1.000	14.798						
11/3/2016 11:15:00 AM	47700.000	12.118	17.647	27.621	1822.963	2120.807	1.442	1.094
548.558	1.000	14.799						
11/3/2016 11:30:00 AM	48600.000	12.119	17.646	27.623	1823.851	2121.894	1.443	1.095
548.290	1.000	14.798						
11/3/2016 11:45:00 AM	49500.000	12.126	17.647	27.639	1822.682	2120.480	1.442	1.094
548.642	1.000	14.789						
11/3/2016 12:00:00 PM	50400.000	12.127	17.648	27.642	1822.337	2120.063	1.442	1.094
548.746	1.000	14.790						
11/3/2016 12:15:00 PM	51300.000	12.124	17.647	27.633	1822.324	2120.084	1.442	1.094
548.750	1.000	14.792						
11/3/2016 12:30:00 PM	52200.000	12.129	17.647	27.647	1822.713	2120.516	1.442	1.094
548.633	1.000	14.784						
11/3/2016 12:45:00 PM	53100.000	12.128	17.647	27.643	1823.312	2121.221	1.442	1.095
548.453	1.000	14.786						
11/3/2016 1:00:00 PM	54000.000	12.128	17.647	27.643	1823.702	2121.659	1.443	1.095
548.335	1.000	14.784						
11/3/2016 1:15:00 PM	54900.000	12.134	17.647	27.658	1824.423	2122.493	1.443	1.095
548.118	1.000	14.775						
11/3/2016 1:30:00 PM	55800.000	12.133	17.647	27.654	1824.149	2122.195	1.443	1.095
548.201	1.000	14.775						
11/3/2016 1:45:00 PM	56700.000	12.133	17.648	27.656	1824.169	2122.185	1.443	1.095
548.195	1.000	14.772						
11/3/2016 2:00:00 PM	57600.000	12.139	17.647	27.668	1824.376	2122.447	1.443	1.095
548.133	1.000	14.764						
11/3/2016 2:15:00 PM	58500.000	12.139	17.648	27.669	1823.064	2120.900	1.442	1.095
548.527	1.000	14.761						
11/3/2016 2:30:00 PM	59400.000	12.140	17.647	27.672	1823.305	2121.205	1.442	1.095
548.455	1.000	14.759						
11/3/2016 2:45:00 PM	60300.000	12.134	17.647	27.658	1823.998	2121.998	1.443	1.095
548.246	1.000	14.761						
11/3/2016 3:00:00 PM	61200.000	12.133	17.648	27.655	1824.691	2122.755	1.443	1.096
548.038	1.000	14.762						
11/3/2016 3:15:00 PM	62100.000	12.138	17.648	27.667	1825.532	2123.771	1.444	1.096
547.785	1.000	14.755						

11/3/2016 3:30:00 PM	63000.000	12.131	17.647	27.651	1825.489	2123.770	1.444	1.096
547.798	1.000	14.760						
11/3/2016 3:45:00 PM	63900.000	12.134	17.648	27.658	1825.322	2123.526	1.444	1.096
547.849	1.000	14.756						
11/3/2016 4:00:00 PM	64800.000	12.125	17.648	27.637	1825.555	2123.802	1.444	1.096
547.779	1.000	14.762						
11/3/2016 4:15:00 PM	65700.000	12.125	17.647	27.637	1824.652	2122.768	1.443	1.096
548.050	1.000	14.762						
11/3/2016 4:30:00 PM	66600.000	12.128	17.647	27.643	1824.262	2122.335	1.443	1.095
548.167	1.000	14.759						
11/3/2016 4:45:00 PM	67500.000	12.125	17.648	27.637	1823.143	2120.992	1.442	1.095
548.503	1.000	14.762						
11/3/2016 5:00:00 PM	68400.000	12.128	17.646	27.643	1824.111	2122.204	1.443	1.095
548.212	1.000	14.758						
11/3/2016 5:15:00 PM	69300.000	12.126	17.647	27.639	1824.529	2122.629	1.443	1.095
548.087	1.000	14.759						
11/3/2016 5:30:00 PM	70200.000	12.124	17.647	27.634	1824.327	2122.402	1.443	1.095
548.147	1.000	14.761						
11/3/2016 5:45:00 PM	71100.000	12.122	17.648	27.629	1824.968	2123.102	1.444	1.096
547.955	1.000	14.761						
11/3/2016 6:00:00 PM	72000.000	12.126	17.648	27.638	1825.377	2123.582	1.444	1.096
547.832	1.000	14.758						
11/3/2016 6:15:00 PM	72900.000	12.126	17.648	27.638	1825.473	2123.694	1.444	1.096
547.803	1.000	14.756						
11/3/2016 6:30:00 PM	73800.000	12.123	17.647	27.632	1825.374	2123.616	1.444	1.096
547.833	1.000	14.760						
11/3/2016 6:45:00 PM	74700.000	12.126	17.646	27.638	1825.488	2123.806	1.444	1.096
547.799	1.000	14.757						
11/3/2016 7:00:00 PM	75600.000	12.120	17.647	27.624	1824.359	2122.419	1.443	1.095
548.138	1.000	14.761						
11/3/2016 7:15:00 PM	76500.000	12.120	17.647	27.625	1824.232	2122.275	1.443	1.095
548.176	1.000	14.761						
11/3/2016 7:30:00 PM	77400.000	12.122	17.647	27.631	1824.031	2122.066	1.443	1.095
548.236	1.000	14.759						
11/3/2016 7:45:00 PM	78300.000	12.118	17.648	27.620	1823.761	2121.711	1.443	1.095
548.317	1.000	14.764						
11/3/2016 8:00:00 PM	79200.000	12.118	17.648	27.621	1823.787	2121.736	1.443	1.095
548.310	1.000	14.764						
11/3/2016 8:15:00 PM	80100.000	12.125	17.648	27.637	1824.035	2122.021	1.443	1.095
548.235	1.000	14.757						
11/3/2016 8:30:00 PM	81000.000	12.114	17.648	27.611	1823.580	2121.496	1.443	1.095
548.372	1.000	14.768						
11/3/2016 8:45:00 PM	81900.000	12.121	17.647	27.627	1823.779	2121.748	1.443	1.095
548.312	1.000	14.762						
11/3/2016 9:00:00 PM	82800.000	12.121	17.648	27.627	1823.976	2121.965	1.443	1.095
548.253	1.000	14.762						
11/3/2016 9:15:00 PM	83700.000	12.121	17.647	27.627	1824.322	2122.375	1.443	1.095
548.149	1.000	14.761						
11/3/2016 9:30:00 PM	84600.000	12.124	17.647	27.633	1823.222	2121.104	1.442	1.095
548.480	1.000	14.759						
11/3/2016 9:45:00 PM	85500.000	12.119	17.647	27.623	1821.891	2119.569	1.441	1.094
548.880	1.000	14.764						
11/3/2016 10:00:00 PM	86400.000	12.118	17.647	27.621	1821.457	2119.071	1.441	1.094
549.011	1.000	14.765						
11/3/2016 10:15:00 PM	87300.000	12.123	17.648	27.632	1821.454	2119.018	1.441	1.094
549.012	1.000	14.763						
11/3/2016 10:30:00 PM	88200.000	12.114	17.647	27.611	1821.378	2118.988	1.441	1.093
549.035	1.000	14.770						
11/3/2016 10:45:00 PM	89100.000	12.122	17.647	27.631	1822.040	2119.729	1.441	1.094
548.835	1.000	14.763						
11/3/2016 11:00:00 PM	90000.000	12.115	17.647	27.613	1822.347	2120.091	1.442	1.094
548.743	1.000	14.770						
11/3/2016 11:15:00 PM	90900.000	12.117	17.647	27.617	1822.110	2119.823	1.441	1.094
548.814	1.000	14.769						
11/3/2016 11:30:00 PM	91800.000	12.120	17.647	27.624	1822.136	2119.853	1.442	1.094
548.807	1.000	14.766						
11/3/2016 11:45:00 PM	92700.000	12.115	17.646	27.613	1821.538	2119.186	1.441	1.094
548.987	1.000	14.771						
11/4/2016 12:00:00 AM	93600.000	12.115	17.647	27.613	1821.683	2119.310	1.441	1.094
548.943	1.000	14.771						
11/4/2016 12:15:00 AM	94500.000	12.124	17.648	27.633	1821.319	2118.849	1.441	1.093
549.053	1.000	14.764						
11/4/2016 12:30:00 AM	95400.000	12.118	17.647	27.621	1821.088	2118.630	1.441	1.093
549.122	1.000	14.768						
11/4/2016 12:45:00 AM	96300.000	12.121	17.647	27.627	1821.391	2118.978	1.441	1.093
549.031	1.000	14.765						
11/4/2016 1:00:00 AM	97200.000	12.119	17.646	27.623	1821.899	2119.602	1.441	1.094
548.878	1.000	14.768						
11/4/2016 1:15:00 AM	98100.000	12.123	17.647	27.631	1822.036	2119.741	1.441	1.094
548.837	1.000	14.764						
11/4/2016 1:30:00 AM	99000.000	12.124	17.647	27.634	1820.659	2118.122	1.440	1.093
549.252	1.000	14.760						
11/4/2016 1:45:00 AM	99900.000	12.122	17.647	27.631	1820.161	2117.543	1.440	1.093
549.402	1.000	14.764						
11/4/2016 2:00:00 AM	100800.000	12.116	17.647	27.617	1820.588	2118.032	1.440	1.093
549.273	1.000	14.770						
11/4/2016 2:15:00 AM	101700.000	12.117	17.648	27.618	1821.387	2118.957	1.441	1.093
549.032	1.000	14.769						
11/4/2016 2:30:00 AM	102600.000	12.119	17.648	27.623	1822.644	2120.416	1.442	1.094
548.653	1.000	14.768						
11/4/2016 2:45:00 AM	103500.000	12.115	17.646	27.614	1823.178	2121.099	1.442	1.095
548.493	1.000	14.771						
11/4/2016 3:00:00 AM	104400.000	12.120	17.649	27.625	1822.532	2120.240	1.442	1.094
548.687	1.000	14.766						
11/4/2016 3:15:00 AM	105300.000	12.112	17.647	27.607	1823.487	2121.408	1.443	1.095
548.400	1.000	14.774						
11/4/2016 3:30:00 AM	106200.000	12.115	17.647	27.614	1823.349	2121.244	1.442	1.095
548.441	1.000	14.773						
11/4/2016 3:45:00 AM	107100.000	12.120	17.647	27.626	1822.548	2120.328	1.442	1.094
548.682	1.000	14.769						
11/4/2016 4:00:00 AM	108000.000	12.116	17.647	27.615	1822.145	2119.864	1.442	1.094
548.804	1.000	14.774						
11/4/2016 4:15:00 AM	108900.000	12.116	17.647	27.616	1821.874	2119.541	1.441	1.094
548.885	1.000	14.774						
11/4/2016 4:30:00 AM	109800.000	12.121	17.646	27.627	1822.114	2119.860	1.442	1.094
548.813	1.000	14.769						
11/4/2016 4:45:00 AM	110700.000	12.113	17.648	27.608	1821.781	2119.412	1.441	1.094
548.913	1.000	14.778						
11/4/2016 5:00:00 AM	111600.000	12.124	17.648	27.633	1822.487	2120.237	1.442	1.094
548.701	1.000	14.769						
11/4/2016 5:15:00 AM	112500.000	12.119	17.647	27.624	1822.556	2120.354	1.442	1.094
548.680	1.000	14.772						
11/4/2016 5:30:00 AM	113400.000	12.117	17.648	27.619	1822.712	2120.481	1.442	1.094
548.633	1.000	14.775						
11/4/2016 5:45:00 AM	114300.000	12.112	17.648	27.608	1822.839	2120.617	1.442	1.094
548.595	1.000	14.778						
11/4/2016 6:00:00 AM	115200.000	12.113	17.648	27.609	1823.153	2121.012	1.442	1.095
548.500	1.000	14.778						
11/4/2016 6:15:00 AM	116100.000	12.119	17.648	27.622	1823.612	2121.537	1.443	1.095
548.362	1.000	14.775						
11/4/2016 6:30:00 AM	117000.000	12.117	17.647	27.619	1823.227	2121.114	1.442	1.095
548.478	1.000	14.776						
11/4/2016 6:45:00 AM	117900.000	12.121	17.647	27.626	1822.631	2120.409	1.442	1.094
548.657	1.000	14.774						
11/4/2016 7:00:00 AM	118800.000	12.121	17.646	27.628	1822.557	2120.377	1.442	1.094
548.680	1.000	14.774						
11/4/2016 7:15:00 AM	119700.000	12.124	17.647	27.634	1822.768	2120.589	1.442	1.094
548.616	1.000	14.772						
11/4/2016 7:30:00 AM	120600.000	12.126	17.647	27.640	1822.636	2120.414	1.442	1.094
548.656	1.000	14.769						
11/4/2016 7:45:00 AM	121500.000	12.127	17.647	27.641	1822.448	2120.212	1.442	1.094
548.713	1.000	14.768						
11/4/2016 8:00:00 AM	122400.000	12.118	17.647	27.621	1822.674	2120.466	1.442	1.094

548.645	1.000	14.774						
11/4/2016 8:15:00 AM	123300.000	12.116	17.647	27.615	1822.755	2120.556	1.442	1.094
548.620	1.000	14.778						
11/4/2016 8:30:00 AM	124200.000	12.124	17.647	27.634	1822.801	2120.643	1.442	1.094
548.606	1.000	14.770						
11/4/2016 8:45:00 AM	125100.000	12.118	17.648	27.621	1822.446	2120.176	1.442	1.094
548.713	1.000	14.775						
11/4/2016 9:00:00 AM	126000.000	12.124	17.648	27.633	1821.799	2119.424	1.441	1.094
548.908	1.000	14.771						
11/4/2016 9:15:00 AM	126900.000	12.109	17.647	27.601	1821.782	2119.426	1.441	1.094
548.913	1.000	14.786						
11/4/2016 9:30:00 AM	127800.000	12.112	17.648	27.608	1821.147	2118.678	1.441	1.093
549.104	1.000	14.783						
11/4/2016 9:45:00 AM	128700.000	12.120	17.646	27.626	1820.951	2118.528	1.441	1.093
549.164	1.000	14.775						
11/4/2016 10:00:00 AM	129600.000	12.116	17.646	27.615	1821.351	2118.968	1.441	1.093
549.043	1.000	14.780						
11/4/2016 10:15:00 AM	130500.000	12.113	17.647	27.610	1820.808	2118.316	1.440	1.093
549.207	1.000	14.782						
11/4/2016 10:30:00 AM	131400.000	12.116	17.647	27.617	1820.865	2118.353	1.440	1.093
549.190	1.000	14.782						
11/4/2016 10:45:00 AM	132300.000	12.112	17.647	27.608	1820.370	2117.786	1.440	1.093
549.339	1.000	14.787						
11/4/2016 11:00:00 AM	133200.000	12.113	17.648	27.609	1820.591	2118.014	1.440	1.093
549.272	1.000	14.785						
11/4/2016 11:15:00 AM	134100.000	12.116	17.646	27.615	1820.970	2118.522	1.441	1.093
549.158	1.000	14.786						
11/4/2016 11:30:00 AM	135000.000	12.115	17.648	27.614	1820.714	2118.142	1.440	1.093
549.235	1.000	14.785						
11/4/2016 11:45:00 AM	135900.000	12.118	17.647	27.620	1821.480	2119.102	1.441	1.094
549.004	1.000	14.785						
11/4/2016 12:00:00 PM	136800.000	12.112	17.647	27.607	1821.429	2119.018	1.441	1.094
549.020	1.000	14.790						
11/4/2016 12:15:00 PM	137700.000	12.117	17.648	27.619	1821.384	2118.907	1.441	1.093
549.033	1.000	14.785						
11/4/2016 12:30:00 PM	138600.000	12.121	17.648	27.628	1821.034	2118.539	1.441	1.093
549.138	1.000	14.782						
11/4/2016 12:45:00 PM	139500.000	12.123	17.648	27.633	1821.792	2119.424	1.441	1.094
548.910	1.000	14.779						
11/4/2016 1:00:00 PM	140400.000	12.129	17.647	27.646	1822.352	2120.117	1.442	1.094
548.741	1.000	14.773						
11/4/2016 1:15:00 PM	141300.000	12.126	17.648	27.639	1823.102	2120.919	1.442	1.095
548.516	1.000	14.775						
11/4/2016 1:30:00 PM	142200.000	12.124	17.648	27.633	1824.289	2122.316	1.443	1.095
548.159	1.000	14.779						
11/4/2016 1:45:00 PM	143100.000	12.126	17.647	27.640	1824.594	2122.696	1.443	1.095
548.067	1.000	14.775						
11/4/2016 2:00:00 PM	144000.000	12.123	17.648	27.633	1824.722	2122.804	1.444	1.096
548.029	1.000	14.778						
11/4/2016 2:15:00 PM	144900.000	12.123	17.648	27.633	1823.691	2121.596	1.443	1.095
548.338	1.000	14.778						
11/4/2016 2:30:00 PM	145800.000	12.122	17.648	27.629	1823.770	2121.700	1.443	1.095
548.315	1.000	14.778						
11/4/2016 2:45:00 PM	146700.000	12.127	17.647	27.641	1824.112	2122.168	1.443	1.095
548.212	1.000	14.774						
11/4/2016 3:00:00 PM	147600.000	12.121	17.647	27.627	1824.583	2122.687	1.443	1.095
548.071	1.000	14.778						
11/4/2016 3:15:00 PM	148500.000	12.124	17.648	27.634	1824.690	2122.796	1.444	1.096
548.038	1.000	14.776						
11/4/2016 3:30:00 PM	149400.000	12.122	17.647	27.630	1824.441	2122.518	1.443	1.095
548.113	1.000	14.778						
11/4/2016 3:45:00 PM	150300.000	12.125	17.648	27.636	1824.315	2122.331	1.443	1.095
548.151	1.000	14.775						
11/4/2016 4:00:00 PM	151200.000	12.123	17.647	27.632	1824.703	2122.835	1.444	1.096
548.034	1.000	14.777						
11/4/2016 4:15:00 PM	152100.000	12.121	17.647	27.626	1824.440	2122.538	1.443	1.095
548.114	1.000	14.780						
11/4/2016 4:30:00 PM	153000.000	12.120	17.646	27.626	1825.369	2123.651	1.444	1.096
547.834	1.000	14.779						
11/4/2016 4:45:00 PM	153900.000	12.124	17.647	27.635	1824.281	2122.340	1.443	1.095
548.161	1.000	14.776						
11/4/2016 5:00:00 PM	154800.000	12.122	17.648	27.630	1824.040	2122.031	1.443	1.095
548.234	1.000	14.778						
11/4/2016 5:15:00 PM	155700.000	12.121	17.647	27.627	1824.029	2122.043	1.443	1.095
548.237	1.000	14.780						
11/4/2016 5:30:00 PM	156600.000	12.121	17.648	27.627	1824.362	2122.389	1.443	1.095
548.137	1.000	14.780						
11/4/2016 5:45:00 PM	157500.000	12.126	17.648	27.639	1825.288	2123.474	1.444	1.096
547.859	1.000	14.774						
11/4/2016 6:00:00 PM	158400.000	12.122	17.647	27.630	1825.205	2123.424	1.444	1.096
547.884	1.000	14.777						
11/4/2016 6:15:00 PM	159300.000	12.127	17.647	27.641	1825.290	2123.543	1.444	1.096
547.858	1.000	14.774						
11/4/2016 6:30:00 PM	160200.000	12.124	17.647	27.635	1823.849	2121.859	1.443	1.095
548.291	1.000	14.775						
11/4/2016 6:45:00 PM	161100.000	12.117	17.647	27.618	1822.468	2120.223	1.442	1.094
548.706	1.000	14.778						
11/4/2016 7:00:00 PM	162000.000	12.125	17.648	27.636	1822.804	2120.568	1.442	1.094
548.605	1.000	14.775						
11/4/2016 7:15:00 PM	162900.000	12.124	17.647	27.633	1822.718	2120.531	1.442	1.094
548.631	1.000	14.776						
11/4/2016 7:30:00 PM	163800.000	12.122	17.647	27.630	1823.142	2121.023	1.442	1.095
548.504	1.000	14.778						
11/4/2016 7:45:00 PM	164700.000	12.124	17.648	27.634	1823.481	2121.381	1.443	1.095
548.402	1.000	14.776						
11/4/2016 8:00:00 PM	165600.000	12.118	17.648	27.620	1823.578	2121.506	1.443	1.095
548.372	1.000	14.781						
11/4/2016 8:15:00 PM	166500.000	12.126	17.648	27.638	1823.807	2121.731	1.443	1.095
548.304	1.000	14.773						
11/4/2016 8:30:00 PM	167400.000	12.124	17.647	27.634	1824.097	2122.121	1.443	1.095
548.217	1.000	14.776						
11/4/2016 8:45:00 PM	168300.000	12.117	17.648	27.618	1824.577	2122.639	1.443	1.095
548.072	1.000	14.782						
11/4/2016 9:00:00 PM	169200.000	12.120	17.648	27.625	1824.397	2122.454	1.443	1.095
548.126	1.000	14.781						
11/4/2016 9:15:00 PM	170100.000	12.121	17.649	27.627	1825.230	2123.374	1.444	1.096
547.876	1.000	14.780						
11/4/2016 9:30:00 PM	171000.000	12.115	17.648	27.613	1824.913	2123.042	1.444	1.096
547.971	1.000	14.786						
11/4/2016 9:45:00 PM	171900.000	12.120	17.647	27.626	1824.277	2122.349	1.443	1.095
548.162	1.000	14.782						
11/4/2016 10:00:00 PM	172800.000	12.119	17.647	27.622	1824.599	2122.714	1.443	1.096
548.066	1.000	14.784						
11/4/2016 10:15:00 PM	173700.000	12.123	17.647	27.632	1824.108	2122.139	1.443	1.095
548.213	1.000	14.780						
11/4/2016 10:30:00 PM	174600.000	12.117	17.648	27.618	1823.422	2121.303	1.442	1.095
548.419	1.000	14.787						
11/4/2016 10:45:00 PM	175500.000	12.112	17.648	27.607	1822.987	2120.802	1.442	1.094
548.550	1.000	14.792						
11/4/2016 11:00:00 PM	176400.000	12.114	17.648	27.611	1823.165	2121.022	1.442	1.095
548.497	1.000	14.792						
11/4/2016 11:15:00 PM	177300.000	12.111	17.648	27.605	1823.316	2121.192	1.442	1.095
548.451	1.000	14.795						
11/4/2016 11:30:00 PM	178200.000	12.116	17.648	27.615	1824.204	2122.201	1.443	1.095
548.184	1.000	14.791						
11/4/2016 11:45:00 PM	179100.000	12.111	17.648	27.604	1824.488	2122.565	1.443	1.095
548.099	1.000	14.794						
11/5/2016 12:00:00 AM	180000.000	12.113	17.648	27.610	1824.824	2122.955	1.444	1.096
547.998	1.000	14.795						
11/5/2016 12:15:00 AM	180900.000	12.115	17.647	27.615	1824.959	2123.142	1.444	1.096
547.958	1.000	14.795						
11/5/2016 12:30:00 AM	181800.000	12.111	17.648	27.605	1824.127	2122.137	1.443	1.095
548.207	1.000	14.796						

11/5/2016 12:45:00 AM	182700.000	12.119	17.648	27.622	1823.530	2121.450	1.443	1.095
548.387	1.000	14.793						
11/5/2016 1:00:00 AM	183600.000	12.131	17.648	27.650	1823.672	2121.607	1.443	1.095
548.344	1.000	14.781						
11/5/2016 1:15:00 AM	184500.000	12.128	17.648	27.644	1823.309	2121.151	1.442	1.095
548.453	1.000	14.784						
11/5/2016 1:30:00 AM	185400.000	12.118	17.647	27.621	1823.527	2121.484	1.443	1.095
548.388	1.000	14.793						
11/5/2016 1:45:00 AM	186300.000	12.124	17.646	27.635	1824.073	2122.144	1.443	1.095
548.224	1.000	14.788						
11/5/2016 2:00:00 AM	187200.000	12.127	17.647	27.642	1823.143	2121.017	1.442	1.095
548.503	1.000	14.785						
11/5/2016 2:15:00 AM	188100.000	12.127	17.647	27.640	1822.085	2119.773	1.441	1.094
548.822	1.000	14.786						
11/5/2016 2:30:00 AM	189000.000	12.130	17.648	27.648	1821.678	2119.250	1.441	1.094
548.945	1.000	14.781						
11/5/2016 2:45:00 AM	189900.000	12.128	17.648	27.644	1820.609	2118.019	1.440	1.093
549.267	1.000	14.783						
11/5/2016 3:00:00 AM	190800.000	12.129	17.647	27.646	1820.714	2118.190	1.440	1.093
549.235	1.000	14.781						
11/5/2016 3:15:00 AM	191700.000	12.126	17.648	27.640	1820.825	2118.295	1.440	1.093
549.202	1.000	14.785						
11/5/2016 3:30:00 AM	192600.000	12.127	17.647	27.642	1820.946	2118.453	1.441	1.093
549.165	1.000	14.783						
11/5/2016 3:45:00 AM	193500.000	12.122	17.648	27.629	1821.123	2118.645	1.441	1.093
549.112	1.000	14.788						
11/5/2016 4:00:00 AM	194400.000	12.121	17.647	27.628	1822.403	2120.172	1.442	1.094
548.726	1.000	14.789						
11/5/2016 4:15:00 AM	195300.000	12.127	17.648	27.640	1822.177	2119.868	1.442	1.094
548.794	1.000	14.785						
11/5/2016 4:30:00 AM	196200.000	12.132	17.648	27.652	1822.142	2119.806	1.441	1.094
548.805	1.000	14.778						
11/5/2016 4:45:00 AM	197100.000	12.135	17.647	27.658	1822.661	2120.456	1.442	1.094
548.648	1.000	14.774						
11/5/2016 5:00:00 AM	198000.000	12.135	17.647	27.658	1822.789	2120.625	1.442	1.094
548.610	1.000	14.773						
11/5/2016 5:15:00 AM	198900.000	12.139	17.648	27.669	1822.798	2120.590	1.442	1.094
548.607	1.000	14.769						
11/5/2016 5:30:00 AM	199800.000	12.136	17.648	27.663	1822.985	2120.817	1.442	1.094
548.551	1.000	14.770						
11/5/2016 5:45:00 AM	200700.000	12.136	17.648	27.661	1823.874	2121.846	1.443	1.095
548.284	1.000	14.769						
11/5/2016 6:00:00 AM	201600.000	12.137	17.648	27.665	1823.838	2121.796	1.443	1.095
548.294	1.000	14.767						
11/5/2016 6:15:00 AM	202500.000	12.132	17.648	27.653	1823.619	2121.525	1.443	1.095
548.360	1.000	14.771						
11/5/2016 6:30:00 AM	203400.000	12.130	17.647	27.649	1824.303	2122.378	1.443	1.095
548.155	1.000	14.773						
11/5/2016 6:45:00 AM	204300.000	12.129	17.648	27.646	1823.161	2121.008	1.442	1.095
548.498	1.000	14.772						
11/5/2016 7:00:00 AM	205200.000	12.131	17.648	27.650	1822.814	2120.617	1.442	1.094
548.602	1.000	14.771						
11/5/2016 7:15:00 AM	206100.000	12.127	17.648	27.642	1824.259	2122.285	1.443	1.095
548.168	1.000	14.774						
11/5/2016 7:30:00 AM	207000.000	12.127	17.648	27.642	1823.774	2121.697	1.443	1.095
548.313	1.000	14.774						
11/5/2016 7:45:00 AM	207900.000	12.130	17.647	27.649	1823.406	2121.309	1.442	1.095
548.424	1.000	14.770						
11/5/2016 8:00:00 AM	208800.000	12.125	17.647	27.637	1822.568	2120.335	1.442	1.094
548.676	1.000	14.773						
11/5/2016 8:15:00 AM	209700.000	12.130	17.647	27.649	1820.520	2117.960	1.440	1.093
549.294	1.000	14.775						
11/5/2016 8:30:00 AM	210600.000	12.129	17.647	27.645	1820.703	2118.181	1.440	1.093
549.239	1.000	14.771						
11/5/2016 8:45:00 AM	211500.000	12.126	17.647	27.639	1820.000	2117.385	1.440	1.093
549.450	1.000	14.774						
11/5/2016 9:00:00 AM	212400.000	12.131	17.648	27.650	1819.647	2116.908	1.439	1.092
549.557	1.000	14.769						
11/5/2016 9:15:00 AM	213300.000	12.133	17.648	27.654	1820.227	2117.575	1.440	1.093
549.382	1.000	14.767						
11/5/2016 9:30:00 AM	214200.000	12.130	17.648	27.647	1820.941	2118.414	1.441	1.093
549.167	1.000	14.769						
11/5/2016 9:45:00 AM	215100.000	12.124	17.648	27.634	1821.651	2119.252	1.441	1.094
548.953	1.000	14.775						
11/5/2016 10:00:00 AM	216000.000	12.114	17.648	27.612	1821.281	2118.817	1.441	1.093
549.064	1.000	14.786						
11/5/2016 10:15:00 AM	216900.000	12.125	17.648	27.637	1821.048	2118.550	1.441	1.093
549.134	1.000	14.774						
11/5/2016 10:30:00 AM	217800.000	12.126	17.648	27.639	1821.735	2119.349	1.441	1.094
548.927	1.000	14.774						
11/5/2016 10:45:00 AM	218700.000	12.119	17.647	27.624	1821.870	2119.527	1.441	1.094
548.887	1.000	14.781						
11/5/2016 11:00:00 AM	219600.000	12.123	17.647	27.631	1822.002	2119.681	1.441	1.094
548.847	1.000	14.779						
11/5/2016 11:15:00 AM	220500.000	12.117	17.647	27.619	1822.559	2120.333	1.442	1.094
548.679	1.000	14.785						
11/5/2016 11:30:00 AM	221400.000	12.117	17.648	27.619	1822.983	2120.785	1.442	1.094
548.551	1.000	14.786						
11/5/2016 11:45:00 AM	222300.000	12.124	17.649	27.634	1823.557	2121.411	1.443	1.095
548.379	1.000	14.780						
11/5/2016 12:00:00 PM	223200.000	12.117	17.649	27.619	1823.962	2121.878	1.443	1.095
548.257	1.000	14.786						
11/5/2016 12:15:00 PM	224100.000	12.120	17.647	27.625	1825.102	2123.287	1.444	1.096
547.915	1.000	14.785						
11/5/2016 12:30:00 PM	225000.000	12.121	17.648	27.628	1823.952	2121.924	1.443	1.095
548.260	1.000	14.784						
11/5/2016 12:45:00 PM	225900.000	12.127	17.648	27.640	1823.865	2121.827	1.443	1.095
548.286	1.000	14.780						
11/5/2016 1:00:00 PM	226800.000	12.128	17.647	27.643	1822.960	2120.816	1.442	1.094
548.558	1.000	14.778						
11/5/2016 1:15:00 PM	227700.000	12.124	17.648	27.634	1821.987	2119.609	1.441	1.094
548.851	1.000	14.780						
11/5/2016 1:30:00 PM	228600.000	12.124	17.649	27.635	1821.867	2119.466	1.441	1.094
548.887	1.000	14.781						
11/5/2016 1:45:00 PM	229500.000	12.125	17.648	27.637	1821.983	2119.630	1.441	1.094
548.852	1.000	14.780						
11/5/2016 2:00:00 PM	230400.000	12.129	17.647	27.645	1821.428	2119.025	1.441	1.094
549.020	1.000	14.778						
11/5/2016 2:15:00 PM	231300.000	12.125	17.647	27.637	1822.006	2119.711	1.441	1.094
548.845	1.000	14.780						
11/5/2016 2:30:00 PM	232200.000	12.121	17.648	27.627	1822.409	2120.129	1.442	1.094
548.724	1.000	14.784						
11/5/2016 2:45:00 PM	233100.000	12.132	17.647	27.652	1822.578	2120.367	1.442	1.094
548.673	1.000	14.773						
11/5/2016 3:00:00 PM	234000.000	12.131	17.649	27.649	1822.964	2120.738	1.442	1.094
548.557	1.000	14.773						
11/5/2016 3:15:00 PM	234900.000	12.125	17.648	27.636	1823.105	2120.919	1.442	1.095
548.515	1.000	14.779						
11/5/2016 3:30:00 PM	235800.000	12.126	17.649	27.640	1823.619	2121.483	1.443	1.095
548.360	1.000	14.778						
11/5/2016 3:45:00 PM	236700.000	12.133	17.648	27.654	1824.661	2122.724	1.443	1.096
548.047	1.000	14.772						
11/5/2016 4:00:00 PM	237600.000	12.130	17.648	27.649	1824.863	2122.993	1.444	1.096
547.986	1.000	14.775						
11/5/2016 4:15:00 PM	238500.000	12.132	17.647	27.652	1823.892	2121.888	1.443	1.095
548.278	1.000	14.773						
11/5/2016 4:30:00 PM	239400.000	12.125	17.647	27.636	1824.250	2122.321	1.443	1.095
548.171	1.000	14.779						
11/5/2016 4:45:00 PM	240300.000	12.127	17.648	27.640	1823.574	2121.477	1.443	1.095
548.374	1.000	14.777						
11/5/2016 5:00:00 PM	241200.000	12.129	17.648	27.645	1823.319	2121.176	1.442	1.095
548.450	1.000	14.774						
11/5/2016 5:15:00 PM	242100.000	12.133	17.647	27.655	1823.102	2120.986	1.442	1.095

548.516	1.000	14.769						
11/5/2016 5:30:00 PM	243000.000	12.137	17.648	27.663	1822.792	2120.579	1.442	1.094
548.609	1.000	14.765						
11/5/2016 5:45:00 PM	243900.000	12.133	17.649	27.656	1822.579	2120.290	1.442	1.094
548.673	1.000	14.767						
11/5/2016 6:00:00 PM	244800.000	12.134	17.648	27.657	1822.867	2120.670	1.442	1.094
548.586	1.000	14.767						
11/5/2016 6:15:00 PM	245700.000	12.139	17.648	27.668	1823.479	2121.378	1.443	1.095
548.402	1.000	14.760						
11/5/2016 6:30:00 PM	246600.000	12.138	17.648	27.667	1823.149	2120.994	1.442	1.095
548.502	1.000	14.759						
11/5/2016 6:45:00 PM	247500.000	12.141	17.648	27.673	1822.075	2119.737	1.441	1.094
548.825	1.000	14.757						
11/5/2016 7:00:00 PM	248400.000	12.129	17.648	27.646	1822.575	2120.331	1.442	1.094
548.674	1.000	14.767						
11/5/2016 7:15:00 PM	249300.000	12.133	17.647	27.654	1822.515	2120.274	1.442	1.094
548.692	1.000	14.763						
11/5/2016 7:30:00 PM	250200.000	12.137	17.648	27.665	1822.493	2120.220	1.442	1.094
548.699	1.000	14.757						
11/5/2016 7:45:00 PM	251100.000	12.132	17.648	27.652	1823.248	2121.089	1.442	1.095
548.472	1.000	14.763						
11/5/2016 8:00:00 PM	252000.000	12.135	17.648	27.659	1823.755	2121.699	1.443	1.095
548.319	1.000	14.759						
11/5/2016 8:15:00 PM	252900.000	12.127	17.648	27.642	1824.371	2122.420	1.443	1.095
548.134	1.000	14.766						
11/5/2016 8:30:00 PM	253800.000	12.128	17.648	27.644	1825.416	2123.598	1.444	1.096
547.820	1.000	14.764						
11/5/2016 8:45:00 PM	254700.000	12.136	17.648	27.663	1827.109	2125.572	1.445	1.097
547.313	1.000	14.755						
11/5/2016 9:00:00 PM	255600.000	12.127	17.648	27.641	1827.238	2125.735	1.445	1.097
547.274	1.000	14.764						
11/5/2016 9:15:00 PM	256500.000	12.132	17.648	27.652	1827.633	2126.219	1.446	1.097
547.156	1.000	14.759						
11/5/2016 9:30:00 PM	257400.000	12.132	17.648	27.651	1826.411	2124.760	1.445	1.097
547.522	1.000	14.759						
11/5/2016 9:45:00 PM	258300.000	12.129	17.647	27.646	1825.316	2123.540	1.444	1.096
547.850	1.000	14.761						
11/5/2016 10:00:00 PM	259200.000	12.125	17.648	27.636	1824.999	2123.151	1.444	1.096
547.946	1.000	14.767						
11/5/2016 10:15:00 PM	260100.000	12.126	17.648	27.639	1825.062	2123.216	1.444	1.096
547.927	1.000	14.766						
11/5/2016 10:30:00 PM	261000.000	12.123	17.648	27.632	1825.517	2123.750	1.444	1.096
547.790	1.000	14.769						
11/5/2016 10:45:00 PM	261900.000	12.122	17.649	27.631	1825.564	2123.762	1.444	1.096
547.776	1.000	14.770						
11/5/2016 11:00:00 PM	262800.000	12.120	17.648	27.625	1824.927	2123.043	1.444	1.096
547.967	1.000	14.774						
11/5/2016 11:15:00 PM	263700.000	12.118	17.647	27.621	1825.189	2123.388	1.444	1.096
547.888	1.000	14.776						
11/5/2016 11:30:00 PM	264600.000	12.125	17.648	27.637	1824.630	2122.693	1.443	1.095
548.056	1.000	14.772						
11/5/2016 11:45:00 PM	265500.000	12.130	17.647	27.648	1824.351	2122.430	1.443	1.095
548.140	1.000	14.768						
11/6/2016 12:00:00 AM	266400.000	12.128	17.648	27.644	1823.494	2121.391	1.443	1.095
548.398	1.000	14.769						
11/6/2016 12:15:00 AM	267300.000	12.130	17.649	27.648	1823.118	2120.922	1.442	1.095
548.511	1.000	14.767						
11/6/2016 12:30:00 AM	268200.000	12.137	17.648	27.664	1824.282	2122.284	1.443	1.095
548.161	1.000	14.761						
11/6/2016 12:45:00 AM	269100.000	12.124	17.648	27.634	1824.585	2122.632	1.443	1.095
548.070	1.000	14.773						
11/6/2016 1:00:00 AM	270000.000	12.124	17.648	27.634	1825.132	2123.281	1.444	1.096
547.906	1.000	14.772						
11/6/2016 1:15:00 AM	270900.000	12.126	17.648	27.638	1824.574	2122.648	1.443	1.095
548.073	1.000	14.772						
11/6/2016 1:30:00 AM	271800.000	12.130	17.648	27.647	1824.505	2122.556	1.443	1.095
548.094	1.000	14.769						
11/6/2016 1:45:00 AM	272700.000	12.128	17.648	27.643	1825.373	2123.570	1.444	1.096
547.833	1.000	14.771						
11/6/2016 2:00:00 AM	273600.000	12.126	17.648	27.638	1825.315	2123.498	1.444	1.096
547.851	1.000	14.773						
11/6/2016 2:15:00 AM	274500.000	12.124	17.648	27.635	1824.703	2122.778	1.443	1.096
548.034	1.000	14.775						
11/6/2016 2:30:00 AM	275400.000	12.127	17.647	27.641	1824.016	2122.036	1.443	1.095
548.241	1.000	14.775						
11/6/2016 2:45:00 AM	276300.000	12.131	17.648	27.650	1823.366	2121.260	1.442	1.095
548.436	1.000	14.768						
11/6/2016 2:00:00 AM	277200.000	12.124	17.648	27.634	1825.751	2123.997	1.444	1.096
547.720	1.000	14.775						
11/6/2016 2:15:00 AM	278100.000	12.129	17.648	27.645	1827.327	2125.860	1.446	1.097
547.247	1.000	14.771						
11/6/2016 2:30:00 AM	279000.000	12.128	17.648	27.643	1826.680	2125.091	1.445	1.097
547.441	1.000	14.773						
11/6/2016 2:45:00 AM	279900.000	12.124	17.648	27.635	1825.609	2123.836	1.444	1.096
547.763	1.000	14.776						
11/6/2016 3:00:00 AM	280800.000	12.129	17.648	27.647	1824.793	2122.919	1.444	1.096
548.007	1.000	14.773						
11/6/2016 3:15:00 AM	281700.000	12.126	17.648	27.640	1823.859	2121.804	1.443	1.095
548.288	1.000	14.774						
11/6/2016 3:30:00 AM	282600.000	12.132	17.648	27.652	1822.796	2120.592	1.442	1.094
548.608	1.000	14.769						
11/6/2016 3:45:00 AM	283500.000	12.128	17.647	27.644	1822.631	2120.417	1.442	1.094
548.657	1.000	14.773						
11/6/2016 4:00:00 AM	284400.000	12.133	17.648	27.654	1823.317	2121.194	1.442	1.095
548.451	1.000	14.767						
11/6/2016 4:15:00 AM	285300.000	12.142	17.648	27.675	1822.944	2120.764	1.442	1.094
548.563	1.000	14.757						
11/6/2016 4:30:00 AM	286200.000	12.136	17.648	27.663	1822.420	2120.122	1.442	1.094
548.721	1.000	14.763						
11/6/2016 4:45:00 AM	287100.000	12.135	17.648	27.659	1822.644	2120.378	1.442	1.094
548.654	1.000	14.763						
11/6/2016 5:00:00 AM	288000.000	12.127	17.647	27.641	1823.371	2121.277	1.442	1.095
548.435	1.000	14.770						
11/6/2016 5:15:00 AM	288900.000	12.126	17.648	27.639	1822.926	2120.739	1.442	1.094
548.569	1.000	14.771						
11/6/2016 5:30:00 AM	289800.000	12.129	17.648	27.647	1825.620	2123.860	1.444	1.096
547.759	1.000	14.768						
11/6/2016 5:45:00 AM	290700.000	12.131	17.648	27.650	1824.632	2122.690	1.443	1.095
548.056	1.000	14.765						
11/6/2016 6:00:00 AM	291600.000	12.132	17.648	27.652	1823.665	2121.602	1.443	1.095
548.346	1.000	14.764						
11/6/2016 6:15:00 AM	292500.000	12.115	17.647	27.613	1823.127	2121.006	1.442	1.095
548.508	1.000	14.777						
11/6/2016 6:30:00 AM	293400.000	12.123	17.648	27.631	1822.888	2120.662	1.442	1.094
548.580	1.000	14.773						
11/6/2016 6:45:00 AM	294300.000	12.129	17.647	27.646	1823.088	2120.972	1.442	1.095
548.520	1.000	14.769						
11/6/2016 7:00:00 AM	295200.000	12.127	17.648	27.642	1822.890	2120.697	1.442	1.094
548.579	1.000	14.771						
11/6/2016 7:15:00 AM	296100.000	12.122	17.648	27.630	1822.844	2120.614	1.442	1.094
548.593	1.000	14.777						
11/6/2016 7:30:00 AM	297000.000	12.121	17.647	27.627	1823.439	2121.349	1.443	1.095
548.414	1.000	14.779						
11/6/2016 7:45:00 AM	297900.000	12.126	17.647	27.639	1823.143	2121.017	1.442	1.095
548.503	1.000	14.772						
11/6/2016 8:00:00 AM	298800.000	12.117	17.647	27.619	1823.112	2120.968	1.442	1.095
548.513	1.000	14.783						
11/6/2016 8:15:00 AM	299700.000	12.123	17.647	27.633	1822.313	2120.072	1.442	1.094
548.753	1.000	14.778						
11/6/2016 8:30:00 AM	300600.000	12.120	17.648	27.624	1821.440	2118.986	1.441	1.093
549.016	1.000	14.782						
11/6/2016 8:45:00 AM	301500.000	12.119	17.648	27.622	1820.208	2117.582	1.440	1.093
549.388	1.000	14.784						

11/6/2016 9:00:00 AM	302400.000	12.114	17.649	27.612	1821.448	2118.974	1.441	1.093
549.014	1.000	14.790						
11/6/2016 9:15:00 AM	303300.000	12.120	17.649	27.625	1821.927	2119.531	1.441	1.094
548.870	1.000	14.785						
11/6/2016 9:30:00 AM	304200.000	12.113	17.648	27.608	1821.987	2119.626	1.441	1.094
548.851	1.000	14.793						
11/6/2016 9:45:00 AM	305100.000	12.121	17.648	27.627	1822.521	2120.239	1.442	1.094
548.691	1.000	14.785						
11/6/2016 10:00:00 AM	306000.000	12.123	17.649	27.632	1823.222	2121.034	1.442	1.095
548.479	1.000	14.783						
11/6/2016 10:15:00 AM	306900.000	12.122	17.648	27.630	1823.418	2121.320	1.442	1.095
548.421	1.000	14.786						
11/6/2016 10:30:00 AM	307800.000	12.126	17.648	27.639	1823.760	2121.676	1.443	1.095
548.318	1.000	14.785						
11/6/2016 10:45:00 AM	308700.000	12.120	17.648	27.624	1823.911	2121.860	1.443	1.095
548.272	1.000	14.791						
11/6/2016 11:00:00 AM	309600.000	12.116	17.649	27.615	1824.122	2122.065	1.443	1.095
548.209	1.000	14.795						
11/6/2016 11:15:00 AM	310500.000	12.123	17.649	27.632	1823.563	2121.427	1.443	1.095
548.377	1.000	14.788						
11/6/2016 11:30:00 AM	311400.000	12.123	17.648	27.631	1823.186	2121.021	1.442	1.095
548.490	1.000	14.789						
11/6/2016 11:45:00 AM	312300.000	12.127	17.648	27.640	1823.068	2120.895	1.442	1.095
548.526	1.000	14.784						
11/6/2016 12:00:00 PM	313200.000	12.129	17.648	27.645	1822.650	2120.397	1.442	1.094
548.652	1.000	14.783						
11/6/2016 12:15:00 PM	314100.000	12.132	17.648	27.653	1823.590	2121.499	1.443	1.095
548.369	1.000	14.778						
11/6/2016 12:30:00 PM	315000.000	12.125	17.649	27.638	1822.759	2120.483	1.442	1.094
548.619	1.000	14.787						
11/6/2016 12:45:00 PM	315900.000	12.129	17.647	27.646	1822.845	2120.678	1.442	1.094
548.593	1.000	14.783						
11/6/2016 1:00:00 PM	316800.000	12.130	17.648	27.647	1823.867	2121.804	1.443	1.095
548.286	1.000	14.782						
11/6/2016 1:15:00 PM	317700.000	12.127	17.649	27.641	1824.280	2122.273	1.443	1.095
548.161	1.000	14.785						
11/6/2016 1:30:00 PM	318600.000	12.130	17.648	27.647	1824.334	2122.348	1.443	1.095
548.145	1.000	14.781						
11/6/2016 1:45:00 PM	319500.000	12.132	17.648	27.652	1824.681	2122.765	1.443	1.096
548.041	1.000	14.777						
11/6/2016 2:00:00 PM	320400.000	12.135	17.647	27.658	1824.911	2123.078	1.444	1.096
547.972	1.000	14.775						
11/6/2016 2:15:00 PM	321300.000	12.130	17.648	27.647	1825.291	2123.495	1.444	1.096
547.858	1.000	14.781						
11/6/2016 2:30:00 PM	322200.000	12.130	17.648	27.648	1825.005	2123.142	1.444	1.096
547.944	1.000	14.778						
11/6/2016 2:45:00 PM	323100.000	12.126	17.648	27.639	1825.147	2123.314	1.444	1.096
547.901	1.000	14.782						
11/6/2016 3:00:00 PM	324000.000	12.131	17.647	27.650	1824.833	2122.999	1.444	1.096
547.995	1.000	14.778						
11/6/2016 3:15:00 PM	324900.000	12.129	17.648	27.646	1825.107	2123.260	1.444	1.096
547.913	1.000	14.779						
11/6/2016 3:30:00 PM	325800.000	12.131	17.647	27.650	1824.263	2122.328	1.443	1.095
548.166	1.000	14.778						
11/6/2016 3:45:00 PM	326700.000	12.125	17.648	27.636	1824.525	2122.608	1.443	1.095
548.088	1.000	14.782						
11/6/2016 4:00:00 PM	327600.000	12.123	17.648	27.631	1824.371	2122.424	1.443	1.095
548.134	1.000	14.785						
11/6/2016 4:15:00 PM	328500.000	12.125	17.647	27.637	1824.653	2122.769	1.443	1.096
548.049	1.000	14.784						
11/6/2016 4:30:00 PM	329400.000	12.130	17.646	27.649	1825.450	2123.733	1.444	1.096
547.810	1.000	14.780						
11/6/2016 4:45:00 PM	330300.000	12.125	17.648	27.637	1826.733	2125.176	1.445	1.097
547.425	1.000	14.785						
11/6/2016 5:00:00 PM	331200.000	12.125	17.648	27.637	1826.086	2124.403	1.445	1.096
547.619	1.000	14.785						
11/6/2016 5:15:00 PM	332100.000	12.122	17.648	27.630	1826.887	2125.314	1.445	1.097
547.379	1.000	14.789						
11/6/2016 5:30:00 PM	333000.000	12.125	17.648	27.638	1827.004	2125.463	1.445	1.097
547.344	1.000	14.786						
11/6/2016 5:45:00 PM	333900.000	12.115	17.647	27.613	1827.412	2125.974	1.446	1.097
547.222	1.000	14.796						
11/6/2016 6:00:00 PM	334800.000	12.117	17.648	27.618	1827.059	2125.510	1.445	1.097
547.328	1.000	14.796						
11/6/2016 6:15:00 PM	335700.000	12.126	17.648	27.638	1826.833	2125.268	1.445	1.097
547.395	1.000	14.787						
11/6/2016 6:30:00 PM	336600.000	12.125	17.648	27.637	1827.636	2126.202	1.446	1.097
547.155	1.000	14.790						
11/6/2016 6:45:00 PM	337500.000	12.117	17.648	27.617	1828.305	2126.989	1.446	1.098
546.955	1.000	14.797						
11/6/2016 7:00:00 PM	338400.000	12.118	17.649	27.621	1828.193	2126.805	1.446	1.098
546.988	1.000	14.796						
11/6/2016 7:15:00 PM	339300.000	12.118	17.649	27.620	1828.265	2126.909	1.446	1.098
546.967	1.000	14.798						
11/6/2016 7:30:00 PM	340200.000	12.121	17.648	27.627	1827.482	2126.015	1.446	1.097
547.201	1.000	14.796						
11/6/2016 7:45:00 PM	341100.000	12.115	17.649	27.614	1826.839	2125.237	1.445	1.097
547.394	1.000	14.803						
11/6/2016 8:00:00 PM	342000.000	12.124	17.647	27.635	1826.955	2125.451	1.445	1.097
547.359	1.000	14.794						
11/6/2016 8:15:00 PM	342900.000	12.127	17.648	27.641	1825.600	2123.829	1.444	1.096
547.765	1.000	14.791						
11/6/2016 8:30:00 PM	343800.000	12.125	17.649	27.638	1824.851	2122.933	1.444	1.096
547.990	1.000	14.793						
11/6/2016 8:45:00 PM	344700.000	12.126	17.648	27.640	1824.704	2122.795	1.444	1.096
548.034	1.000	14.794						
11/6/2016 9:00:00 PM	345600.000	12.128	17.649	27.644	1824.580	2122.622	1.443	1.095
548.071	1.000	14.792						
11/6/2016 9:15:00 PM	346500.000	12.128	17.648	27.643	1824.077	2122.079	1.443	1.095
548.222	1.000	14.792						
11/6/2016 9:30:00 PM	347400.000	12.133	17.648	27.656	1823.413	2121.289	1.442	1.095
548.422	1.000	14.785						
11/6/2016 9:45:00 PM	348300.000	12.136	17.648	27.663	1824.434	2122.470	1.443	1.095
548.115	1.000	14.782						
11/6/2016 10:00:00 PM	349200.000	12.133	17.648	27.655	1824.672	2122.771	1.443	1.096
548.044	1.000	14.783						
11/6/2016 10:15:00 PM	350100.000	12.128	17.649	27.643	1824.830	2122.905	1.444	1.096
547.996	1.000	14.788						
11/6/2016 10:30:00 PM	351000.000	12.124	17.648	27.634	1825.445	2123.633	1.444	1.096
547.812	1.000	14.794						
11/6/2016 10:45:00 PM	351900.000	12.129	17.649	27.646	1826.273	2124.584	1.445	1.097
547.563	1.000	14.787						
11/6/2016 11:00:00 PM	352800.000	12.126	17.648	27.640	1827.445	2125.975	1.446	1.097
547.212	1.000	14.791						
11/6/2016 11:15:00 PM	353700.000	12.129	17.647	27.645	1826.225	2124.598	1.445	1.097
547.578	1.000	14.789						
11/6/2016 11:30:00 PM	354600.000	12.127	17.648	27.641	1824.494	2122.554	1.443	1.095
548.097	1.000	14.791						
11/6/2016 11:45:00 PM	355500.000	12.129	17.649	27.645	1823.495	2121.330	1.443	1.095
548.398	1.000	14.789						
11/7/2016 12:00:00 AM	356400.000	12.127	17.648	27.642	1823.906	2121.870	1.443	1.095
548.274	1.000	14.789						
11/7/2016 12:15:00 AM	357300.000	12.133	17.648	27.654	1824.160	2122.167	1.443	1.095
548.197	1.000	14.785						
11/7/2016 12:30:00 AM	358200.000	12.135	17.648	27.659	1825.438	2123.637	1.444	1.096
547.814	1.000	14.783						
11/7/2016 12:45:00 AM	359100.000	12.128	17.650	27.643	1826.235	2124.493	1.445	1.096
547.575	1.000	14.790						
11/7/2016 1:00:00 AM	360000.000	12.130	17.648	27.647	1826.372	2124.735	1.445	1.097
547.534	1.000	14.790						
11/7/2016 1:15:00 AM	360900.000	12.130	17.648	27.648	1825.848	2124.118	1.444	1.096
547.691	1.000	14.787						
11/7/2016 1:30:00 AM	361800.000	12.126	17.649	27.638	1826.027	2124.297	1.445	1.096

547.637	1.000	14.793						
11/7/2016 1:45:00 AM	362700.000	12.130	17.649	27.648	1825.782	2124.013	1.444	1.096
547.710	1.000	14.788						
11/7/2016 2:00:00 AM	363600.000	12.132	17.648	27.651	1825.797	2124.070	1.444	1.096
547.706	1.000	14.787						
11/7/2016 2:15:00 AM	364500.000	12.132	17.648	27.653	1826.747	2125.180	1.445	1.097
547.421	1.000	14.786						
11/7/2016 2:30:00 AM	365400.000	12.130	17.648	27.648	1824.663	2122.744	1.443	1.096
548.046	1.000	14.788						
11/7/2016 2:45:00 AM	366300.000	12.135	17.648	27.660	1825.144	2123.290	1.444	1.096
547.902	1.000	14.781						
11/7/2016 3:00:00 AM	367200.000	12.129	17.649	27.645	1826.049	2124.306	1.445	1.096
547.630	1.000	14.787						
11/7/2016 3:15:00 AM	368100.000	12.127	17.648	27.641	1826.265	2124.590	1.445	1.097
547.566	1.000	14.790						
11/7/2016 3:30:00 AM	369000.000	12.132	17.648	27.653	1825.834	2124.126	1.444	1.096
547.695	1.000	14.783						
11/7/2016 3:45:00 AM	369900.000	12.128	17.648	27.642	1825.330	2123.520	1.444	1.096
547.846	1.000	14.788						
11/7/2016 4:00:00 AM	370800.000	12.129	17.648	27.645	1824.755	2122.858	1.444	1.096
548.019	1.000	14.788						
11/7/2016 4:15:00 AM	371700.000	12.129	17.648	27.646	1823.777	2121.701	1.443	1.095
548.313	1.000	14.787						
11/7/2016 4:30:00 AM	372600.000	12.122	17.648	27.631	1823.925	2121.873	1.443	1.095
548.268	1.000	14.795						
11/7/2016 4:45:00 AM	373500.000	12.129	17.648	27.646	1824.521	2122.561	1.443	1.095
548.089	1.000	14.789						
11/7/2016 5:00:00 AM	374400.000	12.128	17.648	27.644	1825.429	2123.614	1.444	1.096
547.816	1.000	14.790						
11/7/2016 5:15:00 AM	375300.000	12.127	17.648	27.641	1825.760	2123.998	1.444	1.096
547.717	1.000	14.792						
11/7/2016 5:30:00 AM	376200.000	12.126	17.648	27.638	1826.944	2125.401	1.445	1.097
547.362	1.000	14.795						
11/7/2016 5:45:00 AM	377100.000	12.129	17.649	27.645	1827.351	2125.842	1.446	1.097
547.240	1.000	14.791						
11/7/2016 6:00:00 AM	378000.000	12.126	17.649	27.638	1826.906	2125.315	1.445	1.097
547.374	1.000	14.795						
11/7/2016 6:15:00 AM	378900.000	12.126	17.649	27.638	1827.325	2125.816	1.446	1.097
547.248	1.000	14.794						
11/7/2016 6:30:00 AM	379800.000	12.134	17.649	27.658	1826.387	2124.704	1.445	1.097
547.529	1.000	14.787						
11/7/2016 6:45:00 AM	380700.000	12.135	17.648	27.660	1828.649	2127.384	1.447	1.098
546.852	1.000	14.788						
11/7/2016 7:00:00 AM	381600.000	12.123	17.649	27.632	1828.111	2126.722	1.446	1.098
547.013	1.000	14.799						
11/7/2016 7:15:00 AM	382500.000	12.128	17.648	27.644	1828.169	2126.823	1.446	1.098
546.995	1.000	14.794						
11/7/2016 7:30:00 AM	383400.000	12.121	17.648	27.628	1827.098	2125.576	1.445	1.097
547.316	1.000	14.802						
11/7/2016 7:45:00 AM	384300.000	12.121	17.648	27.628	1826.181	2124.518	1.445	1.096
547.591	1.000	14.802						
11/7/2016 8:00:00 AM	385200.000	12.119	17.648	27.622	1828.680	2127.420	1.447	1.098
546.843	1.000	14.801						
11/7/2016 8:15:00 AM	386100.000	12.120	17.648	27.626	1827.027	2125.497	1.445	1.097
547.337	1.000	14.806						
11/7/2016 8:30:00 AM	387000.000	12.125	17.648	27.636	1827.044	2125.493	1.445	1.097
547.332	1.000	14.802						
11/7/2016 8:45:00 AM	387900.000	12.120	17.649	27.624	1826.038	2124.306	1.445	1.096
547.634	1.000	14.807						
11/7/2016 9:00:00 AM	388800.000	12.128	17.649	27.643	1824.397	2122.394	1.443	1.095
548.126	1.000	14.800						
11/7/2016 9:15:00 AM	389700.000	12.122	17.648	27.630	1824.658	2122.758	1.443	1.096
548.048	1.000	14.807						
11/7/2016 9:30:00 AM	390600.000	12.119	17.648	27.622	1825.141	2123.316	1.444	1.096
547.903	1.000	14.812						
11/7/2016 9:45:00 AM	391500.000	12.137	17.649	27.663	1824.429	2122.426	1.443	1.095
548.117	1.000	14.793						
11/7/2016 10:00:00 AM	392400.000	12.130	17.648	27.648	1824.911	2123.012	1.444	1.096
547.972	1.000	14.800						
11/7/2016 10:15:00 AM	393300.000	12.132	17.649	27.654	1826.182	2124.486	1.445	1.096
547.590	1.000	14.798						
11/7/2016 10:30:00 AM	394200.000	12.132	17.649	27.653	1825.682	2123.905	1.444	1.096
547.740	1.000	14.798						
11/7/2016 10:45:00 AM	395100.000	12.136	17.647	27.663	1826.454	2124.864	1.445	1.097
547.509	1.000	14.794						
11/7/2016 11:00:00 AM	396000.000	12.135	17.649	27.658	1825.192	2123.322	1.444	1.096
547.887	1.000	14.795						
11/7/2016 11:15:00 AM	396900.000	12.138	17.649	27.666	1825.156	2123.275	1.444	1.096
547.898	1.000	14.791						
11/7/2016 11:30:00 AM	397800.000	12.143	17.647	27.677	1824.656	2122.769	1.443	1.096
548.049	1.000	14.785						
11/7/2016 11:45:00 AM	398700.000	12.135	17.648	27.660	1826.363	2124.713	1.445	1.097
547.536	1.000	14.792						
11/7/2016 12:00:00 PM	399600.000	12.139	17.649	27.669	1825.639	2123.850	1.444	1.096
547.753	1.000	14.787						
11/7/2016 12:15:00 PM	400500.000	12.150	17.648	27.693	1825.916	2124.188	1.444	1.096
547.670	1.000	14.775						
11/7/2016 12:30:00 PM	401400.000	12.154	17.649	27.704	1825.821	2124.066	1.444	1.096
547.699	1.000	14.768						
11/7/2016 12:45:00 PM	402300.000	12.149	17.649	27.691	1825.883	2124.133	1.444	1.096
547.680	1.000	14.772						
11/7/2016 1:00:00 PM	403200.000	12.147	17.649	27.686	1826.634	2124.987	1.445	1.097
547.455	1.000	14.771						
11/7/2016 1:15:00 PM	404100.000	12.148	17.648	27.689	1827.527	2126.072	1.446	1.097
547.187	1.000	14.769						
11/7/2016 1:30:00 PM	405000.000	12.142	17.648	27.676	1826.465	2124.827	1.445	1.097
547.506	1.000	14.773						
11/7/2016 1:45:00 PM	405900.000	12.143	17.649	27.678	1826.013	2124.268	1.445	1.096
547.641	1.000	14.770						
11/7/2016 2:00:00 PM	406800.000	12.147	17.648	27.687	1825.725	2123.958	1.444	1.096
547.727	1.000	14.765						
11/7/2016 2:15:00 PM	407700.000	12.143	17.649	27.677	1826.312	2124.624	1.445	1.097
547.552	1.000	14.768						
11/7/2016 2:30:00 PM	408600.000	12.140	17.649	27.671	1826.580	2124.949	1.445	1.097
547.471	1.000	14.770						
11/7/2016 2:45:00 PM	409500.000	12.138	17.649	27.667	1827.209	2125.681	1.445	1.097
547.283	1.000	14.772						
11/7/2016 3:00:00 PM	410400.000	12.139	17.649	27.668	1827.436	2125.920	1.446	1.097
547.215	1.000	14.772						
11/7/2016 3:15:00 PM	411300.000	12.135	17.649	27.659	1827.798	2126.366	1.446	1.097
547.106	1.000	14.775						
11/7/2016 3:30:00 PM	412200.000	12.132	17.648	27.653	1828.220	2126.902	1.446	1.098
546.980	1.000	14.777						
11/7/2016 3:45:00 PM	413100.000	12.132	17.648	27.652	1829.350	2128.175	1.447	1.098
546.642	1.000	14.777						
11/7/2016 4:00:00 PM	414000.000	12.131	17.649	27.649	1829.704	2128.546	1.447	1.099
546.536	1.000	14.779						
11/7/2016 4:15:00 PM	414900.000	12.129	17.650	27.646	1829.002	2127.713	1.447	1.098
546.746	1.000	14.780						
11/7/2016 4:30:00 PM	415800.000	12.133	17.649	27.656	1829.150	2127.930	1.447	1.098
546.702	1.000	14.777						
11/7/2016 4:45:00 PM	416700.000	12.127	17.648	27.641	1829.384	2128.228	1.447	1.099
546.632	1.000	14.783						
11/7/2016 5:00:00 PM	417600.000	12.125	17.648	27.637	1828.599	2127.319	1.447	1.098
546.867	1.000	14.786						
11/7/2016 5:15:00 PM	418500.000	12.134	17.649	27.658	1828.507	2127.178	1.446	1.098
546.894	1.000	14.777						
11/7/2016 5:30:00 PM	419400.000	12.125	17.648	27.638	1827.770	2126.370	1.446	1.097
547.115	1.000	14.786						
11/7/2016 5:45:00 PM	420300.000	12.130	17.648	27.647	1827.641	2126.203	1.446	1.097
547.154	1.000	14.783						
11/7/2016 6:00:00 PM	421200.000	12.123	17.648	27.631	1827.792	2126.400	1.446	1.098
547.108	1.000	14.790						

11/7/2016 6:15:00 PM	422100.000	12.126	17.648	27.638	1826.465	2124.819	1.445	1.097
547.506	1.000	14.787						
11/7/2016 6:30:00 PM	423000.000	12.132	17.649	27.653	1826.791	2125.195	1.445	1.097
547.408	1.000	14.780						
11/7/2016 6:45:00 PM	423900.000	12.124	17.648	27.633	1825.624	2123.853	1.444	1.096
547.758	1.000	14.789						
11/7/2016 7:00:00 PM	424800.000	12.123	17.647	27.631	1825.349	2123.575	1.444	1.096
547.840	1.000	14.792						
11/7/2016 7:15:00 PM	425700.000	12.132	17.648	27.653	1825.312	2123.510	1.444	1.096
547.852	1.000	14.787						
11/7/2016 7:30:00 PM	426600.000	12.126	17.648	27.640	1824.957	2123.086	1.444	1.096
547.958	1.000	14.790						
11/7/2016 7:45:00 PM	427500.000	12.127	17.648	27.642	1824.614	2122.683	1.443	1.095
548.061	1.000	14.788						
11/7/2016 8:00:00 PM	428400.000	12.129	17.648	27.647	1824.234	2122.224	1.443	1.095
548.175	1.000	14.787						
11/7/2016 8:15:00 PM	429300.000	12.130	17.648	27.647	1824.798	2122.897	1.444	1.096
548.006	1.000	14.788						
11/7/2016 8:30:00 PM	430200.000	12.132	17.648	27.652	1824.665	2122.766	1.443	1.096
548.046	1.000	14.784						
11/7/2016 8:45:00 PM	431100.000	12.132	17.648	27.652	1824.944	2123.049	1.444	1.096
547.962	1.000	14.784						
11/7/2016 9:00:00 PM	432000.000	12.133	17.649	27.654	1825.293	2123.427	1.444	1.096
547.857	1.000	14.783						
11/7/2016 9:15:00 PM	432900.000	12.137	17.649	27.664	1825.396	2123.534	1.444	1.096
547.826	1.000	14.779						
11/7/2016 9:30:00 PM	433800.000	12.133	17.648	27.656	1826.183	2124.512	1.445	1.096
547.590	1.000	14.783						
11/7/2016 9:45:00 PM	434700.000	12.136	17.649	27.662	1825.529	2123.722	1.444	1.096
547.786	1.000	14.780						
11/7/2016 10:00:00 PM	435600.000	12.135	17.648	27.660	1825.368	2123.559	1.444	1.096
547.835	1.000	14.779						
11/7/2016 10:15:00 PM	436500.000	12.131	17.649	27.650	1824.664	2122.712	1.443	1.096
548.046	1.000	14.784						
11/7/2016 10:30:00 PM	437400.000	12.132	17.649	27.652	1825.089	2123.202	1.444	1.096
547.918	1.000	14.784						
11/7/2016 10:45:00 PM	438300.000	12.131	17.647	27.650	1825.876	2124.196	1.444	1.096
547.682	1.000	14.785						
11/7/2016 11:00:00 PM	439200.000	12.136	17.648	27.662	1825.676	2123.917	1.444	1.096
547.742	1.000	14.780						
11/7/2016 11:15:00 PM	440100.000	12.131	17.649	27.650	1825.408	2123.586	1.444	1.096
547.823	1.000	14.786						
11/7/2016 11:30:00 PM	441000.000	12.137	17.649	27.663	1825.916	2124.168	1.444	1.096
547.670	1.000	14.779						
11/7/2016 11:45:00 PM	441900.000	12.134	17.648	27.657	1826.474	2124.834	1.445	1.097
547.503	1.000	14.783						
11/8/2016 12:00:00 AM	442800.000	12.141	17.648	27.674	1826.895	2125.335	1.445	1.097
547.377	1.000	14.776						
11/8/2016 12:15:00 AM	443700.000	12.139	17.649	27.669	1827.116	2125.556	1.445	1.097
547.311	1.000	14.776						
11/8/2016 12:30:00 AM	444600.000	12.142	17.648	27.676	1828.595	2127.314	1.447	1.098
546.868	1.000	14.773						
11/8/2016 12:45:00 AM	445500.000	12.135	17.648	27.660	1828.030	2126.673	1.446	1.098
547.037	1.000	14.779						
11/8/2016 1:00:00 AM	446400.000	12.137	17.649	27.663	1827.161	2125.584	1.445	1.097
547.297	1.000	14.776						
11/8/2016 1:15:00 AM	447300.000	12.138	17.650	27.666	1827.313	2125.755	1.446	1.097
547.252	1.000	14.777						
11/8/2016 1:30:00 AM	448200.000	12.133	17.649	27.655	1827.888	2126.454	1.446	1.098
547.079	1.000	14.781						
11/8/2016 1:45:00 AM	449100.000	12.131	17.649	27.650	1827.674	2126.214	1.446	1.097
547.143	1.000	14.778						
11/8/2016 2:00:00 AM	450000.000	12.134	17.649	27.657	1826.907	2125.330	1.445	1.097
547.373	1.000	14.778						
11/8/2016 2:15:00 AM	450900.000	12.136	17.649	27.662	1826.936	2125.355	1.445	1.097
547.364	1.000	14.777						
11/8/2016 2:30:00 AM	451800.000	12.139	17.648	27.670	1826.816	2125.228	1.445	1.097
547.400	1.000	14.773						
11/8/2016 2:45:00 AM	452700.000	12.138	17.649	27.666	1826.451	2124.782	1.445	1.097
547.510	1.000	14.774						
11/8/2016 3:00:00 AM	453600.000	12.140	17.648	27.672	1826.260	2124.618	1.445	1.097
547.567	1.000	14.772						
11/8/2016 3:15:00 AM	454500.000	12.137	17.648	27.664	1826.319	2124.674	1.445	1.097
547.549	1.000	14.775						
11/8/2016 3:30:00 AM	455400.000	12.138	17.648	27.665	1826.771	2125.220	1.445	1.097
547.414	1.000	14.773						
11/8/2016 3:45:00 AM	456300.000	12.138	17.649	27.665	1824.744	2122.804	1.444	1.096
548.022	1.000	14.772						
11/8/2016 4:00:00 AM	457200.000	12.135	17.649	27.660	1824.817	2122.898	1.444	1.096
548.000	1.000	14.774						
11/8/2016 4:15:00 AM	458100.000	12.138	17.650	27.667	1824.285	2122.233	1.443	1.095
548.160	1.000	14.772						
11/8/2016 4:30:00 AM	459000.000	12.133	17.649	27.656	1825.977	2124.227	1.444	1.096
547.652	1.000	14.775						
11/8/2016 4:45:00 AM	459900.000	12.141	17.650	27.673	1825.000	2123.061	1.444	1.096
547.945	1.000	14.769						
11/8/2016 5:00:00 AM	460800.000	12.135	17.649	27.660	1825.059	2123.171	1.444	1.096
547.927	1.000	14.773						
11/8/2016 5:15:00 AM	461700.000	12.134	17.649	27.657	1825.140	2123.253	1.444	1.096
547.903	1.000	14.775						
11/8/2016 5:30:00 AM	462600.000	12.131	17.648	27.651	1825.719	2123.973	1.444	1.096
547.729	1.000	14.778						
11/8/2016 5:45:00 AM	463500.000	12.130	17.649	27.647	1826.978	2125.386	1.445	1.097
547.352	1.000	14.779						
11/8/2016 6:00:00 AM	464400.000	12.129	17.649	27.645	1825.538	2123.696	1.444	1.096
547.784	1.000	14.782						
11/8/2016 6:15:00 AM	465300.000	12.133	17.649	27.654	1825.301	2123.432	1.444	1.096
547.855	1.000	14.778						
11/8/2016 6:30:00 AM	466200.000	12.134	17.649	27.657	1825.276	2123.423	1.444	1.096
547.862	1.000	14.777						
11/8/2016 6:45:00 AM	467100.000	12.129	17.648	27.646	1825.497	2123.710	1.444	1.096
547.796	1.000	14.783						
11/8/2016 7:00:00 AM	468000.000	12.121	17.648	27.627	1825.734	2123.990	1.444	1.096
547.725	1.000	14.791						
11/8/2016 7:15:00 AM	468900.000	12.126	17.649	27.639	1824.835	2122.911	1.444	1.096
547.995	1.000	14.788						
11/8/2016 7:30:00 AM	469800.000	12.128	17.648	27.643	1824.304	2122.304	1.443	1.095
548.154	1.000	14.788						
11/8/2016 7:45:00 AM	470700.000	12.127	17.649	27.641	1823.490	2121.346	1.443	1.095
548.399	1.000	14.791						
11/8/2016 8:00:00 AM	471600.000	12.118	17.650	27.620	1825.744	2123.919	1.444	1.096
547.722	1.000	14.800						
11/8/2016 8:15:00 AM	472500.000	12.120	17.648	27.626	1827.887	2126.477	1.446	1.098
547.080	1.000	14.800						
11/8/2016 8:30:00 AM	473400.000	12.116	17.648	27.616	1829.065	2127.847	1.447	1.098
546.728	1.000	14.806						
11/8/2016 8:45:00 AM	474300.000	12.122	17.648	27.631	1828.506	2127.206	1.447	1.098
546.895	1.000	14.800						
11/8/2016 9:00:00 AM	475200.000	12.118	17.647	27.620	1826.795	2125.257	1.445	1.097
547.407	1.000	14.807						
11/8/2016 9:15:00 AM	476100.000	12.119	17.649	27.624	1824.845	2122.931	1.444	1.096
547.992	1.000	14.807						
11/8/2016 9:30:00 AM	477000.000	12.122	17.648	27.630	1825.288	2123.471	1.444	1.096
547.859	1.000	14.806						
11/8/2016 9:45:00 AM	477900.000	12.126	17.648	27.640	1825.598	2123.848	1.444	1.096
547.766	1.000	14.802						
11/8/2016 10:00:00 AM	478800.000	12.129	17.648	27.646	1825.219	2123.378	1.444	1.096
547.879	1.000	14.800						
11/8/2016 10:15:00 AM	479700.000	12.129	17.648	27.645	1824.606	2122.669	1.443	1.095
548.063	1.000	14.800						
11/8/2016 10:30:00 AM	480600.000	12.128	17.649	27.643	1825.040	2123.153	1.444	1.096
547.933	1.000	14.801						
11/8/2016 10:45:00 AM	481500.000	12.133	17.649	27.656	1824.673	2122.701	1.443	1.096

548.043	1.000	14.796						
11/8/2016 11:00:00 AM	482400.000	12.134	17.648	27.657	1825.981	2124.272	1.445	1.096
547.651	1.000	14.797						
11/8/2016 11:15:00 AM	483300.000	12.140	17.649	27.670	1825.444	2123.586	1.444	1.096
547.812	1.000	14.790						
11/8/2016 11:30:00 AM	484200.000	12.142	17.650	27.674	1825.678	2123.845	1.444	1.096
547.742	1.000	14.788						
11/8/2016 11:45:00 AM	485100.000	12.139	17.648	27.668	1825.804	2124.067	1.444	1.096
547.704	1.000	14.789						
11/8/2016 12:00:00 PM	486000.000	12.146	17.649	27.685	1826.051	2124.296	1.445	1.096
547.630	1.000	14.781						
11/8/2016 12:15:00 PM	486900.000	12.143	17.649	27.678	1827.002	2125.440	1.445	1.097
547.345	1.000	14.784						
11/8/2016 12:30:00 PM	487800.000	12.144	17.648	27.680	1827.155	2125.650	1.445	1.097
547.299	1.000	14.780						
11/8/2016 12:45:00 PM	488700.000	12.141	17.647	27.674	1827.332	2125.877	1.446	1.097
547.246	1.000	14.781						
11/8/2016 1:00:00 PM	489600.000	12.147	17.648	27.686	1827.572	2126.127	1.446	1.097
547.174	1.000	14.780						
11/8/2016 1:15:00 PM	490500.000	12.150	17.648	27.693	1826.541	2124.916	1.445	1.097
547.483	1.000	14.773						
11/8/2016 1:30:00 PM	491400.000	12.146	17.648	27.684	1826.736	2125.164	1.445	1.097
547.424	1.000	14.776						
11/8/2016 1:45:00 PM	492300.000	12.148	17.649	27.689	1828.520	2127.205	1.446	1.098
546.891	1.000	14.771						
11/8/2016 2:00:00 PM	493200.000	12.143	17.650	27.678	1829.314	2128.075	1.447	1.098
546.653	1.000	14.775						
11/8/2016 2:15:00 PM	494100.000	12.148	17.649	27.688	1829.731	2128.610	1.447	1.099
546.529	1.000	14.769						
11/8/2016 2:30:00 PM	495000.000	12.148	17.649	27.688	1828.555	2127.238	1.447	1.098
546.880	1.000	14.769						
11/8/2016 2:45:00 PM	495900.000	12.136	17.649	27.661	1829.157	2127.947	1.447	1.098
546.700	1.000	14.779						
11/8/2016 3:00:00 PM	496800.000	12.138	17.649	27.667	1829.301	2128.085	1.447	1.098
546.657	1.000	14.776						
11/8/2016 3:15:00 PM	497700.000	12.148	17.647	27.689	1829.427	2128.355	1.447	1.099
546.619	1.000	14.766						
11/8/2016 3:30:00 PM	498600.000	12.145	17.648	27.682	1830.032	2128.985	1.448	1.099
546.439	1.000	14.767						
11/8/2016 3:45:00 PM	499500.000	12.139	17.649	27.668	1829.069	2127.828	1.447	1.098
546.726	1.000	14.774						
11/8/2016 4:00:00 PM	500400.000	12.144	17.650	27.679	1827.138	2125.552	1.445	1.097
547.304	1.000	14.767						
11/8/2016 4:15:00 PM	501300.000	12.144	17.649	27.679	1826.897	2125.301	1.445	1.097
547.376	1.000	14.768						
11/8/2016 4:30:00 PM	502200.000	12.141	17.649	27.672	1826.891	2125.285	1.445	1.097
547.378	1.000	14.771						
11/8/2016 4:45:00 PM	503100.000	12.133	17.648	27.656	1827.856	2126.454	1.446	1.098
547.089	1.000	14.777						
11/8/2016 5:00:00 PM	504000.000	12.139	17.648	27.668	1827.716	2126.296	1.446	1.097
547.131	1.000	14.771						
11/8/2016 5:15:00 PM	504900.000	12.139	17.649	27.669	1827.209	2125.659	1.445	1.097
547.283	1.000	14.772						
11/8/2016 5:30:00 PM	505800.000	12.142	17.648	27.674	1826.638	2125.049	1.445	1.097
547.454	1.000	14.769						
11/8/2016 5:45:00 PM	506700.000	12.136	17.648	27.661	1826.538	2124.907	1.445	1.097
547.484	1.000	14.775						
11/8/2016 6:00:00 PM	507600.000	12.134	17.649	27.656	1826.457	2124.773	1.445	1.097
547.508	1.000	14.777						
11/8/2016 6:15:00 PM	508500.000	12.139	17.649	27.668	1826.565	2124.906	1.445	1.097
547.476	1.000	14.772						
11/8/2016 6:30:00 PM	509400.000	12.135	17.650	27.660	1827.401	2125.849	1.446	1.097
547.225	1.000	14.777						
11/8/2016 6:45:00 PM	510300.000	12.129	17.648	27.647	1827.964	2126.563	1.446	1.098
547.057	1.000	14.781						
11/8/2016 7:00:00 PM	511200.000	12.131	17.648	27.650	1828.519	2127.225	1.447	1.098
546.891	1.000	14.781						
11/8/2016 7:15:00 PM	512100.000	12.131	17.649	27.650	1827.606	2126.126	1.446	1.097
547.164	1.000	14.781						
11/8/2016 7:30:00 PM	513000.000	12.129	17.649	27.645	1828.154	2126.743	1.446	1.098
547.000	1.000	14.784						
11/8/2016 7:45:00 PM	513900.000	12.128	17.648	27.644	1828.500	2127.199	1.446	1.098
546.896	1.000	14.786						
11/8/2016 8:00:00 PM	514800.000	12.128	17.650	27.643	1828.520	2127.145	1.446	1.098
546.890	1.000	14.786						
11/8/2016 8:15:00 PM	515700.000	12.128	17.649	27.644	1829.319	2128.136	1.447	1.098
546.651	1.000	14.789						
11/8/2016 8:30:00 PM	516600.000	12.131	17.648	27.651	1828.863	2127.617	1.447	1.098
546.788	1.000	14.785						
11/8/2016 8:45:00 PM	517500.000	12.125	17.649	27.636	1829.077	2127.838	1.447	1.098
546.724	1.000	14.794						
11/8/2016 9:00:00 PM	518400.000	12.129	17.649	27.645	1827.561	2126.082	1.446	1.097
547.177	1.000	14.789						
11/8/2016 9:15:00 PM	519300.000	12.134	17.649	27.658	1827.782	2126.348	1.446	1.097
547.111	1.000	14.785						
11/8/2016 9:30:00 PM	520200.000	12.129	17.650	27.645	1827.347	2125.779	1.446	1.097
547.242	1.000	14.792						
11/8/2016 9:45:00 PM	521100.000	12.128	17.649	27.644	1827.210	2125.656	1.445	1.097
547.283	1.000	14.794						
11/8/2016 10:00:00 PM	522000.000	12.125	17.648	27.636	1826.597	2124.998	1.445	1.097
547.466	1.000	14.797						
11/8/2016 10:15:00 PM	522900.000	12.127	17.649	27.640	1824.881	2122.944	1.444	1.096
547.981	1.000	14.796						
11/8/2016 10:30:00 PM	523800.000	12.127	17.650	27.641	1824.798	2122.826	1.444	1.096
548.006	1.000	14.796						
11/8/2016 10:45:00 PM	524700.000	12.120	17.649	27.624	1824.937	2123.016	1.444	1.096
547.964	1.000	14.805						
11/8/2016 11:00:00 PM	525600.000	12.126	17.649	27.639	1825.360	2123.530	1.444	1.096
547.837	1.000	14.799						
11/8/2016 11:15:00 PM	526500.000	12.131	17.649	27.651	1826.193	2124.470	1.445	1.096
547.587	1.000	14.795						
11/8/2016 11:30:00 PM	527400.000	12.135	17.649	27.659	1826.098	2124.367	1.445	1.096
547.616	1.000	14.791						
11/8/2016 11:45:00 PM	528300.000	12.131	17.648	27.651	1825.826	2124.080	1.444	1.096
547.697	1.000	14.795						
11/9/2016 12:00:00 AM	529200.000	12.144	17.649	27.679	1824.818	2122.895	1.444	1.096
548.000	1.000	14.784						
11/9/2016 12:15:00 AM	530100.000	12.141	17.649	27.673	1824.254	2122.205	1.443	1.095
548.169	1.000	14.786						
11/9/2016 12:30:00 AM	531000.000	12.138	17.649	27.666	1824.789	2122.853	1.444	1.096
548.008	1.000	14.789						
11/9/2016 12:45:00 AM	531900.000	12.141	17.648	27.674	1825.507	2123.713	1.444	1.096
547.793	1.000	14.786						
11/9/2016 1:00:00 AM	532800.000	12.145	17.648	27.683	1825.410	2123.599	1.444	1.096
547.822	1.000	14.781						
11/9/2016 1:15:00 AM	533700.000	12.142	17.649	27.675	1827.106	2125.531	1.445	1.097
547.314	1.000	14.782						
11/9/2016 1:30:00 AM	534600.000	12.146	17.648	27.684	1826.980	2125.460	1.445	1.097
547.351	1.000	14.779						
11/9/2016 1:45:00 AM	535500.000	12.141	17.649	27.673	1828.675	2127.382	1.447	1.098
546.844	1.000	14.783						
11/9/2016 2:00:00 AM	536400.000	12.140	17.649	27.671	1828.682	2127.364	1.447	1.098
546.842	1.000	14.782						
11/9/2016 2:15:00 AM	537300.000	12.139	17.647	27.668	1830.970	2130.109	1.448	1.100
546.159	1.000	14.783						
11/9/2016 2:30:00 AM	538200.000	12.140	17.649	27.671	1832.881	2132.250	1.450	1.101
545.589	1.000	14.781						
11/9/2016 2:45:00 AM	539100.000	12.140	17.649	27.672	1832.386	2131.674	1.450	1.100
545.736	1.000	14.781						
11/9/2016 3:00:00 AM	540000.000	12.139	17.649	27.669	1831.320	2130.430	1.449	1.100
546.054	1.000	14.781						
11/9/2016 3:15:00 AM	540900.000	12.145	17.649	27.682	1831.135	2130.235	1.449	1.100
546.109	1.000	14.774						

11/9/2016 3:30:00 AM	541800.000	12.144	17.648	27.680	1831.144	2130.271	1.449	1.100
546.107	1.000	14.774						
11/9/2016 3:45:00 AM	542700.000	12.147	17.648	27.687	1830.958	2130.045	1.448	1.099
546.162	1.000	14.771						
11/9/2016 4:00:00 AM	543600.000	12.147	17.650	27.686	1830.194	2129.103	1.448	1.099
546.390	1.000	14.772						
11/9/2016 4:15:00 AM	544500.000	12.145	17.649	27.682	1830.461	2129.464	1.448	1.099
546.311	1.000	14.770						
11/9/2016 4:30:00 AM	545400.000	12.149	17.649	27.691	1830.140	2129.069	1.448	1.099
546.406	1.000	14.766						
11/9/2016 4:45:00 AM	546300.000	12.148	17.649	27.689	1829.593	2128.446	1.447	1.099
546.570	1.000	14.767						
11/9/2016 5:00:00 AM	547200.000	12.143	17.649	27.677	1828.697	2127.379	1.447	1.098
546.837	1.000	14.771						
11/9/2016 5:15:00 AM	548100.000	12.138	17.649	27.666	1829.207	2127.980	1.447	1.098
546.685	1.000	14.776						
11/9/2016 5:30:00 AM	549000.000	12.149	17.649	27.692	1832.168	2131.417	1.449	1.100
545.801	1.000	14.764						
11/9/2016 5:45:00 AM	549900.000	12.141	17.649	27.673	1832.054	2131.309	1.449	1.100
545.835	1.000	14.772						
11/9/2016 6:00:00 AM	550800.000	12.147	17.649	27.687	1832.786	2132.165	1.450	1.101
545.617	1.000	14.764						
11/9/2016 6:15:00 AM	551700.000	12.138	17.648	27.666	1832.163	2131.473	1.449	1.100
545.803	1.000	14.772						
11/9/2016 6:30:00 AM	552600.000	12.140	17.648	27.672	1830.611	2129.642	1.448	1.099
546.266	1.000	14.771						
11/9/2016 6:45:00 AM	553500.000	12.135	17.648	27.659	1829.945	2128.885	1.448	1.099
546.464	1.000	14.775						
11/9/2016 7:00:00 AM	554400.000	12.140	17.649	27.671	1829.214	2128.000	1.447	1.098
546.683	1.000	14.770						
11/9/2016 7:15:00 AM	555300.000	12.131	17.649	27.650	1828.546	2127.219	1.447	1.098
546.883	1.000	14.781						
11/9/2016 7:30:00 AM	556200.000	12.136	17.649	27.662	1829.359	2128.157	1.447	1.098
546.639	1.000	14.775						
11/9/2016 7:45:00 AM	557100.000	12.132	17.649	27.653	1827.663	2126.176	1.446	1.097
547.147	1.000	14.781						
11/9/2016 8:00:00 AM	558000.000	12.136	17.647	27.663	1828.781	2127.571	1.447	1.098
546.813	1.000	14.776						
11/9/2016 8:15:00 AM	558900.000	12.134	17.650	27.656	1826.929	2125.305	1.445	1.097
547.367	1.000	14.781						
11/9/2016 8:30:00 AM	559800.000	12.132	17.649	27.652	1825.353	2123.522	1.444	1.096
547.839	1.000	14.784						
11/9/2016 8:45:00 AM	560700.000	12.136	17.648	27.662	1825.605	2123.847	1.444	1.096
547.764	1.000	14.777						
11/9/2016 9:00:00 AM	561600.000	12.146	17.649	27.685	1824.658	2122.709	1.443	1.096
548.048	1.000	14.769						
11/9/2016 9:15:00 AM	562500.000	12.140	17.647	27.671	1824.741	2122.888	1.444	1.096
548.023	1.000	14.773						
11/9/2016 9:30:00 AM	563400.000	12.140	17.648	27.671	1824.593	2122.658	1.443	1.095
548.067	1.000	14.772						
11/9/2016 9:45:00 AM	564300.000	12.144	17.649	27.679	1824.372	2122.359	1.443	1.095
548.134	1.000	14.770						
11/9/2016 10:00:00 AM	565200.000	12.148	17.650	27.689	1824.890	2122.908	1.444	1.096
547.978	1.000	14.765						
11/9/2016 10:15:00 AM	566100.000	12.144	17.649	27.679	1825.424	2123.588	1.444	1.096
547.818	1.000	14.766						
11/9/2016 10:30:00 AM	567000.000	12.144	17.649	27.680	1826.687	2125.052	1.445	1.097
547.439	1.000	14.767						
11/9/2016 10:45:00 AM	567900.000	12.142	17.649	27.674	1827.506	2126.005	1.446	1.097
547.194	1.000	14.768						
11/9/2016 11:00:00 AM	568800.000	12.148	17.649	27.689	1827.895	2126.479	1.446	1.098
547.077	1.000	14.760						
11/9/2016 11:15:00 AM	569700.000	12.155	17.649	27.704	1828.413	2127.049	1.446	1.098
546.922	1.000	14.753						
11/9/2016 11:30:00 AM	570600.000	12.153	17.649	27.701	1828.069	2126.661	1.446	1.098
547.025	1.000	14.754						
11/9/2016 11:45:00 AM	571500.000	12.150	17.649	27.693	1828.317	2126.937	1.446	1.098
546.951	1.000	14.754						
11/9/2016 12:00:00 PM	572400.000	12.153	17.650	27.700	1828.288	2126.890	1.446	1.098
546.960	1.000	14.748						
11/9/2016 12:15:00 PM	573300.000	12.160	17.651	27.717	1828.791	2127.425	1.447	1.098
546.810	1.000	14.738						
11/9/2016 12:30:00 PM	574200.000	12.163	17.649	27.724	1828.588	2127.247	1.447	1.098
546.870	1.000	14.734						
11/9/2016 12:45:00 PM	575100.000	12.156	17.650	27.708	1829.010	2127.701	1.447	1.098
546.744	1.000	14.740						
11/9/2016 1:00:00 PM	576000.000	12.153	17.649	27.701	1829.825	2128.686	1.448	1.099
546.500	1.000	14.741						
11/9/2016 1:15:00 PM	576900.000	12.154	17.648	27.703	1829.644	2128.554	1.447	1.099
546.555	1.000	14.738						
11/9/2016 1:30:00 PM	577800.000	12.154	17.648	27.703	1829.754	2128.649	1.447	1.099
546.521	1.000	14.737						
11/9/2016 1:45:00 PM	578700.000	12.152	17.649	27.698	1829.638	2128.477	1.447	1.099
546.556	1.000	14.738						
11/9/2016 2:00:00 PM	579600.000	12.160	17.649	27.716	1828.807	2127.515	1.447	1.098
546.804	1.000	14.729						
11/9/2016 2:15:00 PM	580500.000	12.155	17.650	27.704	1828.958	2127.658	1.447	1.098
546.759	1.000	14.730						
11/9/2016 2:30:00 PM	581400.000	12.152	17.649	27.697	1830.314	2129.260	1.448	1.099
546.354	1.000	14.734						
11/9/2016 2:45:00 PM	582300.000	12.150	17.648	27.695	1831.196	2130.331	1.449	1.100
546.091	1.000	14.734						
11/9/2016 3:00:00 PM	583200.000	12.148	17.649	27.690	1830.104	2129.044	1.448	1.099
546.417	1.000	14.734						
11/9/2016 3:15:00 PM	584100.000	12.145	17.649	27.682	1830.001	2128.924	1.448	1.099
546.448	1.000	14.737						
11/9/2016 3:30:00 PM	585000.000	12.151	17.649	27.697	1829.576	2128.418	1.447	1.099
546.575	1.000	14.729						
11/9/2016 3:45:00 PM	585900.000	12.149	17.648	27.691	1830.544	2129.611	1.448	1.099
546.286	1.000	14.731						
11/9/2016 4:00:00 PM	586800.000	12.147	17.649	27.688	1829.690	2128.541	1.447	1.099
546.541	1.000	14.734						
11/9/2016 4:15:00 PM	587700.000	12.151	17.649	27.696	1829.921	2128.797	1.448	1.099
546.472	1.000	14.728						
11/9/2016 4:30:00 PM	588600.000	12.150	17.649	27.693	1830.233	2129.195	1.448	1.099
546.378	1.000	14.728						
11/9/2016 4:45:00 PM	589500.000	12.157	17.648	27.710	1828.122	2126.780	1.446	1.098
547.009	1.000	14.721						
11/9/2016 5:00:00 PM	590400.000	12.145	17.648	27.683	1826.788	2125.195	1.445	1.097
547.409	1.000	14.731						
11/9/2016 5:15:00 PM	591300.000	12.146	17.649	27.684	1826.290	2124.578	1.445	1.097
547.558	1.000	14.729						
11/9/2016 5:30:00 PM	592200.000	12.141	17.650	27.673	1828.285	2126.875	1.446	1.098
546.961	1.000	14.735						
11/9/2016 5:45:00 PM	593100.000	12.148	17.649	27.688	1828.567	2127.252	1.447	1.098
546.876	1.000	14.728						
11/9/2016 6:00:00 PM	594000.000	12.136	17.650	27.661	1828.531	2127.140	1.446	1.098
546.887	1.000	14.738						
11/9/2016 6:15:00 PM	594900.000	12.145	17.648	27.681	1829.013	2127.804	1.447	1.098
546.743	1.000	14.731						
11/9/2016 6:30:00 PM	595800.000	12.135	17.649	27.660	1830.009	2128.922	1.448	1.099
546.445	1.000	14.739						
11/9/2016 6:45:00 PM	596700.000	12.143	17.650	27.678	1829.417	2128.183	1.447	1.098
546.622	1.000	14.732						
11/9/2016 7:00:00 PM	597600.000	12.139	17.649	27.669	1829.206	2127.979	1.447	1.098
546.685	1.000	14.736						
11/9/2016 7:15:00 PM	598500.000	12.141	17.650	27.672	1829.623	2128.435	1.447	1.099
546.561	1.000	14.736						
11/9/2016 7:30:00 PM	599400.000	12.143	17.649	27.677	1830.096	2129.010	1.448	1.099
546.419	1.000	14.733						
11/9/2016 7:45:00 PM	600300.000	12.139	17.649	27.669	1828.159	2126.785	1.446	1.098
546.998	1.000	14.737						
11/9/2016 8:00:00 PM	601200.000	12.140	17.649	27.670	1827.830	2126.378	1.446	1.097

547.097	1.000	14.737						
11/9/2016 8:15:00 PM	602100.000	12.137	17.650	27.664	1830.383	2129.327	1.448	1.099
546.334	1.000	14.740						
11/9/2016 8:30:00 PM	603000.000	12.143	17.650	27.677	1829.133	2127.836	1.447	1.098
546.707	1.000	14.736						
11/9/2016 8:45:00 PM	603900.000	12.138	17.649	27.666	1828.210	2126.821	1.446	1.098
546.983	1.000	14.741						
11/9/2016 9:00:00 PM	604800.000	12.135	17.650	27.659	1827.092	2125.470	1.445	1.097
547.318	1.000	14.743						
11/9/2016 9:15:00 PM	605700.000	12.134	17.649	27.657	1827.316	2125.776	1.446	1.097
547.251	1.000	14.745						
11/9/2016 9:30:00 PM	606600.000	12.135	17.649	27.660	1827.787	2126.345	1.446	1.097
547.110	1.000	14.744						
11/9/2016 9:45:00 PM	607500.000	12.140	17.649	27.670	1826.545	2124.879	1.445	1.097
547.482	1.000	14.740						
11/9/2016 10:00:00 PM	608400.000	12.138	17.650	27.665	1826.661	2124.997	1.445	1.097
547.447	1.000	14.743						
11/9/2016 10:15:00 PM	609300.000	12.136	17.648	27.662	1826.310	2124.659	1.445	1.097
547.552	1.000	14.746						
11/9/2016 10:30:00 PM	610200.000	12.139	17.648	27.668	1827.824	2126.416	1.446	1.098
547.099	1.000	14.742						
11/9/2016 10:45:00 PM	611100.000	12.141	17.648	27.672	1829.245	2128.057	1.447	1.098
546.674	1.000	14.740						
11/9/2016 11:00:00 PM	612000.000	12.140	17.649	27.671	1828.031	2126.637	1.446	1.098
547.037	1.000	14.742						
11/9/2016 11:15:00 PM	612900.000	12.144	17.649	27.679	1827.351	2125.821	1.446	1.097
547.240	1.000	14.738						
11/9/2016 11:30:00 PM	613800.000	12.144	17.648	27.680	1826.847	2125.264	1.445	1.097
547.391	1.000	14.739						
11/9/2016 11:45:00 PM	614700.000	12.141	17.649	27.674	1826.946	2125.353	1.445	1.097
547.362	1.000	14.741						

Report Date: 11/14/2016 8:31:18 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-8D LT Test_2016-11-11_08-23-46-938-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-8D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/15/2016 9:12:40 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 9:15:00 AM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/15/2016 9:12:50 AM	Used Battery: 0% Used Memory: 6% User Name: KMakar
1/21/2016 8:56:16 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 9:16:30 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:13:13 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 10:01:09 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 11:20:41 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:30:00 AM
2/25/2016 10:47:51 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:49:53 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:36:57 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:30:02 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:15:00 PM
3/24/2016 8:57:31 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 3:08:14 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:35:01 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:30:00 AM
4/14/2016 3:11:46 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:15:00 PM
4/21/2016 1:17:44 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:30:00 PM
4/28/2016 8:16:35 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:23:19 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:11:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 1:55:18 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:45:00 PM
5/26/2016 9:03:15 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:33:27 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:15:00 PM
6/9/2016 9:31:51 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:10:03 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 10:06:21 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:45:00 AM
7/1/2016 11:40:47 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 12:15:00 PM
7/8/2016 11:51:05 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 6:06:44 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
7/21/2016 10:28:35 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/21/2016 11:41:45 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:00:00 PM
7/21/2016 11:47:48 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:30:00 PM
7/28/2016 6:14:41 PM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 7:00:00 PM
8/4/2016 2:52:58 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:30:00 PM
8/11/2016 10:46:08 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
8/18/2016 3:40:06 PM	Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:30:00 PM
8/25/2016 12:20:31 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:15:00 PM
9/1/2016 4:03:09 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:45:00 PM
9/8/2016 6:21:54 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 7:00:00 PM
9/15/2016 3:08:12 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:00:00 PM
9/22/2016 12:40:49 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:30:00 PM
10/1/2016 11:26:38 AM	Log Download - Used Battery: 14% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:15:00 PM
10/6/2016 12:01:25 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM
10/13/2016 4:23:35 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:00:00 PM
10/20/2016 4:47:15 PM	Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 12:38:45 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:20:00 PM
11/3/2016 3:53:03 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM
11/11/2016 8:19:19 AM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:00:00 AM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 814
Sensors: 2
1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
11/3/2016 12:00:00 AM	7200.000	131.189	20.359	299.021	14390.962	15790.609	9.335	10737.614	69.488	1.005	14.798
11/3/2016 12:15:00 AM	8100.000	131.196	20.360	299.036	14391.079	15790.652	9.335	10737.645	69.487	1.005	14.795
11/3/2016 12:30:00 AM	9000.000	131.198	20.369	299.041	14396.185	15793.279	9.337	10739.431			

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

69.463	1.005	14.792						
11/3/2016 12:45:00 AM	9900.000	131.202	20.359	299.051	14394.164	15794.297	9.337	10740.123
69.473	1.005	14.796						
11/3/2016 1:00:00 AM	10800.000	131.209	20.375	299.065	14395.247	15790.199	9.335	10737.336
69.467	1.005	14.791						
11/3/2016 1:15:00 AM	11700.000	131.214	20.365	299.078	14395.526	15793.800	9.337	10739.784
69.466	1.005	14.798						
11/3/2016 1:30:00 AM	12600.000	131.224	20.360	299.100	14389.307	15788.677	9.334	10736.302
69.496	1.005	14.794						
11/3/2016 1:45:00 AM	13500.000	131.228	20.357	299.110	14388.743	15789.074	9.334	10736.570
69.499	1.005	14.796						
11/3/2016 2:00:00 AM	14400.000	131.228	20.367	299.109	14396.470	15794.052	9.337	10739.956
69.461	1.005	14.799						
11/3/2016 2:15:00 AM	15300.000	131.243	20.361	299.142	14388.666	15787.543	9.333	10735.530
69.499	1.005	14.802						
11/3/2016 2:30:00 AM	16200.000	131.229	20.366	299.112	14391.407	15788.874	9.334	10736.435
69.486	1.005	14.807						
11/3/2016 2:45:00 AM	17100.000	131.257	20.354	299.174	14385.008	15785.755	9.332	10734.314
69.517	1.005	14.802						
11/3/2016 3:00:00 AM	18000.000	131.257	20.362	299.175	14390.306	15789.111	9.334	10736.596
69.491	1.005	14.798						
11/3/2016 3:15:00 AM	18900.000	131.257	20.367	299.176	14390.605	15787.535	9.333	10735.525
69.490	1.005	14.802						
11/3/2016 3:30:00 AM	19800.000	131.262	20.364	299.188	14393.288	15791.519	9.336	10738.232
69.477	1.005	14.803						
11/3/2016 3:45:00 AM	20700.000	131.267	20.360	299.199	14397.715	15797.789	9.340	10742.497
69.455	1.005	14.800						
11/3/2016 4:00:00 AM	21600.000	131.261	20.375	299.184	14395.819	15790.799	9.335	10737.743
69.465	1.005	14.799						
11/3/2016 4:15:00 AM	22500.000	131.280	20.366	299.227	14393.284	15790.934	9.335	10737.836
69.477	1.005	14.797						
11/3/2016 4:30:00 AM	23400.000	131.275	20.357	299.217	14389.063	15789.221	9.334	10736.671
69.497	1.005	14.795						
11/3/2016 4:45:00 AM	24300.000	131.282	20.352	299.232	14389.844	15791.638	9.336	10738.313
69.493	1.005	14.801						
11/3/2016 5:00:00 AM	25200.000	131.287	20.358	299.244	14392.563	15792.888	9.336	10739.164
69.480	1.005	14.797						
11/3/2016 5:15:00 AM	26100.000	131.275	20.355	299.215	14394.634	15795.998	9.338	10741.278
69.470	1.005	14.802						
11/3/2016 5:30:00 AM	27000.000	131.277	20.374	299.221	14398.977	15794.666	9.338	10740.374
69.449	1.005	14.799						
11/3/2016 5:45:00 AM	27900.000	131.309	20.357	299.293	14396.728	15797.575	9.339	10742.353
69.460	1.005	14.794						
11/3/2016 6:00:00 AM	28800.000	131.281	20.356	299.230	14390.882	15791.564	9.336	10738.264
69.488	1.005	14.806						
11/3/2016 6:15:00 AM	29700.000	131.287	20.356	299.243	14395.929	15797.103	9.339	10742.031
69.464	1.005	14.803						
11/3/2016 6:30:00 AM	30600.000	131.295	20.357	299.261	14393.020	15793.477	9.337	10739.564
69.478	1.005	14.799						
11/3/2016 6:45:00 AM	31500.000	131.287	20.370	299.242	14396.498	15793.134	9.337	10739.331
69.461	1.005	14.804						
11/3/2016 7:00:00 AM	32400.000	131.294	20.365	299.259	14396.730	15795.206	9.338	10740.741
69.460	1.005	14.797						
11/3/2016 7:15:00 AM	33300.000	131.291	20.367	299.253	14396.276	15794.044	9.337	10739.951
69.462	1.005	14.792						
11/3/2016 7:30:00 AM	34200.000	131.286	20.370	299.241	14393.314	15789.642	9.334	10736.957
69.477	1.005	14.799						
11/3/2016 7:45:00 AM	35100.000	131.292	20.364	299.256	14395.830	15794.277	9.337	10740.108
69.465	1.005	14.800						
11/3/2016 8:00:00 AM	36000.000	131.302	20.369	299.277	14390.252	15786.625	9.333	10734.906
69.491	1.005	14.796						
11/3/2016 8:15:00 AM	36900.000	131.303	20.377	299.281	14400.215	15794.953	9.338	10740.569
69.443	1.005	14.804						
11/3/2016 8:30:00 AM	37800.000	131.294	20.374	299.258	14393.482	15788.379	9.334	10736.099
69.476	1.005	14.807						
11/3/2016 8:45:00 AM	38700.000	131.289	20.362	299.247	14389.818	15788.345	9.334	10736.074
69.494	1.005	14.804						
11/3/2016 9:00:00 AM	39600.000	131.301	20.372	299.275	14391.382	15786.999	9.333	10735.160
69.486	1.005	14.806						
11/3/2016 9:15:00 AM	40500.000	131.298	20.364	299.270	14391.599	15789.807	9.335	10737.069
69.485	1.005	14.810						
11/3/2016 9:30:00 AM	41400.000	131.312	20.359	299.299	14388.744	15788.121	9.333	10735.924
69.499	1.005	14.809						
11/3/2016 9:45:00 AM	42300.000	131.320	20.365	299.320	14390.424	15788.287	9.334	10736.035
69.491	1.005	14.807						
11/3/2016 10:00:00 AM	43200.000	131.315	20.360	299.307	14385.931	15784.802	9.331	10733.665
69.512	1.005	14.804						
11/3/2016 10:15:00 AM	44100.000	131.330	20.358	299.341	14384.475	15784.014	9.331	10733.131
69.519	1.005	14.799						
11/3/2016 10:30:00 AM	45000.000	131.337	20.362	299.356	14385.097	15783.247	9.330	10732.608
69.516	1.005	14.803						
11/3/2016 10:45:00 AM	45900.000	131.341	20.366	299.366	14383.654	15780.427	9.329	10730.691
69.523	1.005	14.800						
11/3/2016 11:00:00 AM	46800.000	131.341	20.370	299.367	14385.938	15781.549	9.329	10731.454
69.512	1.005	14.798						
11/3/2016 11:15:00 AM	47700.000	131.347	20.364	299.380	14382.511	15779.865	9.328	10730.310
69.529	1.005	14.799						
11/3/2016 11:30:00 AM	48600.000	131.348	20.368	299.382	14382.123	15777.941	9.327	10729.000
69.531	1.005	14.798						
11/3/2016 11:45:00 AM	49500.000	131.369	20.362	299.431	14377.463	15775.048	9.325	10727.032
69.553	1.005	14.789						
11/3/2016 12:00:00 PM	50400.000	131.367	20.367	299.425	14385.812	15782.331	9.330	10731.986
69.513	1.005	14.790						
11/3/2016 12:15:00 PM	51300.000	131.368	20.374	299.428	14384.393	15778.494	9.327	10729.377
69.520	1.005	14.792						
11/3/2016 12:30:00 PM	52200.000	131.379	20.373	299.453	14380.044	15774.214	9.325	10726.466
69.541	1.005	14.784						
11/3/2016 12:45:00 PM	53100.000	131.385	20.362	299.467	14376.219	15773.451	9.324	10725.947
69.559	1.005	14.786						
11/3/2016 1:00:00 PM	54000.000	131.394	20.362	299.487	14380.219	15777.896	9.327	10728.970
69.540	1.005	14.784						
11/3/2016 1:15:00 PM	54900.000	131.410	20.374	299.524	14386.372	15780.580	9.329	10730.796
69.510	1.005	14.775						
11/3/2016 1:30:00 PM	55800.000	131.406	20.364	299.516	14375.923	15772.552	9.323	10725.335
69.561	1.005	14.775						
11/3/2016 1:45:00 PM	56700.000	131.407	20.356	299.516	14370.684	15769.456	9.321	10723.231
69.586	1.005	14.772						
11/3/2016 2:00:00 PM	57600.000	131.412	20.367	299.529	14373.344	15768.712	9.321	10722.725
69.573	1.005	14.764						
11/3/2016 2:15:00 PM	58500.000	131.419	20.358	299.545	14369.172	15766.960	9.320	10721.534
69.593	1.005	14.761						
11/3/2016 2:30:00 PM	59400.000	131.429	20.362	299.568	14371.542	15768.234	9.321	10722.399
69.582	1.005	14.759						
11/3/2016 2:45:00 PM	60300.000	131.449	20.369	299.612	14373.831	15768.757	9.321	10722.756
69.571	1.005	14.761						
11/3/2016 3:00:00 PM	61200.000	131.418	20.374	299.541	14371.979	15764.850	9.319	10720.099
69.580	1.005	14.762						
11/3/2016 3:15:00 PM	62100.000	131.427	20.363	299.563	14367.372	15763.629	9.318	10719.268
69.602	1.005	14.755						
11/3/2016 3:30:00 PM	63000.000	131.424	20.374	299.557	14372.424	15765.483	9.319	10720.529
69.578	1.005	14.760						
11/3/2016 3:45:00 PM	63900.000	131.415	20.365	299.535	14363.877	15759.048	9.315	10716.153
69.619	1.005	14.756						
11/3/2016 4:00:00 PM	64800.000	131.410	20.361	299.523	14365.284	15761.804	9.317	10718.027
69.612	1.005	14.762						
11/3/2016 4:15:00 PM	65700.000	131.424	20.358	299.556	14359.340	15756.375	9.313	10714.335
69.641	1.005	14.762						
11/3/2016 4:30:00 PM	66600.000	131.410	20.373	299.523	14364.257	15756.841	9.313	10714.653
69.617	1.005	14.759						
11/3/2016 4:45:00 PM	67500.000	131.408	20.377	299.518	14365.402	15756.715	9.313	10714.567
69.612	1.005	14.762						
11/3/2016 5:00:00 PM	68400.000	131.401	20.376	299.504	14361.155	15752.429	9.311	10711.651
69.632	1.005	14.758						

11/3/2016 5:15:00 PM	69300.000	131.401	20.365	299.503	14358.649	15753.164	9.311	10712.151
69.644	1.005	14.759						
11/3/2016 5:30:00 PM	70200.000	131.386	20.369	299.468	14356.940	15750.081	9.309	10710.057
69.653	1.005	14.761						
11/3/2016 5:45:00 PM	71100.000	131.375	20.380	299.444	14365.030	15755.354	9.313	10713.643
69.613	1.005	14.761						
11/3/2016 6:00:00 PM	72000.000	131.367	20.377	299.426	14358.752	15749.331	9.309	10709.545
69.644	1.005	14.758						
11/3/2016 6:15:00 PM	72900.000	131.371	20.383	299.436	14361.542	15750.491	9.309	10710.335
69.630	1.005	14.756						
11/3/2016 6:30:00 PM	73800.000	131.351	20.387	299.389	14363.709	15751.487	9.310	10711.012
69.620	1.005	14.760						
11/3/2016 6:45:00 PM	74700.000	131.344	20.372	299.373	14360.317	15752.665	9.311	10711.813
69.636	1.005	14.757						
11/3/2016 7:00:00 PM	75600.000	131.334	20.372	299.350	14360.895	15753.441	9.311	10712.341
69.634	1.005	14.761						
11/3/2016 7:15:00 PM	76500.000	131.333	20.369	299.348	14359.840	15753.090	9.311	10712.102
69.639	1.005	14.761						
11/3/2016 7:30:00 PM	77400.000	131.326	20.374	299.331	14357.167	15748.719	9.308	10709.129
69.652	1.005	14.759						
11/3/2016 7:45:00 PM	78300.000	131.299	20.381	299.272	14359.655	15749.084	9.309	10709.377
69.640	1.005	14.764						
11/3/2016 8:00:00 PM	79200.000	131.300	20.380	299.274	14359.734	15749.430	9.309	10709.613
69.639	1.005	14.764						
11/3/2016 8:15:00 PM	80100.000	131.294	20.378	299.260	14358.097	15748.325	9.308	10708.862
69.647	1.005	14.757						
11/3/2016 8:30:00 PM	81000.000	131.275	20.383	299.215	14356.267	15744.852	9.306	10706.499
69.656	1.005	14.768						
11/3/2016 8:45:00 PM	81900.000	131.264	20.388	299.190	14362.168	15749.479	9.309	10709.646
69.627	1.005	14.762						
11/3/2016 9:00:00 PM	82800.000	131.261	20.390	299.184	14361.702	15748.422	9.308	10708.927
69.630	1.005	14.762						
11/3/2016 9:15:00 PM	83700.000	131.250	20.392	299.159	14357.436	15743.055	9.305	10705.277
69.650	1.005	14.761						
11/3/2016 9:30:00 PM	84600.000	131.252	20.396	299.163	14362.330	15747.152	9.307	10708.064
69.627	1.005	14.759						
11/3/2016 9:45:00 PM	85500.000	131.241	20.397	299.139	14364.312	15748.950	9.309	10709.287
69.617	1.005	14.764						
11/3/2016 10:00:00 PM	86400.000	131.241	20.398	299.138	14360.690	15744.635	9.306	10706.353
69.635	1.005	14.765						
11/3/2016 10:15:00 PM	87300.000	131.241	20.394	299.139	14360.895	15746.095	9.307	10707.345
69.634	1.005	14.763						
11/3/2016 10:30:00 PM	88200.000	131.249	20.341	299.156	14335.530	15735.688	9.300	10700.268
69.757	1.005	14.770						
11/3/2016 10:45:00 PM	89100.000	131.264	20.323	299.192	14301.652	15704.710	9.280	10679.204
69.922	1.005	14.763						
11/3/2016 11:00:00 PM	90000.000	131.249	20.320	299.156	14289.640	15692.234	9.272	10670.720
69.981	1.005	14.770						
11/3/2016 11:15:00 PM	90900.000	131.209	20.328	299.066	14291.261	15691.574	9.271	10670.271
69.973	1.005	14.769						
11/3/2016 11:30:00 PM	91800.000	131.248	20.330	299.154	14293.515	15693.418	9.273	10671.525
69.962	1.005	14.766						
11/3/2016 11:45:00 PM	92700.000	131.235	20.330	299.126	14290.724	15690.241	9.271	10669.365
69.975	1.005	14.771						
11/4/2016 12:00:00 AM	93600.000	131.212	20.335	299.072	14286.563	15684.036	9.267	10665.145
69.996	1.005	14.771						
11/4/2016 12:15:00 AM	94500.000	131.236	20.339	299.127	14289.809	15686.277	9.268	10666.670
69.980	1.005	14.764						
11/4/2016 12:30:00 AM	95400.000	131.250	20.336	299.159	14293.383	15691.237	9.271	10670.041
69.962	1.005	14.768						
11/4/2016 12:45:00 AM	96300.000	131.243	20.341	299.143	14292.094	15688.186	9.269	10667.966
69.969	1.005	14.765						
11/4/2016 1:00:00 AM	97200.000	131.244	20.347	299.145	14294.717	15689.139	9.270	10668.614
69.956	1.005	14.768						
11/4/2016 1:15:00 AM	98100.000	131.255	20.344	299.170	14291.643	15686.739	9.268	10666.982
69.971	1.005	14.764						
11/4/2016 1:30:00 AM	99000.000	131.264	20.344	299.191	14295.129	15690.366	9.271	10669.450
69.954	1.005	14.760						
11/4/2016 1:45:00 AM	99900.000	131.264	20.347	299.191	14298.667	15693.212	9.273	10671.384
69.937	1.005	14.764						
11/4/2016 2:00:00 AM	100800.000	131.263	20.348	299.188	14295.459	15689.466	9.270	10668.838
69.952	1.005	14.770						
11/4/2016 2:15:00 AM	101700.000	131.264	20.351	299.191	14297.153	15690.489	9.271	10669.534
69.944	1.005	14.769						
11/4/2016 2:30:00 AM	102600.000	131.275	20.355	299.216	14296.646	15688.641	9.270	10668.275
69.946	1.005	14.768						
11/4/2016 2:45:00 AM	103500.000	131.270	20.358	299.205	14301.170	15692.546	9.272	10670.932
69.924	1.005	14.771						
11/4/2016 3:00:00 AM	104400.000	131.288	20.357	299.245	14300.692	15692.223	9.272	10670.713
69.927	1.005	14.766						
11/4/2016 3:15:00 AM	105300.000	131.277	20.349	299.221	14298.344	15692.373	9.272	10670.813
69.938	1.005	14.774						
11/4/2016 3:30:00 AM	106200.000	131.295	20.356	299.261	14300.368	15692.241	9.272	10670.725
69.928	1.005	14.773						
11/4/2016 3:45:00 AM	107100.000	131.297	20.360	299.266	14302.806	15693.594	9.273	10671.645
69.916	1.005	14.769						
11/4/2016 4:00:00 AM	108000.000	131.300	20.359	299.272	14301.260	15692.386	9.272	10670.823
69.924	1.005	14.774						
11/4/2016 4:15:00 AM	108900.000	131.306	20.359	299.288	14305.485	15696.963	9.275	10673.935
69.903	1.005	14.774						
11/4/2016 4:30:00 AM	109800.000	131.307	20.357	299.289	14305.012	15697.164	9.275	10674.072
69.906	1.005	14.769						
11/4/2016 4:45:00 AM	110700.000	131.309	20.361	299.293	14306.896	15697.679	9.276	10674.422
69.896	1.005	14.778						
11/4/2016 5:00:00 AM	111600.000	131.308	20.350	299.292	14308.646	15703.332	9.279	10678.267
69.888	1.005	14.769						
11/4/2016 5:15:00 AM	112500.000	131.321	20.353	299.322	14306.770	15700.412	9.277	10676.281
69.897	1.005	14.772						
11/4/2016 5:30:00 AM	113400.000	131.324	20.356	299.329	14309.746	15702.531	9.279	10677.722
69.882	1.005	14.775						
11/4/2016 5:45:00 AM	114300.000	131.310	20.359	299.297	14311.621	15703.638	9.279	10678.475
69.873	1.005	14.778						
11/4/2016 6:00:00 AM	115200.000	131.321	20.362	299.322	14315.483	15706.956	9.281	10680.730
69.854	1.005	14.778						
11/4/2016 6:15:00 AM	116100.000	131.319	20.356	299.316	14314.292	15707.604	9.282	10681.172
69.860	1.005	14.775						
11/4/2016 6:30:00 AM	117000.000	131.320	20.352	299.318	14304.636	15698.215	9.276	10674.786
69.907	1.005	14.776						
11/4/2016 6:45:00 AM	117900.000	131.325	20.363	299.330	14311.653	15702.495	9.279	10677.698
69.873	1.005	14.774						
11/4/2016 7:00:00 AM	118800.000	131.320	20.359	299.319	14312.202	15704.333	9.280	10678.946
69.870	1.005	14.774						
11/4/2016 7:15:00 AM	119700.000	131.326	20.364	299.333	14319.293	15710.420	9.284	10683.086
69.836	1.005	14.772						
11/4/2016 7:30:00 AM	120600.000	131.319	20.372	299.318	14320.128	15708.664	9.283	10681.893
69.832	1.005	14.769						
11/4/2016 7:45:00 AM	121500.000	131.333	20.373	299.348	14318.717	15706.712	9.281	10680.564
69.839	1.005	14.768						
11/4/2016 8:00:00 AM	122400.000	131.325	20.361	299.330	14317.121	15708.871	9.283	10682.032
69.846	1.005	14.774						
11/4/2016 8:15:00 AM	123300.000	131.324	20.359	299.329	14315.796	15708.249	9.282	10681.610
69.853	1.005	14.778						
11/4/2016 8:30:00 AM	124200.000	131.335	20.360	299.354	14321.372	15713.965	9.286	10685.496
69.826	1.005	14.770						
11/4/2016 8:45:00 AM	125100.000	131.333	20.367	299.349	14319.371	15709.587	9.283	10682.520
69.835	1.005	14.775						
11/4/2016 9:00:00 AM	126000.000	131.342	20.365	299.370	14318.816	15709.463	9.283	10682.435
69.838	1.005	14.771						
11/4/2016 9:15:00 AM	126900.000	131.333	20.352	299.349	14314.886	15709.378	9.283	10682.378
69.857	1.005	14.786						
11/4/2016 9:30:00 AM	127800.000	131.327	20.363	299.335	14318.937	15710.370	9.284	10683.052
69.838	1.005	14.783						
11/4/2016 9:45:00 AM	128700.000	131.350	20.354	299.387	14315.876	15709.801	9.283	10682.666

69.853	1.005	14.775						
11/4/2016 10:00:00 AM	129600.000	131.341	20.369	299.367	14320.416	15709.869	9.283	10682.712
69.830	1.005	14.780						
11/4/2016 10:15:00 AM	130500.000	131.346	20.367	299.379	14319.184	15709.323	9.283	10682.341
69.836	1.005	14.782						
11/4/2016 10:30:00 AM	131400.000	131.358	20.352	299.405	14315.313	15709.960	9.283	10682.772
69.855	1.005	14.782						
11/4/2016 10:45:00 AM	132300.000	131.348	20.360	299.383	14318.896	15711.163	9.284	10683.591
69.838	1.005	14.787						
11/4/2016 11:00:00 AM	133200.000	131.357	20.363	299.402	14318.348	15709.813	9.283	10682.674
69.840	1.005	14.785						
11/4/2016 11:15:00 AM	134100.000	131.353	20.370	299.394	14320.758	15710.013	9.283	10682.809
69.829	1.005	14.786						
11/4/2016 11:30:00 AM	135000.000	131.358	20.357	299.404	14314.508	15707.355	9.282	10681.003
69.859	1.005	14.785						
11/4/2016 11:45:00 AM	135900.000	131.364	20.364	299.420	14320.795	15712.038	9.285	10684.186
69.829	1.005	14.785						
11/4/2016 12:00:00 PM	136800.000	131.369	20.370	299.431	14322.290	15711.782	9.285	10684.013
69.821	1.005	14.790						
11/4/2016 12:15:00 PM	137700.000	131.361	20.369	299.412	14325.121	15715.121	9.287	10686.283
69.807	1.005	14.785						
11/4/2016 12:30:00 PM	138600.000	131.382	20.367	299.460	14314.871	15704.649	9.280	10679.163
69.857	1.005	14.782						
11/4/2016 12:45:00 PM	139500.000	131.380	20.363	299.455	14318.983	15710.480	9.284	10683.127
69.837	1.005	14.779						
11/4/2016 1:00:00 PM	140400.000	131.395	20.371	299.490	14322.059	15711.270	9.284	10683.663
69.822	1.005	14.773						
11/4/2016 1:15:00 PM	141300.000	131.380	20.377	299.456	14323.956	15711.227	9.284	10683.635
69.813	1.005	14.775						
11/4/2016 1:30:00 PM	142200.000	131.390	20.366	299.479	14322.950	15713.626	9.286	10685.267
69.818	1.005	14.779						
11/4/2016 1:45:00 PM	143100.000	131.390	20.359	299.479	14311.966	15703.961	9.280	10678.693
69.872	1.005	14.775						
11/4/2016 2:00:00 PM	144000.000	131.404	20.357	299.511	14315.639	15708.709	9.283	10681.922
69.854	1.005	14.778						
11/4/2016 2:15:00 PM	144900.000	131.406	20.370	299.515	14320.274	15709.543	9.283	10682.489
69.831	1.005	14.778						
11/4/2016 2:30:00 PM	145800.000	131.401	20.373	299.504	14319.066	15707.238	9.282	10680.923
69.837	1.005	14.778						
11/4/2016 2:45:00 PM	146700.000	131.415	20.365	299.535	14317.604	15708.193	9.282	10681.572
69.844	1.005	14.774						
11/4/2016 3:00:00 PM	147600.000	131.410	20.365	299.524	14321.548	15712.636	9.285	10684.593
69.825	1.005	14.778						
11/4/2016 3:15:00 PM	148500.000	131.418	20.356	299.542	14311.178	15703.987	9.280	10678.713
69.875	1.005	14.776						
11/4/2016 3:30:00 PM	149400.000	131.405	20.360	299.513	14313.066	15704.909	9.280	10679.339
69.866	1.005	14.778						
11/4/2016 3:45:00 PM	150300.000	131.418	20.346	299.541	14310.942	15707.232	9.282	10680.919
69.877	1.005	14.775						
11/4/2016 4:00:00 PM	151200.000	131.417	20.356	299.540	14309.271	15701.924	9.278	10677.309
69.885	1.005	14.777						
11/4/2016 4:15:00 PM	152100.000	131.415	20.362	299.534	14312.224	15703.236	9.279	10678.202
69.870	1.005	14.780						
11/4/2016 4:30:00 PM	153000.000	131.400	20.362	299.502	14310.902	15701.759	9.278	10677.196
69.877	1.005	14.779						
11/4/2016 4:45:00 PM	153900.000	131.404	20.360	299.510	14308.814	15700.159	9.277	10676.109
69.887	1.005	14.776						
11/4/2016 5:00:00 PM	154800.000	131.396	20.373	299.493	14307.261	15694.347	9.273	10672.156
69.895	1.005	14.778						
11/4/2016 5:15:00 PM	155700.000	131.425	20.361	299.558	14307.211	15698.283	9.276	10674.833
69.895	1.005	14.780						
11/4/2016 5:30:00 PM	156600.000	131.395	20.361	299.490	14312.129	15703.395	9.279	10678.310
69.871	1.005	14.780						
11/4/2016 5:45:00 PM	157500.000	131.395	20.354	299.489	14301.225	15693.898	9.273	10671.852
69.924	1.005	14.774						
11/4/2016 6:00:00 PM	158400.000	131.378	20.358	299.452	14303.228	15694.628	9.274	10672.347
69.914	1.005	14.777						
11/4/2016 6:15:00 PM	159300.000	131.377	20.366	299.449	14305.775	15694.784	9.274	10672.454
69.902	1.005	14.774						
11/4/2016 6:30:00 PM	160200.000	131.369	20.367	299.431	14307.679	15696.586	9.275	10673.680
69.893	1.005	14.775						
11/4/2016 6:45:00 PM	161100.000	131.356	20.369	299.401	14307.412	15695.892	9.274	10673.206
69.894	1.005	14.778						
11/4/2016 7:00:00 PM	162000.000	131.351	20.359	299.389	14301.576	15692.733	9.272	10671.059
69.922	1.005	14.775						
11/4/2016 7:15:00 PM	162900.000	131.339	20.365	299.361	14303.969	15693.321	9.273	10671.459
69.911	1.005	14.776						
11/4/2016 7:30:00 PM	163800.000	131.330	20.366	299.342	14302.406	15691.203	9.271	10670.020
69.918	1.005	14.778						
11/4/2016 7:45:00 PM	164700.000	131.321	20.356	299.322	14298.378	15690.255	9.271	10669.373
69.938	1.005	14.776						
11/4/2016 8:00:00 PM	165600.000	131.302	20.372	299.279	14300.149	15686.749	9.269	10666.989
69.929	1.005	14.781						
11/4/2016 8:15:00 PM	166500.000	131.316	20.362	299.310	14298.261	15687.916	9.269	10667.784
69.939	1.005	14.773						
11/4/2016 8:30:00 PM	167400.000	131.314	20.364	299.305	14298.429	15687.614	9.269	10667.579
69.938	1.005	14.776						
11/4/2016 8:45:00 PM	168300.000	131.293	20.366	299.258	14299.896	15688.393	9.270	10668.108
69.931	1.005	14.782						
11/4/2016 9:00:00 PM	169200.000	131.288	20.372	299.246	14299.377	15685.841	9.268	10666.372
69.933	1.005	14.781						
11/4/2016 9:15:00 PM	170100.000	131.272	20.362	299.210	14290.566	15679.529	9.264	10662.081
69.976	1.005	14.780						
11/4/2016 9:30:00 PM	171000.000	131.266	20.369	299.195	14295.357	15682.435	9.266	10664.056
69.953	1.005	14.786						
11/4/2016 9:45:00 PM	171900.000	131.264	20.368	299.192	14297.693	15685.431	9.268	10666.093
69.941	1.005	14.782						
11/4/2016 10:00:00 PM	172800.000	131.262	20.353	299.186	14291.424	15683.314	9.266	10664.654
69.972	1.005	14.784						
11/4/2016 10:15:00 PM	173700.000	131.252	20.365	299.165	14297.218	15685.942	9.268	10666.442
69.944	1.005	14.780						
11/4/2016 10:30:00 PM	174600.000	131.243	20.369	299.144	14292.384	15679.377	9.264	10661.977
69.967	1.005	14.787						
11/4/2016 10:45:00 PM	175500.000	131.235	20.364	299.124	14290.079	15678.453	9.263	10661.350
69.979	1.005	14.792						
11/4/2016 11:00:00 PM	176400.000	131.231	20.361	299.115	14288.453	15677.504	9.263	10660.704
69.987	1.005	14.792						
11/4/2016 11:15:00 PM	177300.000	131.216	20.367	299.081	14294.548	15682.126	9.266	10663.846
69.957	1.005	14.795						
11/4/2016 11:30:00 PM	178200.000	131.214	20.370	299.076	14287.151	15673.118	9.260	10657.722
69.993	1.005	14.791						
11/4/2016 11:45:00 PM	179100.000	131.216	20.368	299.083	14291.481	15678.616	9.263	10661.460
69.972	1.005	14.794						
11/5/2016 12:00:00 AM	180000.000	131.228	20.366	299.108	14294.400	15682.591	9.266	10664.163
69.957	1.005	14.795						
11/5/2016 12:15:00 AM	180900.000	131.217	20.359	299.084	14286.275	15675.687	9.261	10659.468
69.997	1.005	14.795						
11/5/2016 12:30:00 AM	181800.000	131.213	20.369	299.075	14289.640	15676.310	9.262	10659.892
69.981	1.005	14.796						
11/5/2016 12:45:00 AM	182700.000	131.211	20.356	299.071	14289.955	15680.784	9.265	10662.935
69.979	1.005	14.793						
11/5/2016 1:00:00 AM	183600.000	131.235	20.366	299.125	14289.577	15677.071	9.262	10660.409
69.981	1.005	14.781						
11/5/2016 1:15:00 AM	184500.000	131.223	20.370	299.098	14295.753	15682.756	9.266	10664.275
69.951	1.005	14.784						
11/5/2016 1:30:00 AM	185400.000	131.223	20.364	299.098	14293.382	15681.907	9.265	10663.698
69.962	1.005	14.793						
11/5/2016 1:45:00 AM	186300.000	131.229	20.366	299.111	14288.339	15675.654	9.261	10659.445
69.987	1.005	14.788						
11/5/2016 2:00:00 AM	187200.000	131.233	20.362	299.120	14292.530	15681.574	9.265	10663.472
69.967	1.005	14.785						
11/5/2016 2:15:00 AM	188100.000	131.233	20.368	299.119	14292.831	15680.124	9.264	10662.485
69.965	1.005	14.786						

11/5/2016 2:30:00 AM	189000.000	131.234	20.370	299.122	14290.270	15676.655	9.262	10660.127
69.978	1.005	14.781						
11/5/2016 2:45:00 AM	189900.000	131.246	20.366	299.149	14293.613	15681.469	9.265	10663.398
69.961	1.005	14.783						
11/5/2016 3:00:00 AM	190800.000	131.246	20.364	299.149	14289.071	15677.232	9.262	10660.519
69.984	1.005	14.781						
11/5/2016 3:15:00 AM	191700.000	131.256	20.363	299.173	14290.584	15679.093	9.264	10661.784
69.976	1.005	14.785						
11/5/2016 3:30:00 AM	192600.000	131.266	20.365	299.197	14287.592	15675.381	9.261	10659.259
69.991	1.005	14.783						
11/5/2016 3:45:00 AM	193500.000	131.265	20.368	299.193	14298.601	15686.396	9.268	10666.751
69.937	1.005	14.788						
11/5/2016 4:00:00 AM	194400.000	131.269	20.363	299.203	14292.019	15680.810	9.265	10662.950
69.969	1.005	14.789						
11/5/2016 4:15:00 AM	195300.000	131.265	20.372	299.194	14300.620	15687.322	9.269	10667.379
69.927	1.005	14.785						
11/5/2016 4:30:00 AM	196200.000	131.279	20.372	299.225	14302.921	15689.932	9.271	10669.154
69.916	1.005	14.778						
11/5/2016 4:45:00 AM	197100.000	131.278	20.366	299.223	14300.348	15688.829	9.270	10668.404
69.928	1.005	14.774						
11/5/2016 5:00:00 AM	198000.000	131.285	20.367	299.239	14300.628	15689.108	9.270	10668.595
69.927	1.005	14.773						
11/5/2016 5:15:00 AM	198900.000	131.296	20.369	299.263	14303.131	15691.109	9.271	10669.954
69.915	1.005	14.769						
11/5/2016 5:30:00 AM	199800.000	131.308	20.362	299.292	14302.040	15692.153	9.272	10670.665
69.920	1.005	14.770						
11/5/2016 5:45:00 AM	200700.000	131.307	20.355	299.289	14304.168	15696.697	9.275	10673.755
69.910	1.005	14.769						
11/5/2016 6:00:00 AM	201600.000	131.314	20.357	299.305	14301.595	15693.384	9.273	10671.501
69.922	1.005	14.767						
11/5/2016 6:15:00 AM	202500.000	131.313	20.352	299.303	14309.091	15703.307	9.279	10678.249
69.886	1.005	14.771						
11/5/2016 6:30:00 AM	203400.000	131.312	20.364	299.300	14305.167	15695.037	9.274	10672.626
69.905	1.005	14.773						
11/5/2016 6:45:00 AM	204300.000	131.318	20.372	299.314	14310.232	15697.691	9.276	10674.431
69.880	1.005	14.772						
11/5/2016 7:00:00 AM	205200.000	131.325	20.371	299.330	14314.993	15703.491	9.279	10678.374
69.857	1.005	14.771						
11/5/2016 7:15:00 AM	206100.000	131.322	20.362	299.323	14303.298	15693.415	9.273	10671.523
69.914	1.005	14.774						
11/5/2016 7:30:00 AM	207000.000	131.325	20.364	299.331	14308.636	15698.870	9.276	10675.232
69.888	1.005	14.774						
11/5/2016 7:45:00 AM	207900.000	131.319	20.363	299.317	14307.774	15698.182	9.276	10674.765
69.892	1.005	14.770						
11/5/2016 8:00:00 AM	208800.000	131.331	20.358	299.345	14304.832	15696.649	9.275	10673.723
69.906	1.005	14.773						
11/5/2016 8:15:00 AM	209700.000	131.326	20.372	299.333	14313.921	15701.771	9.278	10677.204
69.862	1.005	14.775						
11/5/2016 8:30:00 AM	210600.000	131.330	20.364	299.341	14313.119	15703.702	9.279	10678.519
69.866	1.005	14.771						
11/5/2016 8:45:00 AM	211500.000	131.319	20.372	299.316	14312.894	15700.813	9.278	10676.555
69.867	1.005	14.774						
11/5/2016 9:00:00 AM	212400.000	131.333	20.368	299.349	14310.748	15699.753	9.277	10675.833
69.878	1.005	14.769						
11/5/2016 9:15:00 AM	213300.000	131.347	20.361	299.380	14310.116	15701.356	9.278	10676.924
69.881	1.005	14.767						
11/5/2016 9:30:00 AM	214200.000	131.342	20.362	299.370	14312.347	15703.427	9.279	10678.330
69.870	1.005	14.769						
11/5/2016 9:45:00 AM	215100.000	131.338	20.382	299.360	14315.548	15700.364	9.277	10676.249
69.854	1.005	14.775						
11/5/2016 10:00:00 AM	216000.000	131.324	20.376	299.328	14317.574	15704.711	9.280	10679.204
69.844	1.005	14.786						
11/5/2016 10:15:00 AM	216900.000	131.351	20.371	299.389	14318.066	15706.890	9.281	10680.686
69.842	1.005	14.774						
11/5/2016 10:30:00 AM	217800.000	131.345	20.376	299.375	14319.401	15706.599	9.281	10680.487
69.835	1.005	14.774						
11/5/2016 10:45:00 AM	218700.000	131.345	20.374	299.376	14321.155	15709.101	9.283	10682.189
69.827	1.005	14.781						
11/5/2016 11:00:00 AM	219600.000	131.342	20.374	299.369	14312.204	15699.482	9.277	10675.648
69.870	1.005	14.779						
11/5/2016 11:15:00 AM	220500.000	131.342	20.369	299.370	14313.930	15702.726	9.279	10677.854
69.862	1.005	14.785						
11/5/2016 11:30:00 AM	221400.000	131.353	20.368	299.395	14314.804	15704.202	9.280	10678.857
69.858	1.005	14.786						
11/5/2016 11:45:00 AM	222300.000	131.352	20.367	299.393	14315.754	15705.531	9.281	10679.762
69.853	1.005	14.780						
11/5/2016 12:00:00 PM	223200.000	131.352	20.368	299.393	14321.670	15711.792	9.285	10684.020
69.824	1.005	14.786						
11/5/2016 12:15:00 PM	224100.000	131.352	20.373	299.391	14318.701	15706.924	9.282	10680.709
69.839	1.005	14.785						
11/5/2016 12:30:00 PM	225000.000	131.355	20.369	299.399	14318.590	15707.865	9.282	10681.349
69.839	1.005	14.784						
11/5/2016 12:45:00 PM	225900.000	131.368	20.366	299.429	14316.313	15706.434	9.281	10680.375
69.850	1.005	14.780						
11/5/2016 1:00:00 PM	226800.000	131.379	20.374	299.452	14320.267	15708.184	9.282	10681.566
69.831	1.005	14.778						
11/5/2016 1:15:00 PM	227700.000	131.368	20.362	299.429	14317.113	15708.717	9.283	10681.929
69.846	1.005	14.780						
11/5/2016 1:30:00 PM	228600.000	131.371	20.370	299.435	14318.983	15707.981	9.282	10681.428
69.837	1.005	14.781						
11/5/2016 1:45:00 PM	229500.000	131.367	20.360	299.426	14311.658	15703.307	9.279	10678.249
69.873	1.005	14.780						
11/5/2016 2:00:00 PM	230400.000	131.382	20.375	299.459	14319.752	15707.448	9.282	10681.064
69.834	1.005	14.778						
11/5/2016 2:15:00 PM	231300.000	131.377	20.374	299.448	14319.884	15707.676	9.282	10681.220
69.833	1.005	14.780						
11/5/2016 2:30:00 PM	232200.000	131.369	20.367	299.431	14316.620	15706.423	9.281	10680.367
69.849	1.005	14.784						
11/5/2016 2:45:00 PM	233100.000	131.395	20.363	299.490	14318.593	15709.851	9.283	10682.699
69.839	1.005	14.773						
11/5/2016 3:00:00 PM	234000.000	131.388	20.358	299.473	14313.109	15705.499	9.280	10679.740
69.866	1.005	14.773						
11/5/2016 3:15:00 PM	234900.000	131.386	20.364	299.468	14312.195	15702.719	9.279	10677.849
69.870	1.005	14.779						
11/5/2016 3:30:00 PM	235800.000	131.384	20.370	299.466	14316.659	15705.577	9.281	10679.793
69.849	1.005	14.778						
11/5/2016 3:45:00 PM	236700.000	131.402	20.375	299.505	14313.548	15700.527	9.277	10676.359
69.864	1.005	14.772						
11/5/2016 4:00:00 PM	237600.000	131.387	20.371	299.472	14315.885	15704.381	9.280	10678.979
69.852	1.005	14.775						
11/5/2016 4:15:00 PM	238500.000	131.391	20.377	299.482	14315.861	15702.316	9.279	10677.576
69.853	1.005	14.773						
11/5/2016 4:30:00 PM	239400.000	131.384	20.375	299.464	14318.986	15706.521	9.281	10680.435
69.837	1.005	14.779						
11/5/2016 4:45:00 PM	240300.000	131.387	20.374	299.471	14315.920	15703.531	9.279	10678.402
69.852	1.005	14.777						
11/5/2016 5:00:00 PM	241200.000	131.386	20.374	299.470	14316.659	15704.284	9.280	10678.913
69.849	1.005	14.774						
11/5/2016 5:15:00 PM	242100.000	131.386	20.372	299.470	14311.640	15699.235	9.277	10675.480
69.873	1.005	14.769						
11/5/2016 5:30:00 PM	243000.000	131.371	20.375	299.434	14314.157	15701.054	9.278	10676.718
69.861	1.005	14.765						
11/5/2016 5:45:00 PM	243900.000	131.376	20.360	299.447	14302.204	15693.104	9.273	10671.312
69.919	1.005	14.767						
11/5/2016 6:00:00 PM	244800.000	131.372	20.368	299.438	14306.690	15695.416	9.274	10672.883
69.897	1.005	14.767						
11/5/2016 6:15:00 PM	245700.000	131.368	20.371	299.428	14309.149	15697.051	9.275	10673.996
69.885	1.005	14.760						
11/5/2016 6:30:00 PM	246600.000	131.361	20.373	299.412	14311.141	15698.401	9.276	10674.913
69.876	1.005	14.759						
11/5/2016 6:45:00 PM	247500.000	131.345	20.366	299.376	14307.708	15696.904	9.275	10673.896
69.892	1.005	14.757						
11/5/2016 7:00:00 PM	248400.000	131.343	20.373	299.370	14309.098	15696.361	9.275	10673.525

69.886	1.005	14.767						
11/5/2016 7:15:00 PM	249300.000	131.334	20.360	299.351	14300.925	15691.587	9.272	10670.279
69.926	1.005	14.763						
11/5/2016 7:30:00 PM	250200.000	131.338	20.357	299.359	14303.399	15695.166	9.274	10672.713
69.913	1.005	14.757						
11/5/2016 7:45:00 PM	251100.000	131.331	20.360	299.344	14303.194	15694.077	9.273	10671.974
69.914	1.005	14.763						
11/5/2016 8:00:00 PM	252000.000	131.318	20.357	299.315	14299.762	15691.145	9.271	10669.979
69.931	1.005	14.759						
11/5/2016 8:15:00 PM	252900.000	131.302	20.373	299.278	14303.436	15690.007	9.271	10669.206
69.913	1.005	14.766						
11/5/2016 8:30:00 PM	253800.000	131.290	20.360	299.250	14300.364	15691.058	9.271	10669.919
69.928	1.005	14.764						
11/5/2016 8:45:00 PM	254700.000	131.296	20.370	299.264	14305.499	15693.246	9.273	10671.407
69.903	1.005	14.755						
11/5/2016 9:00:00 PM	255600.000	131.283	20.376	299.235	14309.047	15695.158	9.274	10672.709
69.886	1.005	14.764						
11/5/2016 9:15:00 PM	256500.000	131.281	20.374	299.230	14302.107	15688.148	9.270	10667.942
69.920	1.005	14.759						
11/5/2016 9:30:00 PM	257400.000	131.272	20.367	299.209	14299.816	15687.987	9.269	10667.831
69.931	1.005	14.759						
11/5/2016 9:45:00 PM	258300.000	131.256	20.375	299.174	14304.493	15690.681	9.271	10669.663
69.908	1.005	14.761						
11/5/2016 10:00:00 PM	259200.000	131.277	20.369	299.220	14303.815	15691.802	9.272	10670.427
69.911	1.005	14.767						
11/5/2016 10:15:00 PM	260100.000	131.244	20.375	299.146	14306.396	15692.510	9.272	10670.908
69.899	1.005	14.766						
11/5/2016 10:30:00 PM	261000.000	131.240	20.362	299.137	14299.681	15689.649	9.270	10668.963
69.932	1.005	14.769						
11/5/2016 10:45:00 PM	261900.000	131.222	20.376	299.095	14301.070	15686.352	9.268	10666.720
69.925	1.005	14.770						
11/5/2016 11:00:00 PM	262800.000	131.221	20.375	299.093	14305.206	15691.234	9.271	10670.039
69.905	1.005	14.774						
11/5/2016 11:15:00 PM	263700.000	131.210	20.372	299.067	14298.878	15685.384	9.268	10666.063
69.936	1.005	14.776						
11/5/2016 11:30:00 PM	264600.000	131.245	20.378	299.148	14302.656	15687.548	9.269	10667.533
69.917	1.005	14.772						
11/5/2016 11:45:00 PM	265500.000	131.209	20.372	299.065	14300.871	15687.455	9.269	10667.470
69.926	1.005	14.768						
11/6/2016 12:00:00 AM	266400.000	131.204	20.376	299.054	14301.906	15687.299	9.269	10667.364
69.921	1.005	14.769						
11/6/2016 12:15:00 AM	267300.000	131.199	20.367	299.042	14303.025	15691.624	9.272	10670.306
69.915	1.005	14.767						
11/6/2016 12:30:00 AM	268200.000	131.205	20.365	299.057	14295.962	15684.389	9.267	10665.385
69.950	1.005	14.761						
11/6/2016 12:45:00 AM	269100.000	131.194	20.375	299.031	14301.298	15686.917	9.269	10667.104
69.924	1.005	14.773						
11/6/2016 1:00:00 AM	270000.000	131.193	20.365	299.029	14301.125	15689.996	9.271	10669.198
69.925	1.005	14.772						
11/6/2016 1:15:00 AM	270900.000	131.194	20.371	299.032	14298.029	15684.650	9.267	10665.563
69.940	1.005	14.772						
11/6/2016 1:30:00 AM	271800.000	131.198	20.374	299.041	14297.314	15682.919	9.266	10664.385
69.943	1.005	14.769						
11/6/2016 1:45:00 AM	272700.000	131.208	20.367	299.063	14296.799	15684.595	9.267	10665.524
69.946	1.005	14.771						
11/6/2016 2:00:00 AM	273600.000	131.207	20.376	299.061	14303.599	15689.095	9.270	10668.586
69.912	1.005	14.773						
11/6/2016 2:15:00 AM	274500.000	131.195	20.365	299.034	14297.840	15686.710	9.269	10666.964
69.941	1.005	14.775						
11/6/2016 2:30:00 AM	275400.000	131.204	20.369	299.054	14294.409	15681.509	9.265	10663.427
69.957	1.005	14.775						
11/6/2016 2:45:00 AM	276300.000	131.214	20.376	299.077	14298.247	15683.512	9.267	10664.788
69.939	1.005	14.768						
11/6/2016 2:00:00 AM	277200.000	131.206	20.373	299.060	14304.355	15691.101	9.271	10669.948
69.909	1.005	14.775						
11/6/2016 2:15:00 AM	278100.000	131.233	20.369	299.120	14304.577	15692.609	9.272	10670.975
69.908	1.005	14.771						
11/6/2016 2:30:00 AM	279000.000	131.224	20.355	299.100	14297.979	15689.990	9.271	10669.194
69.940	1.005	14.773						
11/6/2016 2:45:00 AM	279900.000	131.223	20.366	299.097	14306.271	15695.354	9.274	10672.841
69.899	1.005	14.776						
11/6/2016 3:00:00 AM	280800.000	131.227	20.370	299.107	14307.498	15695.527	9.274	10672.959
69.893	1.005	14.773						
11/6/2016 3:15:00 AM	281700.000	131.240	20.370	299.137	14308.104	15696.131	9.275	10673.369
69.890	1.005	14.774						
11/6/2016 3:30:00 AM	282600.000	131.236	20.375	299.128	14312.563	15699.274	9.277	10675.508
69.869	1.005	14.769						
11/6/2016 3:45:00 AM	283500.000	131.249	20.369	299.156	14305.034	15693.022	9.273	10671.256
69.905	1.005	14.773						
11/6/2016 4:00:00 AM	284400.000	131.241	20.371	299.139	14311.353	15699.524	9.277	10675.678
69.875	1.005	14.767						
11/6/2016 4:15:00 AM	285300.000	131.272	20.368	299.209	14308.987	15697.936	9.276	10674.597
69.886	1.005	14.757						
11/6/2016 4:30:00 AM	286200.000	131.265	20.369	299.193	14309.099	15697.481	9.275	10674.288
69.886	1.005	14.763						
11/6/2016 4:45:00 AM	287100.000	131.280	20.379	299.227	14318.370	15704.437	9.280	10679.017
69.840	1.005	14.763						
11/6/2016 5:00:00 AM	288000.000	131.273	20.371	299.213	14316.137	15704.686	9.280	10679.187
69.851	1.005	14.770						
11/6/2016 5:15:00 AM	288900.000	131.273	20.376	299.211	14314.768	15701.405	9.278	10676.956
69.858	1.005	14.771						
11/6/2016 5:30:00 AM	289800.000	131.274	20.367	299.215	14313.636	15703.350	9.279	10678.279
69.863	1.005	14.768						
11/6/2016 5:45:00 AM	290700.000	131.285	20.367	299.239	14315.518	15705.131	9.280	10679.490
69.854	1.005	14.765						
11/6/2016 6:00:00 AM	291600.000	131.296	20.376	299.263	14318.590	15705.653	9.281	10679.845
69.839	1.005	14.764						
11/6/2016 6:15:00 AM	292500.000	131.282	20.373	299.233	14320.236	15708.408	9.282	10681.718
69.831	1.005	14.777						
11/6/2016 6:30:00 AM	293400.000	131.288	20.363	299.246	14314.083	15705.045	9.280	10679.431
69.861	1.005	14.773						
11/6/2016 6:45:00 AM	294300.000	131.312	20.368	299.300	14322.737	15712.963	9.285	10684.815
69.819	1.005	14.769						
11/6/2016 7:00:00 AM	295200.000	131.306	20.371	299.287	14323.600	15712.789	9.285	10684.697
69.815	1.005	14.771						
11/6/2016 7:15:00 AM	296100.000	131.332	20.364	299.347	14321.117	15712.279	9.285	10684.350
69.827	1.005	14.777						
11/6/2016 7:30:00 AM	297000.000	131.298	20.380	299.269	14323.977	15710.241	9.284	10682.964
69.813	1.005	14.779						
11/6/2016 7:45:00 AM	297900.000	131.306	20.363	299.286	14317.668	15708.808	9.283	10681.989
69.844	1.005	14.772						
11/6/2016 8:00:00 AM	298800.000	131.308	20.369	299.290	14318.922	15708.229	9.282	10681.596
69.838	1.005	14.783						
11/6/2016 8:15:00 AM	299700.000	131.310	20.377	299.297	14319.884	15706.699	9.281	10680.557
69.833	1.005	14.778						
11/6/2016 8:30:00 AM	300600.000	131.315	20.374	299.307	14319.648	15707.417	9.282	10681.045
69.834	1.005	14.782						
11/6/2016 8:45:00 AM	301500.000	131.308	20.371	299.290	14322.054	15711.292	9.284	10683.680
69.822	1.005	14.784						
11/6/2016 9:00:00 AM	302400.000	131.302	20.367	299.278	14322.104	15712.671	9.285	10684.617
69.822	1.005	14.790						
11/6/2016 9:15:00 AM	303300.000	131.316	20.367	299.310	14320.865	15711.196	9.284	10683.614
69.828	1.005	14.785						
11/6/2016 9:30:00 AM	304200.000	131.315	20.365	299.307	14319.812	15710.702	9.284	10683.278
69.833	1.005	14.793						
11/6/2016 9:45:00 AM	305100.000	131.353	20.379	299.394	14326.194	15713.046	9.285	10684.872
69.802	1.005	14.785						
11/6/2016 10:00:00 AM	306000.000	131.326	20.367	299.332	14317.143	15707.023	9.282	10680.776
69.846	1.005	14.783						
11/6/2016 10:15:00 AM	306900.000	131.325	20.371	299.331	14319.907	15708.937	9.283	10682.077
69.833	1.005	14.786						
11/6/2016 10:30:00 AM	307800.000	131.324	20.368	299.328	14322.475	15712.532	9.285	10684.522
69.820	1.005	14.785						

11/6/2016 10:45:00 AM	308700.000	131.320	20.367	299.318	14324.412	15715.173	9.287	10686.317
69.811	1.005	14.791						
11/6/2016 11:00:00 AM	309600.000	131.313	20.371	299.303	14320.681	15709.560	9.283	10682.502
69.829	1.005	14.795						
11/6/2016 11:15:00 AM	310500.000	131.334	20.357	299.350	14314.502	15707.520	9.282	10681.114
69.859	1.005	14.788						
11/6/2016 11:30:00 AM	311400.000	131.334	20.367	299.352	14320.872	15711.115	9.284	10683.560
69.828	1.005	14.789						
11/6/2016 11:45:00 AM	312300.000	131.338	20.358	299.360	14316.739	15709.715	9.283	10682.606
69.848	1.005	14.784						
11/6/2016 12:00:00 PM	313200.000	131.339	20.368	299.362	14320.587	15710.517	9.284	10683.152
69.830	1.005	14.783						
11/6/2016 12:15:00 PM	314100.000	131.341	20.372	299.366	14324.053	15713.055	9.285	10684.877
69.813	1.005	14.778						
11/6/2016 12:30:00 PM	315000.000	131.332	20.367	299.346	14315.239	15705.054	9.280	10679.437
69.856	1.005	14.787						
11/6/2016 12:45:00 PM	315900.000	131.336	20.377	299.355	14325.810	15713.430	9.286	10685.132
69.804	1.005	14.783						
11/6/2016 1:00:00 PM	316800.000	131.347	20.358	299.380	14319.827	15712.843	9.285	10684.734
69.833	1.005	14.782						
11/6/2016 1:15:00 PM	317700.000	131.344	20.369	299.373	14316.128	15705.309	9.280	10679.611
69.851	1.005	14.785						
11/6/2016 1:30:00 PM	318600.000	131.345	20.372	299.375	14322.633	15711.442	9.284	10683.781
69.820	1.005	14.781						
11/6/2016 1:45:00 PM	319500.000	131.353	20.358	299.394	14314.068	15706.581	9.281	10680.477
69.861	1.005	14.777						
11/6/2016 2:00:00 PM	320400.000	131.357	20.376	299.403	14323.124	15710.627	9.284	10683.228
69.817	1.005	14.775						
11/6/2016 2:15:00 PM	321300.000	131.350	20.367	299.386	14315.295	15704.941	9.280	10679.360
69.855	1.005	14.781						
11/6/2016 2:30:00 PM	322200.000	131.358	20.364	299.404	14320.408	15711.699	9.285	10683.956
69.830	1.005	14.778						
11/6/2016 2:45:00 PM	323100.000	131.390	20.365	299.479	14314.641	15704.914	9.280	10679.342
69.859	1.005	14.782						
11/6/2016 3:00:00 PM	324000.000	131.363	20.372	299.417	14316.083	15704.109	9.280	10678.796
69.852	1.005	14.778						
11/6/2016 3:15:00 PM	324900.000	131.363	20.377	299.417	14319.963	15706.874	9.282	10680.676
69.833	1.005	14.779						
11/6/2016 3:30:00 PM	325800.000	131.369	20.373	299.429	14320.272	15708.592	9.283	10681.844
69.831	1.005	14.778						
11/6/2016 3:45:00 PM	326700.000	131.364	20.372	299.420	14325.349	15714.392	9.286	10685.786
69.806	1.005	14.782						
11/6/2016 4:00:00 PM	327600.000	131.364	20.375	299.420	14319.055	15706.511	9.281	10680.429
69.837	1.005	14.785						
11/6/2016 4:15:00 PM	328500.000	131.363	20.370	299.417	14323.271	15712.913	9.285	10684.782
69.816	1.005	14.784						
11/6/2016 4:30:00 PM	329400.000	131.370	20.365	299.432	14310.339	15700.104	9.277	10676.072
69.880	1.005	14.780						
11/6/2016 4:45:00 PM	330300.000	131.360	20.371	299.410	14320.753	15709.694	9.283	10682.593
69.829	1.005	14.785						
11/6/2016 5:00:00 PM	331200.000	131.363	20.376	299.416	14318.593	15705.801	9.281	10679.945
69.839	1.005	14.785						
11/6/2016 5:15:00 PM	332100.000	131.355	20.364	299.399	14318.455	15709.358	9.283	10682.364
69.840	1.005	14.789						
11/6/2016 5:30:00 PM	333000.000	131.365	20.371	299.422	14318.472	15707.334	9.282	10680.987
69.840	1.005	14.786						
11/6/2016 5:45:00 PM	333900.000	131.344	20.369	299.372	14313.663	15702.749	9.279	10677.870
69.863	1.005	14.796						
11/6/2016 6:00:00 PM	334800.000	131.335	20.363	299.353	14311.466	15702.119	9.278	10677.441
69.874	1.005	14.796						
11/6/2016 6:15:00 PM	335700.000	131.346	20.377	299.379	14318.219	15704.845	9.280	10679.296
69.841	1.005	14.787						
11/6/2016 6:30:00 PM	336600.000	131.339	20.363	299.363	14313.025	15703.714	9.279	10678.526
69.866	1.005	14.790						
11/6/2016 6:45:00 PM	337500.000	131.327	20.363	299.334	14316.074	15707.117	9.282	10680.841
69.852	1.005	14.797						
11/6/2016 7:00:00 PM	338400.000	131.315	20.373	299.308	14314.463	15702.104	9.278	10677.431
69.859	1.005	14.796						
11/6/2016 7:15:00 PM	339300.000	131.319	20.377	299.316	14313.134	15699.526	9.277	10675.679
69.866	1.005	14.798						
11/6/2016 7:30:00 PM	340200.000	131.305	20.370	299.284	14307.804	15695.945	9.274	10673.243
69.892	1.005	14.796						
11/6/2016 7:45:00 PM	341100.000	131.286	20.373	299.242	14309.259	15696.511	9.275	10673.628
69.885	1.005	14.803						
11/6/2016 8:00:00 PM	342000.000	131.293	20.376	299.257	14312.300	15698.698	9.276	10675.115
69.870	1.005	14.794						
11/6/2016 8:15:00 PM	342900.000	131.290	20.363	299.250	14304.338	15694.299	9.273	10672.124
69.909	1.005	14.791						
11/6/2016 8:30:00 PM	343800.000	131.271	20.372	299.207	14309.568	15696.963	9.275	10673.935
69.883	1.005	14.793						
11/6/2016 8:45:00 PM	344700.000	131.267	20.358	299.198	14302.658	15694.031	9.273	10671.941
69.917	1.005	14.794						
11/6/2016 9:00:00 PM	345600.000	131.257	20.372	299.175	14311.658	15699.544	9.277	10675.690
69.873	1.005	14.792						
11/6/2016 9:15:00 PM	346500.000	131.250	20.367	299.160	14309.633	15698.988	9.276	10675.313
69.883	1.005	14.792						
11/6/2016 9:30:00 PM	347400.000	131.248	20.360	299.155	14305.292	15696.267	9.275	10673.462
69.904	1.005	14.785						
11/6/2016 9:45:00 PM	348300.000	131.242	20.371	299.141	14308.896	15696.544	9.275	10673.650
69.887	1.005	14.782						
11/6/2016 10:00:00 PM	349200.000	131.240	20.356	299.137	14306.169	15698.634	9.276	10675.071
69.900	1.005	14.783						
11/6/2016 10:15:00 PM	350100.000	131.233	20.364	299.121	14304.923	15694.769	9.274	10672.442
69.906	1.005	14.788						
11/6/2016 10:30:00 PM	351000.000	131.217	20.367	299.085	14306.709	15695.638	9.274	10673.035
69.897	1.005	14.794						
11/6/2016 10:45:00 PM	351900.000	131.222	20.375	299.095	14307.313	15693.743	9.273	10671.745
69.894	1.005	14.787						
11/6/2016 11:00:00 PM	352800.000	131.218	20.361	299.085	14303.066	15693.594	9.273	10671.645
69.915	1.005	14.791						
11/6/2016 11:15:00 PM	353700.000	131.206	20.358	299.059	14307.423	15699.521	9.277	10675.675
69.894	1.005	14.789						
11/6/2016 11:30:00 PM	354600.000	131.199	20.368	299.044	14306.911	15695.514	9.274	10672.950
69.896	1.005	14.791						
11/6/2016 11:45:00 PM	355500.000	131.192	20.372	299.026	14306.124	15693.388	9.273	10671.504
69.900	1.005	14.789						
11/7/2016 12:00:00 AM	356400.000	131.198	20.369	299.040	14310.609	15699.110	9.276	10675.396
69.878	1.005	14.789						
11/7/2016 12:15:00 AM	357300.000	131.202	20.363	299.050	14304.219	15694.195	9.273	10672.054
69.909	1.005	14.785						
11/7/2016 12:30:00 AM	358200.000	131.197	20.365	299.039	14307.423	15696.963	9.275	10673.935
69.894	1.005	14.783						
11/7/2016 12:45:00 AM	359100.000	131.190	20.368	299.022	14306.788	15695.379	9.274	10672.858
69.897	1.005	14.790						
11/7/2016 1:00:00 AM	360000.000	131.189	20.363	299.019	14303.469	15693.458	9.273	10671.553
69.913	1.005	14.790						
11/7/2016 1:15:00 AM	360900.000	131.189	20.373	299.019	14311.122	15698.438	9.276	10674.939
69.876	1.005	14.787						
11/7/2016 1:30:00 AM	361800.000	131.192	20.362	299.028	14306.946	15697.649	9.275	10674.402
69.896	1.005	14.793						
11/7/2016 1:45:00 AM	362700.000	131.190	20.374	299.022	14311.267	15698.339	9.276	10674.870
69.875	1.005	14.788						
11/7/2016 2:00:00 AM	363600.000	131.192	20.362	299.027	14305.758	15696.170	9.275	10673.396
69.902	1.005	14.787						
11/7/2016 2:15:00 AM	364500.000	131.202	20.373	299.051	14308.790	15695.823	9.274	10673.160
69.887	1.005	14.786						
11/7/2016 2:30:00 AM	365400.000	131.209	20.379	299.065	14314.194	15699.769	9.277	10675.843
69.861	1.005	14.788						
11/7/2016 2:45:00 AM	366300.000	131.217	20.364	299.083	14311.260	15701.662	9.278	10677.131
69.875	1.005	14.781						
11/7/2016 3:00:00 AM	367200.000	131.214	20.373	299.076	14310.046	15697.171	9.275	10674.077
69.881	1.005	14.787						
11/7/2016 3:15:00 AM	368100.000	131.223	20.376	299.097	14318.202	15705.256	9.280	10679.575

69.841	1.005	14.790						
11/7/2016 3:30:00 AM	369000.000	131.229	20.368	299.112	14316.113	15705.493	9.281	10679.736
69.851	1.005	14.783						
11/7/2016 3:45:00 AM	369900.000	131.229	20.376	299.112	14315.324	15702.016	9.278	10677.372
69.855	1.005	14.788						
11/7/2016 4:00:00 AM	370800.000	131.244	20.375	299.144	14317.375	15704.695	9.280	10679.193
69.845	1.005	14.788						
11/7/2016 4:15:00 AM	371700.000	131.244	20.376	299.145	14318.277	15705.366	9.281	10679.650
69.841	1.005	14.787						
11/7/2016 4:30:00 AM	372600.000	131.247	20.371	299.152	14319.248	15708.187	9.282	10681.568
69.836	1.005	14.795						
11/7/2016 4:45:00 AM	373500.000	131.263	20.370	299.189	14322.243	15711.703	9.285	10683.958
69.821	1.005	14.789						
11/7/2016 5:00:00 AM	374400.000	131.265	20.374	299.193	14325.506	15713.814	9.286	10685.395
69.806	1.005	14.790						
11/7/2016 5:15:00 AM	375300.000	131.279	20.379	299.226	14328.691	15715.757	9.287	10686.715
69.790	1.005	14.792						
11/7/2016 5:30:00 AM	376200.000	131.273	20.365	299.212	14324.039	15715.253	9.287	10686.373
69.813	1.005	14.795						
11/7/2016 5:45:00 AM	377100.000	131.288	20.362	299.246	14324.751	15717.071	9.288	10687.608
69.809	1.005	14.791						
11/7/2016 6:00:00 AM	378000.000	131.279	20.369	299.226	14327.677	15718.123	9.289	10688.325
69.795	1.005	14.795						
11/7/2016 6:15:00 AM	378900.000	131.284	20.377	299.236	14327.629	15715.368	9.287	10686.451
69.795	1.005	14.794						
11/7/2016 6:30:00 AM	379800.000	131.300	20.370	299.274	14331.589	15721.928	9.291	10690.911
69.776	1.005	14.787						
11/7/2016 6:45:00 AM	380700.000	131.299	20.374	299.270	14332.586	15721.666	9.291	10690.734
69.771	1.005	14.788						
11/7/2016 7:00:00 AM	381600.000	131.300	20.381	299.273	14337.277	15724.656	9.293	10692.768
69.748	1.005	14.799						
11/7/2016 7:15:00 AM	382500.000	131.315	20.369	299.308	14336.376	15727.493	9.295	10694.695
69.753	1.005	14.794						
11/7/2016 7:30:00 AM	383400.000	131.312	20.369	299.300	14334.913	15726.007	9.294	10693.686
69.760	1.005	14.802						
11/7/2016 7:45:00 AM	384300.000	131.317	20.366	299.311	14331.349	15722.840	9.292	10691.532
69.777	1.005	14.802						
11/7/2016 8:00:00 AM	385200.000	131.323	20.376	299.326	14334.617	15723.148	9.292	10691.742
69.761	1.005	14.801						
11/7/2016 8:15:00 AM	386100.000	131.324	20.376	299.327	14332.495	15720.961	9.291	10690.254
69.772	1.005	14.806						
11/7/2016 8:30:00 AM	387000.000	131.324	20.365	299.328	14330.525	15722.513	9.291	10691.309
69.781	1.005	14.802						
11/7/2016 8:45:00 AM	387900.000	131.321	20.362	299.322	14330.557	15723.379	9.292	10691.898
69.781	1.005	14.807						
11/7/2016 9:00:00 AM	388800.000	131.335	20.367	299.354	14333.600	15725.282	9.293	10693.192
69.766	1.005	14.800						
11/7/2016 9:15:00 AM	389700.000	131.309	20.369	299.293	14331.752	15722.448	9.291	10691.265
69.775	1.005	14.807						
11/7/2016 9:30:00 AM	390600.000	131.320	20.371	299.318	14333.850	15724.231	9.293	10692.479
69.765	1.005	14.812						
11/7/2016 9:45:00 AM	391500.000	131.331	20.373	299.344	14336.116	15725.855	9.294	10693.583
69.754	1.005	14.793						
11/7/2016 10:00:00 AM	392400.000	131.323	20.368	299.326	14330.926	15721.715	9.291	10690.768
69.779	1.005	14.800						
11/7/2016 10:15:00 AM	393300.000	131.317	20.377	299.312	14334.168	15722.510	9.292	10691.307
69.763	1.005	14.798						
11/7/2016 10:30:00 AM	394200.000	131.359	20.374	299.407	14339.692	15729.434	9.296	10696.016
69.737	1.005	14.798						
11/7/2016 10:45:00 AM	395100.000	131.353	20.373	299.393	14336.488	15726.148	9.294	10693.782
69.752	1.005	14.794						
11/7/2016 11:00:00 AM	396000.000	131.330	20.372	299.341	14334.999	15724.917	9.293	10692.943
69.759	1.005	14.795						
11/7/2016 11:15:00 AM	396900.000	131.330	20.368	299.341	14333.304	15724.468	9.293	10692.640
69.768	1.005	14.791						
11/7/2016 11:30:00 AM	397800.000	131.324	20.363	299.328	14332.686	15725.571	9.293	10693.389
69.771	1.005	14.785						
11/7/2016 11:45:00 AM	398700.000	131.311	20.371	299.299	14336.368	15726.737	9.294	10694.183
69.753	1.005	14.792						
11/7/2016 12:00:00 PM	399600.000	131.323	20.370	299.326	14336.054	15726.937	9.294	10694.317
69.754	1.005	14.787						
11/7/2016 12:15:00 PM	400500.000	131.328	20.366	299.337	14337.075	15729.182	9.296	10695.845
69.749	1.005	14.775						
11/7/2016 12:30:00 PM	401400.000	131.330	20.367	299.342	14336.602	15728.371	9.295	10695.292
69.752	1.005	14.768						
11/7/2016 12:45:00 PM	402300.000	131.331	20.370	299.344	14335.803	15726.432	9.294	10693.975
69.755	1.005	14.772						
11/7/2016 1:00:00 PM	403200.000	131.322	20.369	299.323	14337.526	15728.756	9.295	10695.554
69.747	1.005	14.771						
11/7/2016 1:15:00 PM	404100.000	131.327	20.375	299.335	14336.225	15725.487	9.293	10693.332
69.753	1.005	14.769						
11/7/2016 1:30:00 PM	405000.000	131.324	20.371	299.327	14328.159	15717.846	9.288	10688.135
69.793	1.005	14.773						
11/7/2016 1:45:00 PM	405900.000	131.331	20.363	299.345	14329.848	15722.372	9.291	10691.214
69.784	1.005	14.770						
11/7/2016 2:00:00 PM	406800.000	131.330	20.362	299.341	14326.574	15719.125	9.289	10689.006
69.800	1.005	14.765						
11/7/2016 2:15:00 PM	407700.000	131.331	20.376	299.344	14336.578	15725.412	9.293	10693.281
69.752	1.005	14.768						
11/7/2016 2:30:00 PM	408600.000	131.329	20.372	299.339	14334.766	15724.807	9.293	10692.868
69.760	1.005	14.770						
11/7/2016 2:45:00 PM	409500.000	131.321	20.366	299.321	14330.365	15721.992	9.291	10690.955
69.782	1.005	14.772						
11/7/2016 3:00:00 PM	410400.000	131.334	20.371	299.350	14332.138	15722.155	9.291	10691.065
69.773	1.005	14.772						
11/7/2016 3:15:00 PM	411300.000	131.332	20.367	299.345	14329.237	15720.496	9.290	10689.938
69.787	1.005	14.775						
11/7/2016 3:30:00 PM	412200.000	131.328	20.384	299.336	14337.116	15723.475	9.292	10691.963
69.749	1.005	14.777						
11/7/2016 3:45:00 PM	413100.000	131.344	20.369	299.374	14329.211	15719.518	9.290	10689.272
69.788	1.005	14.777						
11/7/2016 4:00:00 PM	414000.000	131.333	20.369	299.348	14329.347	15719.757	9.290	10689.435
69.787	1.005	14.779						
11/7/2016 4:15:00 PM	414900.000	131.330	20.375	299.342	14333.117	15721.819	9.291	10690.838
69.768	1.005	14.780						
11/7/2016 4:30:00 PM	415800.000	131.338	20.372	299.360	14329.425	15718.976	9.289	10688.904
69.786	1.005	14.777						
11/7/2016 4:45:00 PM	416700.000	131.325	20.378	299.331	14333.581	15721.382	9.291	10690.540
69.766	1.005	14.783						
11/7/2016 5:00:00 PM	417600.000	131.327	20.374	299.335	14333.777	15722.974	9.292	10691.623
69.765	1.005	14.786						
11/7/2016 5:15:00 PM	418500.000	131.344	20.371	299.374	14330.787	15720.646	9.290	10690.040
69.780	1.005	14.777						
11/7/2016 5:30:00 PM	419400.000	131.336	20.372	299.354	14332.646	15722.510	9.291	10691.307
69.771	1.005	14.786						
11/7/2016 5:45:00 PM	420300.000	131.330	20.373	299.340	14330.106	15719.176	9.289	10689.040
69.783	1.005	14.783						
11/7/2016 6:00:00 PM	421200.000	131.331	20.377	299.345	14333.121	15721.190	9.291	10690.409
69.768	1.005	14.790						
11/7/2016 6:15:00 PM	422100.000	131.338	20.368	299.361	14330.876	15721.660	9.291	10690.730
69.779	1.005	14.787						
11/7/2016 6:30:00 PM	423000.000	131.340	20.369	299.364	14329.386	15719.736	9.290	10689.422
69.787	1.005	14.780						
11/7/2016 6:45:00 PM	423900.000	131.331	20.375	299.344	14331.325	15719.912	9.290	10689.541
69.777	1.005	14.789						
11/7/2016 7:00:00 PM	424800.000	131.312	20.368	299.301	14326.997	15717.493	9.288	10687.896
69.798	1.005	14.792						
11/7/2016 7:15:00 PM	425700.000	131.325	20.375	299.330	14331.010	15719.797	9.290	10689.463
69.779	1.005	14.787						
11/7/2016 7:30:00 PM	426600.000	131.317	20.369	299.311	14327.224	15717.337	9.288	10687.790
69.797	1.005	14.790						
11/7/2016 7:45:00 PM	427500.000	131.306	20.366	299.287	14325.362	15716.531	9.288	10687.241
69.806	1.005	14.788						

11/7/2016 8:00:00 PM	428400.000	131.296	20.376	299.264	14329.756	15717.873	9.289	10688.154
69.785	1.005	14.787						
11/7/2016 8:15:00 PM	429300.000	131.289	20.371	299.249	14327.407	15716.938	9.288	10687.520
69.796	1.005	14.788						
11/7/2016 8:30:00 PM	430200.000	131.287	20.364	299.243	14325.789	15717.462	9.288	10687.875
69.804	1.005	14.784						
11/7/2016 8:45:00 PM	431100.000	131.285	20.374	299.239	14328.210	15716.781	9.288	10687.411
69.792	1.005	14.784						
11/7/2016 9:00:00 PM	432000.000	131.283	20.363	299.233	14317.007	15708.312	9.282	10681.653
69.847	1.005	14.783						
11/7/2016 9:15:00 PM	432900.000	131.276	20.373	299.218	14325.680	15714.551	9.286	10685.895
69.805	1.005	14.779						
11/7/2016 9:30:00 PM	433800.000	131.263	20.377	299.190	14324.551	15712.020	9.285	10684.175
69.810	1.005	14.783						
11/7/2016 9:45:00 PM	434700.000	131.261	20.374	299.184	14329.396	15718.055	9.289	10688.278
69.787	1.005	14.780						
11/7/2016 10:00:00 PM	435600.000	131.249	20.377	299.157	14325.880	15713.419	9.286	10685.125
69.804	1.005	14.779						
11/7/2016 10:15:00 PM	436500.000	131.241	20.370	299.138	14326.633	15716.519	9.288	10687.233
69.800	1.005	14.784						
11/7/2016 10:30:00 PM	437400.000	131.237	20.375	299.130	14324.951	15713.036	9.285	10684.865
69.808	1.005	14.784						
11/7/2016 10:45:00 PM	438300.000	131.225	20.369	299.102	14327.351	15717.566	9.288	10687.945
69.797	1.005	14.785						
11/7/2016 11:00:00 PM	439200.000	131.225	20.363	299.102	14320.893	15712.489	9.285	10684.494
69.828	1.005	14.780						
11/7/2016 11:15:00 PM	440100.000	131.209	20.367	299.067	14319.218	15709.218	9.283	10682.270
69.836	1.005	14.786						
11/7/2016 11:30:00 PM	441000.000	131.207	20.378	299.061	14325.446	15712.602	9.285	10684.570
69.806	1.005	14.779						
11/7/2016 11:45:00 PM	441900.000	131.207	20.361	299.060	14316.283	15708.181	9.282	10681.563
69.851	1.005	14.783						
11/8/2016 12:00:00 AM	442800.000	131.214	20.370	299.076	14319.355	15708.475	9.282	10681.764
69.836	1.005	14.776						
11/8/2016 12:15:00 AM	443700.000	131.197	20.373	299.038	14319.279	15707.387	9.282	10681.023
69.836	1.005	14.776						
11/8/2016 12:30:00 AM	444600.000	131.202	20.370	299.050	14316.641	15705.469	9.281	10679.719
69.849	1.005	14.773						
11/8/2016 12:45:00 AM	445500.000	131.185	20.375	299.010	14319.273	15706.778	9.281	10680.609
69.836	1.005	14.779						
11/8/2016 1:00:00 AM	446400.000	131.184	20.372	299.008	14321.786	15710.450	9.284	10683.107
69.824	1.005	14.776						
11/8/2016 1:15:00 AM	447300.000	131.178	20.374	298.995	14321.175	15709.180	9.283	10682.242
69.827	1.005	14.777						
11/8/2016 1:30:00 AM	448200.000	131.184	20.374	299.008	14317.637	15705.387	9.281	10679.664
69.844	1.005	14.781						
11/8/2016 1:45:00 AM	449100.000	131.196	20.377	299.037	14322.818	15709.979	9.284	10682.786
69.819	1.005	14.778						
11/8/2016 2:00:00 AM	450000.000	131.180	20.373	298.999	14320.829	15709.086	9.283	10682.180
69.828	1.005	14.778						
11/8/2016 2:15:00 AM	450900.000	131.225	20.372	299.103	14319.895	15708.579	9.283	10681.834
69.833	1.005	14.777						
11/8/2016 2:30:00 AM	451800.000	131.195	20.372	299.033	14314.762	15702.745	9.279	10677.868
69.858	1.005	14.773						
11/8/2016 2:45:00 AM	452700.000	131.201	20.371	299.049	14317.808	15706.519	9.281	10680.434
69.843	1.005	14.774						
11/8/2016 3:00:00 AM	453600.000	131.203	20.371	299.052	14324.109	15713.402	9.286	10685.114
69.812	1.005	14.772						
11/8/2016 3:15:00 AM	454500.000	131.210	20.375	299.068	14323.122	15710.887	9.284	10683.404
69.817	1.005	14.775						
11/8/2016 3:30:00 AM	455400.000	131.243	20.369	299.143	14319.895	15709.413	9.283	10682.401
69.833	1.005	14.773						
11/8/2016 3:45:00 AM	456300.000	131.218	20.364	299.087	14319.218	15710.423	9.284	10683.088
69.836	1.005	14.772						
11/8/2016 4:00:00 AM	457200.000	131.224	20.375	299.101	14325.487	15713.624	9.286	10685.266
69.806	1.005	14.774						
11/8/2016 4:15:00 AM	458100.000	131.235	20.374	299.126	14330.680	15719.693	9.290	10689.393
69.780	1.005	14.772						
11/8/2016 4:30:00 AM	459000.000	131.238	20.374	299.132	14325.506	15713.787	9.286	10685.375
69.806	1.005	14.775						
11/8/2016 4:45:00 AM	459900.000	131.249	20.371	299.156	14328.500	15718.335	9.289	10688.468
69.791	1.005	14.769						
11/8/2016 5:00:00 AM	460800.000	131.252	20.360	299.163	14325.134	15717.977	9.288	10688.225
69.807	1.005	14.773						
11/8/2016 5:15:00 AM	461700.000	131.268	20.364	299.199	14322.445	15713.794	9.286	10685.380
69.820	1.005	14.775						
11/8/2016 5:30:00 AM	462600.000	131.266	20.366	299.195	14326.677	15718.001	9.289	10688.242
69.800	1.005	14.778						
11/8/2016 5:45:00 AM	463500.000	131.268	20.382	299.201	14337.309	15724.286	9.293	10692.516
69.748	1.005	14.779						
11/8/2016 6:00:00 AM	464400.000	131.275	20.373	299.217	14331.096	15720.434	9.290	10689.895
69.778	1.005	14.782						
11/8/2016 6:15:00 AM	465300.000	131.287	20.373	299.245	14332.728	15722.051	9.291	10690.995
69.770	1.005	14.778						
11/8/2016 6:30:00 AM	466200.000	131.294	20.364	299.261	14333.633	15726.238	9.294	10693.842
69.766	1.005	14.777						
11/8/2016 6:45:00 AM	467100.000	131.300	20.365	299.274	14337.489	15729.892	9.296	10696.326
69.747	1.005	14.783						
11/8/2016 7:00:00 AM	468000.000	131.305	20.378	299.284	14336.042	15724.021	9.293	10692.334
69.754	1.005	14.791						
11/8/2016 7:15:00 AM	468900.000	131.313	20.375	299.304	14336.582	15725.879	9.294	10693.598
69.752	1.005	14.788						
11/8/2016 7:30:00 AM	469800.000	131.308	20.375	299.291	14335.599	15724.771	9.293	10692.845
69.756	1.005	14.788						
11/8/2016 7:45:00 AM	470700.000	131.318	20.373	299.315	14339.800	15729.868	9.296	10696.311
69.736	1.005	14.791						
11/8/2016 8:00:00 AM	471600.000	131.316	20.372	299.309	14338.578	15728.934	9.296	10695.675
69.742	1.005	14.800						
11/8/2016 8:15:00 AM	472500.000	131.318	20.367	299.315	14333.577	15724.972	9.293	10692.980
69.766	1.005	14.800						
11/8/2016 8:30:00 AM	473400.000	131.313	20.367	299.304	14337.599	15729.410	9.296	10695.999
69.747	1.005	14.806						
11/8/2016 8:45:00 AM	474300.000	131.327	20.366	299.334	14337.015	15729.343	9.296	10695.953
69.750	1.005	14.800						
11/8/2016 9:00:00 AM	475200.000	131.322	20.368	299.324	14332.803	15723.891	9.292	10692.246
69.770	1.005	14.807						
11/8/2016 9:15:00 AM	476100.000	131.349	20.370	299.384	14335.465	15726.235	9.294	10693.840
69.757	1.005	14.807						
11/8/2016 9:30:00 AM	477000.000	131.324	20.365	299.327	14333.845	15726.041	9.294	10693.708
69.765	1.005	14.806						
11/8/2016 9:45:00 AM	477900.000	131.318	20.376	299.315	14339.386	15728.636	9.295	10695.473
69.738	1.005	14.802						
11/8/2016 10:00:00 AM	478800.000	131.318	20.367	299.314	14332.816	15724.191	9.293	10692.450
69.770	1.005	14.800						
11/8/2016 10:15:00 AM	479700.000	131.321	20.365	299.321	14333.454	15725.555	9.293	10693.378
69.767	1.005	14.800						
11/8/2016 10:30:00 AM	480600.000	131.323	20.372	299.325	14338.378	15728.684	9.295	10695.505
69.743	1.005	14.801						
11/8/2016 10:45:00 AM	481500.000	131.309	20.360	299.294	14331.360	15725.125	9.293	10693.086
69.777	1.005	14.796						
11/8/2016 11:00:00 AM	482400.000	131.314	20.361	299.305	14331.016	15724.172	9.292	10692.438
69.779	1.005	14.797						
11/8/2016 11:15:00 AM	483300.000	131.314	20.372	299.304	14336.535	15726.806	9.294	10694.229
69.752	1.005	14.790						
11/8/2016 11:30:00 AM	484200.000	131.310	20.373	299.296	14340.732	15731.005	9.297	10697.083
69.731	1.005	14.788						
11/8/2016 11:45:00 AM	485100.000	131.306	20.375	299.287	14336.880	15726.091	9.294	10693.743
69.750	1.005	14.789						
11/8/2016 12:00:00 PM	486000.000	131.307	20.372	299.290	14335.484	15725.681	9.294	10693.463
69.757	1.005	14.781						
11/8/2016 12:15:00 PM	486900.000	131.293	20.364	299.256	14334.609	15727.140	9.294	10694.455
69.761	1.005	14.784						
11/8/2016 12:30:00 PM	487800.000	131.296	20.369	299.264	14332.723	15723.342	9.292	10691.873

69.770	1.005	14.780						
11/8/2016 12:45:00 PM	488700.000	131.275	20.373	299.216	14336.972	15726.679	9.294	10694.143
69.750	1.005	14.781						
11/8/2016 1:00:00 PM	489600.000	131.283	20.378	299.234	14333.614	15721.387	9.291	10690.543
69.766	1.005	14.780						
11/8/2016 1:15:00 PM	490500.000	131.274	20.378	299.213	14335.893	15724.030	9.293	10692.342
69.755	1.005	14.773						
11/8/2016 1:30:00 PM	491400.000	131.282	20.370	299.233	14331.966	15722.223	9.291	10691.111
69.774	1.005	14.776						
11/8/2016 1:45:00 PM	492300.000	131.270	20.381	299.206	14332.578	15719.532	9.290	10689.282
69.771	1.005	14.771						
11/8/2016 2:00:00 PM	493200.000	131.269	20.368	299.203	14330.149	15721.007	9.290	10690.286
69.783	1.005	14.775						
11/8/2016 2:15:00 PM	494100.000	131.271	20.373	299.206	14333.052	15722.494	9.291	10691.297
69.769	1.005	14.769						
11/8/2016 2:30:00 PM	495000.000	131.260	20.373	299.181	14332.104	15721.366	9.291	10690.530
69.773	1.005	14.769						
11/8/2016 2:45:00 PM	495900.000	131.242	20.369	299.142	14330.188	15720.823	9.290	10690.161
69.783	1.005	14.779						
11/8/2016 3:00:00 PM	496800.000	131.250	20.371	299.160	14333.441	15723.527	9.292	10691.999
69.767	1.005	14.776						
11/8/2016 3:15:00 PM	497700.000	131.261	20.377	299.185	14330.002	15717.797	9.289	10688.102
69.784	1.005	14.766						
11/8/2016 3:30:00 PM	498600.000	131.247	20.368	299.153	14332.160	15723.358	9.292	10691.884
69.773	1.005	14.767						
11/8/2016 3:45:00 PM	499500.000	131.242	20.365	299.141	14325.422	15716.652	9.288	10687.323
69.806	1.005	14.774						
11/8/2016 4:00:00 PM	500400.000	131.241	20.372	299.138	14330.572	15720.121	9.290	10689.683
69.781	1.005	14.767						
11/8/2016 4:15:00 PM	501300.000	131.244	20.366	299.146	14328.119	15719.325	9.289	10689.143
69.793	1.005	14.768						
11/8/2016 4:30:00 PM	502200.000	131.230	20.370	299.113	14333.422	15724.049	9.292	10692.354
69.767	1.005	14.771						
11/8/2016 4:45:00 PM	503100.000	131.233	20.373	299.121	14329.086	15718.315	9.289	10688.456
69.788	1.005	14.777						
11/8/2016 5:00:00 PM	504000.000	131.238	20.370	299.133	14324.584	15714.299	9.286	10685.725
69.810	1.005	14.771						
11/8/2016 5:15:00 PM	504900.000	131.236	20.373	299.127	14324.068	15712.582	9.285	10684.556
69.813	1.005	14.772						
11/8/2016 5:30:00 PM	505800.000	131.238	20.369	299.131	14327.176	15717.313	9.288	10687.772
69.797	1.005	14.769						
11/8/2016 5:45:00 PM	506700.000	131.230	20.375	299.114	14330.921	15719.526	9.290	10689.278
69.779	1.005	14.775						
11/8/2016 6:00:00 PM	507600.000	131.235	20.367	299.125	14321.662	15712.042	9.285	10684.188
69.824	1.005	14.777						
11/8/2016 6:15:00 PM	508500.000	131.231	20.372	299.115	14329.325	15718.754	9.289	10688.753
69.787	1.005	14.772						
11/8/2016 6:30:00 PM	509400.000	131.220	20.372	299.090	14323.577	15712.330	9.285	10684.386
69.815	1.005	14.777						
11/8/2016 6:45:00 PM	510300.000	131.222	20.370	299.096	14322.534	15712.135	9.285	10684.253
69.820	1.005	14.781						
11/8/2016 7:00:00 PM	511200.000	131.249	20.365	299.157	14326.171	15717.793	9.288	10688.100
69.802	1.005	14.781						
11/8/2016 7:15:00 PM	512100.000	131.222	20.370	299.096	14324.974	15714.754	9.287	10686.033
69.808	1.005	14.781						
11/8/2016 7:30:00 PM	513000.000	131.244	20.368	299.146	14324.158	15714.352	9.286	10685.760
69.812	1.005	14.784						
11/8/2016 7:45:00 PM	513900.000	131.240	20.363	299.137	14322.365	15714.221	9.286	10685.671
69.821	1.005	14.786						
11/8/2016 8:00:00 PM	514800.000	131.217	20.369	299.083	14324.425	15714.470	9.286	10685.841
69.811	1.005	14.786						
11/8/2016 8:15:00 PM	515700.000	131.199	20.366	299.044	14320.193	15710.690	9.284	10683.271
69.831	1.005	14.789						
11/8/2016 8:30:00 PM	516600.000	131.204	20.373	299.054	14324.221	15712.835	9.285	10684.728
69.812	1.005	14.785						
11/8/2016 8:45:00 PM	517500.000	131.188	20.377	299.018	14326.551	15714.243	9.286	10685.687
69.800	1.005	14.794						
11/8/2016 9:00:00 PM	518400.000	131.185	20.367	299.010	14320.979	15711.150	9.284	10683.582
69.828	1.005	14.789						
11/8/2016 9:15:00 PM	519300.000	131.183	20.360	299.007	14317.433	15709.700	9.283	10682.597
69.845	1.005	14.785						
11/8/2016 9:30:00 PM	520200.000	131.175	20.365	298.988	14320.727	15711.819	9.285	10684.037
69.829	1.005	14.792						
11/8/2016 9:45:00 PM	521100.000	131.161	20.367	298.957	14320.450	15710.683	9.284	10683.265
69.830	1.005	14.794						
11/8/2016 10:00:00 PM	522000.000	131.163	20.370	298.961	14325.229	15714.979	9.287	10686.186
69.807	1.005	14.797						
11/8/2016 10:15:00 PM	522900.000	131.152	20.372	298.937	14326.436	15715.498	9.287	10686.540
69.801	1.005	14.796						
11/8/2016 10:30:00 PM	523800.000	131.147	20.367	298.925	14320.977	15711.202	9.284	10683.617
69.828	1.005	14.796						
11/8/2016 10:45:00 PM	524700.000	131.123	20.371	298.870	14318.865	15707.623	9.282	10681.184
69.838	1.005	14.805						
11/8/2016 11:00:00 PM	525600.000	131.131	20.362	298.888	14312.483	15703.696	9.279	10678.515
69.869	1.005	14.799						
11/8/2016 11:15:00 PM	526500.000	131.129	20.368	298.884	14322.852	15712.885	9.285	10684.762
69.818	1.005	14.795						
11/8/2016 11:30:00 PM	527400.000	131.120	20.375	298.862	14322.236	15710.144	9.284	10682.897
69.821	1.005	14.791						
11/8/2016 11:45:00 PM	528300.000	131.112	20.368	298.844	14321.155	15710.996	9.284	10683.479
69.827	1.005	14.795						
11/9/2016 12:00:00 AM	529200.000	131.105	20.363	298.830	14319.189	15710.679	9.284	10683.262
69.836	1.005	14.784						
11/9/2016 12:15:00 AM	530100.000	131.087	20.379	298.789	14325.220	15711.977	9.285	10684.145
69.807	1.005	14.786						
11/9/2016 12:30:00 AM	531000.000	131.094	20.371	298.804	14317.282	15706.058	9.281	10680.119
69.846	1.005	14.789						
11/9/2016 12:45:00 AM	531900.000	131.089	20.371	298.791	14325.447	15714.700	9.286	10685.997
69.806	1.005	14.786						
11/9/2016 1:00:00 AM	532800.000	131.089	20.371	298.793	14324.078	15713.397	9.286	10685.111
69.813	1.005	14.781						
11/9/2016 1:15:00 AM	533700.000	131.076	20.369	298.763	14324.436	15714.449	9.286	10685.825
69.811	1.005	14.782						
11/9/2016 1:30:00 AM	534600.000	131.084	20.365	298.781	14322.090	15713.087	9.285	10684.900
69.822	1.005	14.779						
11/9/2016 1:45:00 AM	535500.000	131.072	20.369	298.754	14323.848	15713.868	9.286	10685.432
69.814	1.005	14.783						
11/9/2016 2:00:00 AM	536400.000	131.085	20.369	298.784	14322.080	15711.694	9.285	10683.952
69.822	1.005	14.782						
11/9/2016 2:15:00 AM	537300.000	131.075	20.370	298.760	14322.139	15711.473	9.284	10683.803
69.822	1.005	14.783						
11/9/2016 2:30:00 AM	538200.000	131.079	20.372	298.768	14321.711	15710.571	9.284	10683.189
69.824	1.005	14.781						
11/9/2016 2:45:00 AM	539100.000	131.084	20.372	298.781	14326.183	15715.307	9.287	10686.409
69.802	1.005	14.781						
11/9/2016 3:00:00 AM	540000.000	131.079	20.380	298.770	14329.878	15716.827	9.288	10687.442
69.784	1.005	14.781						
11/9/2016 3:15:00 AM	540900.000	131.087	20.376	298.789	14329.027	15717.246	9.288	10687.728
69.788	1.005	14.774						
11/9/2016 3:30:00 AM	541800.000	131.094	20.374	298.803	14333.048	15722.347	9.291	10691.196
69.769	1.005	14.774						
11/9/2016 3:45:00 AM	542700.000	131.097	20.375	298.811	14326.086	15714.192	9.286	10685.651
69.803	1.005	14.771						
11/9/2016 4:00:00 AM	543600.000	131.095	20.378	298.805	14329.705	15717.358	9.288	10687.805
69.785	1.005	14.772						
11/9/2016 4:15:00 AM	544500.000	131.105	20.379	298.828	14338.307	15726.330	9.294	10693.905
69.743	1.005	14.770						
11/9/2016 4:30:00 AM	545400.000	131.118	20.374	298.859	14333.710	15722.987	9.292	10691.632
69.766	1.005	14.766						
11/9/2016 4:45:00 AM	546300.000	131.127	20.372	298.879	14335.424	15725.586	9.293	10693.398
69.757	1.005	14.767						
11/9/2016 5:00:00 AM	547200.000	131.129	20.364	298.883	14337.281	15730.241	9.296	10696.564
69.748	1.005	14.771						

11/9/2016 5:15:00 AM	548100.000	131.132	20.372	298.890	14337.589	15727.932	9.295	10694.994
69.747	1.005	14.776						
11/9/2016 5:30:00 AM	549000.000	131.143	20.371	298.915	14339.318	15729.974	9.296	10696.383
69.738	1.005	14.764						
11/9/2016 5:45:00 AM	549900.000	131.153	20.376	298.937	14342.240	15731.479	9.297	10697.407
69.724	1.005	14.772						
11/9/2016 6:00:00 AM	550800.000	131.158	20.375	298.949	14344.905	15734.894	9.299	10699.728
69.711	1.005	14.764						
11/9/2016 6:15:00 AM	551700.000	131.165	20.377	298.966	14348.456	15738.182	9.302	10701.965
69.694	1.005	14.772						
11/9/2016 6:30:00 AM	552600.000	131.177	20.374	298.993	14342.520	15732.736	9.298	10698.262
69.723	1.005	14.771						
11/9/2016 6:45:00 AM	553500.000	131.177	20.373	298.993	14341.956	15732.378	9.298	10698.019
69.725	1.005	14.775						
11/9/2016 7:00:00 AM	554400.000	131.185	20.375	299.012	14343.299	15733.104	9.298	10698.511
69.719	1.005	14.770						
11/9/2016 7:15:00 AM	555300.000	131.180	20.371	299.000	14346.468	15737.988	9.301	10701.833
69.704	1.005	14.781						
11/9/2016 7:30:00 AM	556200.000	131.200	20.371	299.046	14348.665	15740.169	9.303	10703.315
69.693	1.005	14.775						
11/9/2016 7:45:00 AM	557100.000	131.190	20.372	299.022	14350.732	15742.236	9.304	10704.722
69.683	1.005	14.781						
11/9/2016 8:00:00 AM	558000.000	131.220	20.366	299.091	14346.385	15739.538	9.302	10702.887
69.704	1.005	14.776						
11/9/2016 8:15:00 AM	558900.000	131.199	20.369	299.043	14345.114	15736.964	9.301	10701.137
69.710	1.005	14.781						
11/9/2016 8:30:00 AM	559800.000	131.211	20.380	299.070	14349.403	15738.272	9.302	10702.026
69.689	1.005	14.784						
11/9/2016 8:45:00 AM	560700.000	131.219	20.376	299.089	14347.159	15737.077	9.301	10701.214
69.700	1.005	14.777						
11/9/2016 9:00:00 AM	561600.000	131.220	20.372	299.091	14349.373	15740.858	9.303	10703.785
69.689	1.005	14.769						
11/9/2016 9:15:00 AM	562500.000	131.217	20.369	299.083	14345.243	15737.395	9.301	10701.430
69.710	1.005	14.773						
11/9/2016 9:30:00 AM	563400.000	131.219	20.369	299.088	14346.859	15739.167	9.302	10702.634
69.702	1.005	14.772						
11/9/2016 9:45:00 AM	564300.000	131.219	20.372	299.088	14346.958	15738.126	9.301	10701.926
69.701	1.005	14.770						
11/9/2016 10:00:00 AM	565200.000	131.221	20.371	299.094	14350.691	15742.680	9.304	10705.022
69.683	1.005	14.765						
11/9/2016 10:15:00 AM	566100.000	131.223	20.372	299.097	14350.233	15741.860	9.304	10704.465
69.685	1.005	14.766						
11/9/2016 10:30:00 AM	567000.000	131.227	20.369	299.107	14354.289	15747.173	9.307	10708.078
69.666	1.005	14.767						
11/9/2016 10:45:00 AM	567900.000	131.213	20.364	299.074	14351.776	15746.060	9.307	10707.321
69.678	1.005	14.768						
11/9/2016 11:00:00 AM	568800.000	131.205	20.364	299.056	14350.891	15744.973	9.306	10706.581
69.682	1.005	14.760						
11/9/2016 11:15:00 AM	569700.000	131.205	20.369	299.056	14347.623	15739.978	9.303	10703.186
69.698	1.005	14.753						
11/9/2016 11:30:00 AM	570600.000	131.200	20.373	299.045	14350.704	15741.830	9.304	10704.445
69.683	1.005	14.754						
11/9/2016 11:45:00 AM	571500.000	131.193	20.368	299.030	14345.692	15738.146	9.301	10701.939
69.707	1.005	14.754						
11/9/2016 12:00:00 PM	572400.000	131.186	20.370	299.014	14350.697	15742.890	9.305	10705.166
69.683	1.005	14.748						
11/9/2016 12:15:00 PM	573300.000	131.182	20.374	299.004	14346.228	15736.603	9.301	10700.891
69.705	1.005	14.738						
11/9/2016 12:30:00 PM	574200.000	131.184	20.372	299.009	14349.374	15740.890	9.303	10703.805
69.689	1.005	14.734						
11/9/2016 12:45:00 PM	575100.000	131.177	20.366	298.993	14348.157	15741.425	9.304	10704.169
69.695	1.005	14.740						
11/9/2016 1:00:00 PM	576000.000	131.170	20.367	298.976	14347.393	15740.299	9.303	10703.403
69.699	1.005	14.741						
11/9/2016 1:15:00 PM	576900.000	131.160	20.370	298.954	14349.500	15741.717	9.304	10704.367
69.689	1.005	14.738						
11/9/2016 1:30:00 PM	577800.000	131.156	20.369	298.944	14346.766	15739.010	9.302	10702.527
69.702	1.005	14.737						
11/9/2016 1:45:00 PM	578700.000	131.148	20.370	298.926	14346.660	15738.544	9.302	10702.210
69.703	1.005	14.738						
11/9/2016 2:00:00 PM	579600.000	131.146	20.372	298.923	14348.094	15739.342	9.302	10702.753
69.696	1.005	14.729						
11/9/2016 2:15:00 PM	580500.000	131.135	20.373	298.898	14345.728	15736.312	9.300	10700.693
69.707	1.005	14.730						
11/9/2016 2:30:00 PM	581400.000	131.131	20.373	298.888	14349.098	15740.008	9.303	10703.206
69.691	1.005	14.734						
11/9/2016 2:45:00 PM	582300.000	131.160	20.367	298.954	14350.406	15743.577	9.305	10705.633
69.684	1.005	14.734						
11/9/2016 3:00:00 PM	583200.000	131.123	20.369	298.871	14351.714	15744.348	9.305	10706.156
69.678	1.005	14.734						
11/9/2016 3:15:00 PM	584100.000	131.118	20.366	298.859	14344.847	15737.707	9.301	10701.641
69.711	1.005	14.737						
11/9/2016 3:30:00 PM	585000.000	131.116	20.371	298.853	14346.113	15737.428	9.301	10701.451
69.705	1.005	14.729						
11/9/2016 3:45:00 PM	585900.000	131.116	20.372	298.854	14348.933	15740.375	9.303	10703.456
69.692	1.005	14.731						
11/9/2016 4:00:00 PM	586800.000	131.115	20.375	298.852	14344.125	15733.925	9.299	10699.070
69.715	1.005	14.734						
11/9/2016 4:15:00 PM	587700.000	131.144	20.377	298.917	14346.760	15736.321	9.300	10700.699
69.702	1.005	14.728						
11/9/2016 4:30:00 PM	588600.000	131.111	20.372	298.843	14345.460	15736.367	9.300	10700.730
69.708	1.005	14.728						
11/9/2016 4:45:00 PM	589500.000	131.111	20.375	298.843	14350.555	15741.005	9.303	10703.884
69.684	1.005	14.721						
11/9/2016 5:00:00 PM	590400.000	131.111	20.380	298.843	14349.312	15738.142	9.302	10701.937
69.690	1.005	14.731						
11/9/2016 5:15:00 PM	591300.000	131.114	20.371	298.849	14344.683	15736.060	9.300	10700.521
69.712	1.005	14.729						
11/9/2016 5:30:00 PM	592200.000	131.109	20.370	298.837	14345.954	15737.770	9.301	10701.684
69.706	1.005	14.735						
11/9/2016 5:45:00 PM	593100.000	131.123	20.366	298.870	14349.402	15742.705	9.304	10705.041
69.689	1.005	14.728						
11/9/2016 6:00:00 PM	594000.000	131.108	20.375	298.835	14348.803	15739.198	9.302	10702.656
69.692	1.005	14.738						
11/9/2016 6:15:00 PM	594900.000	131.124	20.372	298.873	14349.190	15740.512	9.303	10703.549
69.690	1.005	14.731						
11/9/2016 6:30:00 PM	595800.000	131.108	20.374	298.835	14346.829	15737.436	9.301	10701.457
69.702	1.005	14.739						
11/9/2016 6:45:00 PM	596700.000	131.119	20.374	298.860	14345.165	15735.553	9.300	10700.176
69.710	1.005	14.732						
11/9/2016 7:00:00 PM	597600.000	131.154	20.370	298.940	14347.062	15738.984	9.302	10702.510
69.701	1.005	14.736						
11/9/2016 7:15:00 PM	598500.000	131.111	20.365	298.842	14348.494	15742.022	9.304	10704.575
69.694	1.005	14.736						
11/9/2016 7:30:00 PM	599400.000	131.121	20.370	298.866	14351.680	15743.880	9.305	10705.839
69.678	1.005	14.733						
11/9/2016 7:45:00 PM	600300.000	131.110	20.369	298.841	14350.759	15743.128	9.305	10705.328
69.683	1.005	14.737						
11/9/2016 8:00:00 PM	601200.000	131.112	20.365	298.844	14351.702	15745.633	9.306	10707.031
69.678	1.005	14.737						
11/9/2016 8:15:00 PM	602100.000	131.110	20.369	298.839	14355.163	15748.078	9.308	10708.693
69.661	1.005	14.740						
11/9/2016 8:30:00 PM	603000.000	131.120	20.366	298.864	14354.485	15748.511	9.308	10708.988
69.665	1.005	14.736						
11/9/2016 8:45:00 PM	603900.000	131.104	20.371	298.827	14354.864	15747.114	9.307	10708.038
69.663	1.005	14.741						
11/9/2016 9:00:00 PM	604800.000	131.113	20.366	298.848	14352.800	15746.576	9.307	10707.672
69.673	1.005	14.743						
11/9/2016 9:15:00 PM	605700.000	131.097	20.370	298.811	14357.011	15749.844	9.309	10709.895
69.652	1.005	14.745						
11/9/2016 9:30:00 PM	606600.000	131.100	20.373	298.816	14356.803	15748.460	9.308	10708.954
69.653	1.005	14.744						
11/9/2016 9:45:00 PM	607500.000	131.099	20.371	298.815	14354.410	15746.588	9.307	10707.680

69.665	1.005	14.740						
11/9/2016 10:00:00 PM	608400.000	131.092	20.372	298.800	14361.542	15754.180	9.312	10712.843
69.630	1.005	14.743						
11/9/2016 10:15:00 PM	609300.000	131.083	20.371	298.779	14360.992	15753.951	9.312	10712.688
69.633	1.005	14.746						
11/9/2016 10:30:00 PM	610200.000	131.081	20.365	298.774	14357.602	15752.276	9.310	10711.549
69.650	1.005	14.742						
11/9/2016 10:45:00 PM	611100.000	131.074	20.377	298.758	14358.657	15749.343	9.309	10709.554
69.644	1.005	14.740						
11/9/2016 11:00:00 PM	612000.000	131.072	20.368	298.754	14357.245	15750.589	9.309	10710.400
69.651	1.005	14.742						
11/9/2016 11:15:00 PM	612900.000	131.066	20.374	298.739	14356.795	15748.253	9.308	10708.813
69.653	1.005	14.738						
11/9/2016 11:30:00 PM	613800.000	131.063	20.368	298.733	14359.116	15752.843	9.311	10711.935
69.642	1.005	14.739						
11/9/2016 11:45:00 PM	614700.000	131.042	20.377	298.684	14359.944	15750.700	9.310	10710.477
69.638	1.005	14.741						

Report Date: 11/14/2016 8:31:24 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-8M_2016-11-11_08-28-04-979.wsl
Create Date: 11/11/2016 8:26:48 AM

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

Log Data:
Record Count: 813
Sensors: 1
1 - 410756: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time (Seconds)	Pressure (PSI) Sensor: PCTD(G) 231ft SN#: 410756	Temperature (C) Sensor: PCTD(G) 231ft SN#: 410756	Depth (ft) Sensor: PCTD(G) 231ft SN#: 410756	Actual Conductivity (µS/cm) Sensor: PCTD(G) 231ft SN#: 410756	Specific Conductivity (µS/cm) Sensor: PCTD(G) 231ft SN#: 410756	Salinity (PSU) Sensor: PCTD(G) 231ft SN#: 410756	Total Dissolved Solids (ppt) Sensor: PCTD(G) 231ft SN#: 410756	Resistivity (ohm-cm) Sensor: PCTD(G) 231ft SN#: 410756	Water Density (g/cm3) Sensor: PCTD(G) 231ft SN#: 410756
11/3/2016 12:00:00 AM	7200.000	70.329	17.394	158.422	40717.406	47638.445	31.206	32.394	24.560	1.023
11/3/2016 12:15:00 AM	8100.000	70.329	17.397	158.424	40712.613	47629.582	31.199	32.388	24.562	1.023
11/3/2016 12:30:00 AM	9000.000	70.336	17.392	158.438	40694.750	47613.609	31.187	32.377	24.573	1.023
11/3/2016 12:45:00 AM	9900.000	70.354	17.391	158.480	40715.637	47638.789	31.206	32.394	24.561	1.023
11/3/2016 1:00:00 AM	10800.000	70.346	17.393	158.460	40705.762	47625.012				

31.196	32.385	24.567	
1.023			
11/3/2016 1:15:00 AM	11700.000	70.346	17.391
158.460	40693.719	47613.516	
31.187	32.377	24.574	
1.023			
11/3/2016 1:30:00 AM	12600.000	70.374	17.391
158.524	40708.977	47630.809	
31.200	32.389	24.565	
1.023			
11/3/2016 1:45:00 AM	13500.000	70.363	17.388
158.499	40729.207	47658.656	
31.220	32.408	24.552	
1.023			
11/3/2016 2:00:00 AM	14400.000	70.366	17.389
158.507	40744.805	47675.793	
31.233	32.420	24.543	
1.023			
11/3/2016 2:15:00 AM	15300.000	70.369	17.392
158.512	40687.938	47605.270	
31.181	32.372	24.577	
1.022			
11/3/2016 2:30:00 AM	16200.000	70.376	17.388
158.528	40713.352	47639.176	
31.206	32.395	24.562	
1.023			
11/3/2016 2:45:00 AM	17100.000	70.389	17.389
158.559	40699.801	47623.234	
31.194	32.384	24.570	
1.023			
11/3/2016 3:00:00 AM	18000.000	70.380	17.389
158.537	40727.613	47655.133	
31.218	32.405	24.553	
1.023			
11/3/2016 3:15:00 AM	18900.000	70.388	17.389
158.557	40687.648	47607.992	
31.183	32.373	24.577	
1.022			
11/3/2016 3:30:00 AM	19800.000	70.389	17.387
158.557	40712.203	47639.051	
31.206	32.395	24.563	
1.023			
11/3/2016 3:45:00 AM	20700.000	70.390	17.393
158.560	40712.023	47632.238	
31.201	32.390	24.563	
1.023			
11/3/2016 4:00:00 AM	21600.000	70.393	17.392
158.567	40717.523	47640.633	
31.207	32.396	24.559	
1.023			
11/3/2016 4:15:00 AM	22500.000	70.393	17.390
158.567	40671.039	47588.277	
31.169	32.360	24.588	
1.022			
11/3/2016 4:30:00 AM	23400.000	70.402	17.394
158.587	40705.152	47623.734	
31.195	32.384	24.567	

1.023
11/3/2016 4:45:00 AM 24300.000 70.402 17.396
158.586 40715.172 47632.852
31.202 32.390 24.561
1.023
11/3/2016 5:00:00 AM 25200.000 70.417 17.393
158.622 40717.359 47638.484
31.206 32.394 24.560
1.023
11/3/2016 5:15:00 AM 26100.000 70.396 17.396
158.574 40730.492 47650.875
31.215 32.403 24.552
1.023
11/3/2016 5:30:00 AM 27000.000 70.406 17.395
158.596 40717.672 47636.883
31.205 32.393 24.559
1.023
11/3/2016 5:45:00 AM 27900.000 70.402 17.391
158.587 40710.379 47633.387
31.202 32.391 24.564
1.023
11/3/2016 6:00:00 AM 28800.000 70.409 17.393
158.603 40728.371 47651.461
31.215 32.403 24.553
1.023
11/3/2016 6:15:00 AM 29700.000 70.397 17.395
158.577 40714.902 47633.746
31.202 32.391 24.561
1.023
11/3/2016 6:30:00 AM 30600.000 70.409 17.393
158.603 40738.293 47663.340
31.224 32.411 24.547
1.023
11/3/2016 6:45:00 AM 31500.000 70.402 17.396
158.587 40721.324 47640.617
31.207 32.396 24.557
1.023
11/3/2016 7:00:00 AM 32400.000 70.397 17.389
158.577 40688.094 47608.699
31.184 32.374 24.577
1.022
11/3/2016 7:15:00 AM 33300.000 70.409 17.392
158.603 40748.992 47677.352
31.234 32.421 24.540
1.023
11/3/2016 7:30:00 AM 34200.000 70.413 17.389
158.612 40737.637 47667.234
31.226 32.414 24.547
1.023
11/3/2016 7:45:00 AM 35100.000 70.407 17.393
158.599 40735.434 47660.555
31.222 32.409 24.549
1.023
11/3/2016 8:00:00 AM 36000.000 70.403 17.398
158.589 40729.555 47648.477
31.213 32.401 24.552
1.023

11/3/2016 8:15:00 AM 36900.000 70.409 17.396
158.603 40720.387 47639.328
31.206 32.395 24.558
1.023
11/3/2016 8:30:00 AM 37800.000 70.412 17.390
158.609 40697.398 47619.023
31.191 32.381 24.572
1.023
11/3/2016 8:45:00 AM 38700.000 70.412 17.391
158.610 40726.012 47651.113
31.215 32.403 24.554
1.023
11/3/2016 9:00:00 AM 39600.000 70.410 17.393
158.606 40739.820 47665.313
31.225 32.412 24.546
1.023
11/3/2016 9:15:00 AM 40500.000 70.413 17.391
158.613 40722.004 47646.516
31.211 32.400 24.557
1.023
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17.389 158.553 40688.691
47609.590 31.184 32.375

24.577 1.022
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17.392 158.560 40685.434
47602.984 31.180 32.370
24.579 1.022
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17.394 158.557 40689.988
47605.809 31.182 32.372
24.576 1.022
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24.560 1.023
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17.389 158.612 40696.594
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24.572 1.023
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24.553 1.023

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24.578 1.022
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24.577 1.022
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24.554 1.023
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11/5/2016 7:00:00 AM 205200.000 70.489
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24.579 1.022
11/5/2016 7:15:00 AM 206100.000 70.510
17.391 158.830 40680.480
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24.582 1.022
11/5/2016 7:30:00 AM 207000.000 70.498
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24.572 1.022
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24.586 1.022
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24.578 1.022
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24.567 1.023
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24.595 1.022
11/5/2016 9:30:00 AM 214200.000 70.497
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24.572 1.023
11/5/2016 9:45:00 AM 215100.000 70.490
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24.542 1.023
11/5/2016 10:00:00 AM 216000.000 70.497
17.392 158.801 40700.289

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24.570 1.023
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24.578 1.022
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11/5/2016 10:45:00 AM 218700.000 70.503
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24.570 1.023
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11/5/2016 11:15:00 AM 220500.000 70.503
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24.585 1.022
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11/5/2016 12:15:00 PM 224100.000 70.514
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24.573 1.023
11/5/2016 12:30:00 PM 225000.000 70.528
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47634.352 31.203 32.391
24.558 1.023
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24.562 1.023
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24.559 1.023
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24.588 1.022
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24.580 1.022
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24.564 1.023
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24.570 1.023
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24.558 1.023
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17.396 158.951 40714.297
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24.561 1.023
11/5/2016 3:30:00 PM 235800.000 70.562
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24.561 1.023
11/5/2016 3:45:00 PM 236700.000 70.568
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24.575 1.022
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24.580 1.022
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24.570 1.023
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24.573 1.023
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24.580 1.022
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24.555 1.023
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24.538 1.023
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24.549 1.023
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24.570 1.023
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24.563 1.023
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24.578 1.022
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47635.035 31.203 32.392
24.562 1.023
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24.546 1.023
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24.556 1.023
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24.563 1.023
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24.575 1.022
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24.556 1.023
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24.556 1.023
11/6/2016 5:15:00 AM 288900.000 70.493
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24.557 1.023
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24.556 1.023
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47607.918 31.183 32.373
24.575 1.022

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24.564 1.023
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24.551 1.023
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24.561 1.023
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24.563 1.023
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24.556 1.023
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24.565 1.023
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24.549 1.023
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24.554 1.023
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24.573 1.022
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24.532 1.023
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24.566 1.023
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24.581 1.022
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17.395 158.944 40727.117
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24.543 1.023
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24.513 1.023
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47709.754 31.258 32.443
24.522 1.023
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17.387 158.677 40805.742
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24.506 1.023
11/8/2016 4:00:00 AM 457200.000 70.440
17.395 158.674 40804.750
47739.508 31.279 32.463
24.507 1.023
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24.506 1.023
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17.388 158.759 40816.414
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11/8/2016 5:15:00 AM	461700.000	70.473
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17.392	158.758	40829.035
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24.492	1.023	
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24.497	1.023	
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47752.180	31.289	32.471
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24.485 1.023
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24.495 1.023

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47863.824 31.370 32.547
24.445 1.023
11/9/2016 4:45:00 PM 589500.000 70.580
17.399 158.989 40826.301
47760.348 31.295 32.477
24.494 1.023
11/9/2016 5:00:00 PM 590400.000 70.566
17.394 158.957 40847.727
47790.918 31.317 32.498
24.481 1.023
11/9/2016 5:15:00 PM 591300.000 70.566
17.401 158.956 40895.523
47839.363 31.353 32.531
24.453 1.023
11/9/2016 5:30:00 PM 592200.000 70.574
17.393 158.974 40855.348
47800.293 31.324 32.504
24.477 1.023
11/9/2016 5:45:00 PM 593100.000 70.573
17.396 158.972 40856.934
47799.074 31.323 32.503
24.476 1.023
11/9/2016 6:00:00 PM 594000.000 70.601
17.396 159.036 40852.164
47793.879 31.319 32.500
24.479 1.023
11/9/2016 6:15:00 PM 594900.000 70.584
17.392 158.997 40876.344
47826.078 31.343 32.522
24.464 1.023
11/9/2016 6:30:00 PM 595800.000 70.586
17.392 159.001 40890.172
47842.070 31.354 32.533
24.456 1.023
11/9/2016 6:45:00 PM 596700.000 70.585
17.395 159.000 40875.316
47821.797 31.340 32.519
24.465 1.023
11/9/2016 7:00:00 PM 597600.000 70.591
17.393 159.014 40856.289
47801.027 31.324 32.505
24.476 1.023
11/9/2016 7:15:00 PM 598500.000 70.607
17.392 159.048 40874.367
47823.766 31.341 32.520
24.465 1.023
11/9/2016 7:30:00 PM 599400.000 70.611
17.395 159.058 40879.992
47827.160 31.344 32.522
24.462 1.023
11/9/2016 7:45:00 PM 600300.000 70.596
17.395 159.024 40869.844
47815.578 31.335 32.515
24.468 1.023

11/9/2016 8:00:00 PM 601200.000 70.591
17.390 159.012 40900.602
47856.223 31.365 32.542
24.450 1.023
11/9/2016 8:15:00 PM 602100.000 70.592
17.395 159.016 40855.621
47798.379 31.323 32.503
24.476 1.023
11/9/2016 8:30:00 PM 603000.000 70.610
17.397 159.055 40895.586
47843.453 31.356 32.534
24.453 1.023
11/9/2016 8:45:00 PM 603900.000 70.600
17.398 159.034 40895.160
47841.840 31.354 32.532
24.453 1.023
11/9/2016 9:00:00 PM 604800.000 70.600
17.395 159.033 40872.461
47817.973 31.337 32.516
24.466 1.023
11/9/2016 9:15:00 PM 605700.000 70.580
17.395 158.989 40826.586
47764.676 31.298 32.480
24.494 1.023
11/9/2016 9:30:00 PM 606600.000 70.577
17.396 158.982 40908.547
47859.844 31.367 32.545
24.445 1.023
11/9/2016 9:45:00 PM 607500.000 70.566
17.393 158.958 40856.434
47801.195 31.324 32.505
24.476 1.023
11/9/2016 10:00:00 PM 608400.000 70.565
17.394 158.955 40859.770
47804.535 31.327 32.507
24.474 1.023
11/9/2016 10:15:00 PM 609300.000 70.578
17.395 158.983 40875.207
47821.105 31.339 32.518
24.465 1.023
11/9/2016 10:30:00 PM 610200.000 70.552
17.390 158.926 40885.512
47839.129 31.352 32.531
24.459 1.023
11/9/2016 10:45:00 PM 611100.000 70.546
17.393 158.911 40879.887
47829.375 31.345 32.524
24.462 1.023
11/9/2016 11:00:00 PM 612000.000 70.544
17.396 158.907 40880.984
47827.598 31.344 32.523
24.461 1.023
11/9/2016 11:15:00 PM 612900.000 70.557
17.392 158.937 40901.477
47855.484 31.364 32.542
24.449 1.023
11/9/2016 11:30:00 PM 613800.000 70.536

17.395	158.890	40932.570
47888.672	31.388	32.564
24.430	1.023	
11/9/2016 11:45:00 PM	614700.000	70.540
17.391	158.898	40885.898
47838.094	31.351	32.530
24.458	1.023	

Report Date: 11/14/2016 8:31:29 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-8S LT Test_2016-11-11_08-30-39-737-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-8S LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/15/2016 9:06:50 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 9:15:00 AM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/15/2016 9:07:00 AM	Used Battery: 2% Used Memory: 6% User Name: KMakar
1/21/2016 9:00:38 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:25:14 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:20:54 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 10:08:06 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:00:00 AM
2/18/2016 11:29:03 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 10:53:00 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:57:16 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:40:43 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:40:31 PM	Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM
3/24/2016 9:01:47 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 3:14:11 PM	Log Download - Used Battery: 6% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:43:13 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:45:00 AM
4/14/2016 3:18:15 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:15:00 PM
4/21/2016 1:31:37 PM	Log Download - Used Battery: 7% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:30:00 PM
4/28/2016 8:25:33 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:32:04 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:18:00 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:15:00 AM
5/19/2016 2:12:10 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM
5/26/2016 9:07:12 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:43:41 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:30:00 PM
6/9/2016 9:35:52 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:18:31 AM	Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:15:00 AM
6/23/2016 10:12:15 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 11:51:48 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/1/2016 11:53:22 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:56:57 AM	Log Download - Used Battery: 11% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 6:00:29 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
7/21/2016 11:13:50 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 11:00:00 AM
7/28/2016 6:19:29 PM	Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 3:01:39 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:45:00 PM
8/11/2016 10:51:12 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
8/18/2016 3:48:15 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:45:00 PM
8/25/2016 12:33:04 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:30:00 PM
9/1/2016 4:11:14 PM	Log Download - Used Battery: 14% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:00:00 PM
9/8/2016 6:27:01 PM	Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM
9/15/2016 3:20:59 PM	Log Download - Used Battery: 14% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:15:00 PM
9/22/2016 12:49:18 PM	Log Download - Used Battery: 15% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:45:00 PM
10/1/2016 11:37:02 AM	Log Download - Used Battery: 15% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:30:00 PM
10/6/2016 12:03:26 PM	Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM
10/13/2016 4:33:05 PM	Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:15:00 PM
10/20/2016 4:56:04 PM	Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/20/2016 5:30:23 PM	Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:30:00 PM
10/27/2016 12:47:34 PM	Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:45:00 PM
11/3/2016 3:56:48 PM	Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM
11/11/2016 8:29:39 AM	Log Download - Used Battery: 17% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:15:00 AM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 813
Sensors: 2
1 - 428966: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
11/3/2016 12:00:00 AM	7200.000	19.198	16.222	43.758	667.677	802.160	0.396	545.469	1497.730	0.999	14.798
11/3/2016 12:15:00 AM	8100.000	19.198	16.222	43.759	667.818	802.331	0.396	545.585	1497.414	0.999	14.795
11/3/2016 12:30:00 AM	9000.000	19.197	16.222	43.757	667.755	802.265	0.396	545.541			

1497.555	0.999	14.792						
11/3/2016 12:45:00 AM	9900.000	19.197	16.222	43.756	667.794	802.313	0.396	545.573
1497.468	0.999	14.796						
11/3/2016 1:00:00 AM	10800.000	19.201	16.222	43.766	667.825	802.351	0.396	545.598
1497.399	0.999	14.791						
11/3/2016 1:15:00 AM	11700.000	19.195	16.222	43.752	667.794	802.314	0.396	545.573
1497.468	0.999	14.798						
11/3/2016 1:30:00 AM	12600.000	19.202	16.222	43.767	667.796	802.313	0.396	545.573
1497.463	0.999	14.794						
11/3/2016 1:45:00 AM	13500.000	19.201	16.222	43.766	667.659	802.148	0.396	545.461
1497.770	0.999	14.796						
11/3/2016 2:00:00 AM	14400.000	19.198	16.222	43.758	667.993	802.548	0.396	545.733
1497.022	0.999	14.799						
11/3/2016 2:15:00 AM	15300.000	19.194	16.222	43.748	667.929	802.474	0.396	545.683
1497.165	0.999	14.802						
11/3/2016 2:30:00 AM	16200.000	19.190	16.222	43.740	667.858	802.393	0.396	545.628
1497.325	0.999	14.807						
11/3/2016 2:45:00 AM	17100.000	19.195	16.222	43.752	667.846	802.372	0.396	545.613
1497.352	0.999	14.802						
11/3/2016 3:00:00 AM	18000.000	19.200	16.222	43.763	667.839	802.369	0.396	545.611
1497.367	0.999	14.798						
11/3/2016 3:15:00 AM	18900.000	19.192	16.221	43.744	667.732	802.253	0.396	545.532
1497.607	0.999	14.802						
11/3/2016 3:30:00 AM	19800.000	19.195	16.221	43.751	668.010	802.581	0.396	545.755
1496.984	0.999	14.803						
11/3/2016 3:45:00 AM	20700.000	19.199	16.221	43.760	667.869	802.417	0.396	545.643
1497.299	0.999	14.800						
11/3/2016 4:00:00 AM	21600.000	19.197	16.221	43.755	667.890	802.443	0.396	545.662
1497.253	0.999	14.799						
11/3/2016 4:15:00 AM	22500.000	19.198	16.221	43.759	667.902	802.453	0.396	545.668
1497.227	0.999	14.797						
11/3/2016 4:30:00 AM	23400.000	19.200	16.221	43.763	667.877	802.424	0.396	545.648
1497.282	0.999	14.795						
11/3/2016 4:45:00 AM	24300.000	19.199	16.221	43.759	667.887	802.437	0.396	545.657
1497.259	0.999	14.801						
11/3/2016 5:00:00 AM	25200.000	19.204	16.221	43.771	667.971	802.533	0.396	545.722
1497.071	0.999	14.797						
11/3/2016 5:15:00 AM	26100.000	19.196	16.221	43.754	667.945	802.503	0.396	545.702
1497.130	0.999	14.802						
11/3/2016 5:30:00 AM	27000.000	19.201	16.221	43.765	667.880	802.433	0.396	545.655
1497.274	0.999	14.799						
11/3/2016 5:45:00 AM	27900.000	19.202	16.220	43.767	667.887	802.451	0.396	545.667
1497.259	0.999	14.794						
11/3/2016 6:00:00 AM	28800.000	19.196	16.221	43.753	668.112	802.711	0.396	545.843
1496.754	0.999	14.806						
11/3/2016 6:15:00 AM	29700.000	19.198	16.221	43.759	667.905	802.460	0.396	545.673
1497.219	0.999	14.803						
11/3/2016 6:30:00 AM	30600.000	19.200	16.221	43.763	668.066	802.656	0.396	545.806
1496.859	0.999	14.799						
11/3/2016 6:45:00 AM	31500.000	19.196	16.220	43.753	667.936	802.514	0.396	545.709
1497.149	0.999	14.804						
11/3/2016 7:00:00 AM	32400.000	19.205	16.221	43.773	668.008	802.589	0.396	545.760
1496.987	0.999	14.797						
11/3/2016 7:15:00 AM	33300.000	19.205	16.220	43.775	667.995	802.582	0.396	545.756
1497.018	0.999	14.792						
11/3/2016 7:30:00 AM	34200.000	19.201	16.221	43.765	668.037	802.627	0.396	545.786
1496.923	0.999	14.799						
11/3/2016 7:45:00 AM	35100.000	19.201	16.220	43.765	668.060	802.665	0.396	545.812
1496.872	0.999	14.800						
11/3/2016 8:00:00 AM	36000.000	19.201	16.220	43.766	668.011	802.605	0.396	545.772
1496.981	0.999	14.796						
11/3/2016 8:15:00 AM	36900.000	19.192	16.219	43.745	668.052	802.665	0.396	545.813
1496.889	0.999	14.804						
11/3/2016 8:30:00 AM	37800.000	19.197	16.219	43.755	668.027	802.640	0.396	545.795
1496.946	0.999	14.807						
11/3/2016 8:45:00 AM	38700.000	19.200	16.219	43.762	668.081	802.705	0.396	545.840
1496.824	0.999	14.804						
11/3/2016 9:00:00 AM	39600.000	19.205	16.219	43.775	668.085	802.708	0.396	545.841
1496.816	0.999	14.806						
11/3/2016 9:15:00 AM	40500.000	19.194	16.220	43.750	668.118	802.743	0.396	545.865
1496.741	0.999	14.810						
11/3/2016 9:30:00 AM	41400.000	19.201	16.219	43.766	668.087	802.725	0.396	545.853
1496.811	0.999	14.809						
11/3/2016 9:45:00 AM	42300.000	19.204	16.218	43.771	668.195	802.857	0.396	545.943
1496.569	0.999	14.807						
11/3/2016 10:00:00 AM	43200.000	19.199	16.219	43.761	668.110	802.750	0.396	545.870
1496.759	0.999	14.804						
11/3/2016 10:15:00 AM	44100.000	19.205	16.218	43.775	668.217	802.883	0.396	545.960
1496.521	0.999	14.799						
11/3/2016 10:30:00 AM	45000.000	19.201	16.218	43.765	668.282	802.976	0.397	546.024
1496.374	0.999	14.803						
11/3/2016 10:45:00 AM	45900.000	19.204	16.218	43.772	668.157	802.822	0.396	545.919
1496.654	0.999	14.800						
11/3/2016 11:00:00 AM	46800.000	19.209	16.218	43.784	668.186	802.857	0.396	545.943
1496.589	0.999	14.798						
11/3/2016 11:15:00 AM	47700.000	19.201	16.217	43.764	668.155	802.830	0.396	545.925
1496.658	0.999	14.799						
11/3/2016 11:30:00 AM	48600.000	19.202	16.217	43.766	668.281	802.982	0.397	546.028
1496.377	0.999	14.798						
11/3/2016 11:45:00 AM	49500.000	19.207	16.217	43.779	668.212	802.903	0.396	545.974
1496.532	0.999	14.789						
11/3/2016 12:00:00 PM	50400.000	19.206	16.216	43.776	668.160	802.850	0.396	545.938
1496.647	0.999	14.790						
11/3/2016 12:15:00 PM	51300.000	19.202	16.217	43.767	668.197	802.891	0.396	545.966
1496.566	0.999	14.792						
11/3/2016 12:30:00 PM	52200.000	19.205	16.216	43.775	668.368	803.100	0.397	546.108
1496.182	0.999	14.784						
11/3/2016 12:45:00 PM	53100.000	19.202	16.217	43.768	668.238	802.940	0.396	546.000
1496.474	0.999	14.786						
11/3/2016 1:00:00 PM	54000.000	19.204	16.217	43.772	668.224	802.919	0.396	545.985
1496.504	0.999	14.784						
11/3/2016 1:15:00 PM	54900.000	19.209	16.216	43.784	668.293	803.011	0.397	546.047
1496.349	0.999	14.775						
11/3/2016 1:30:00 PM	55800.000	19.205	16.217	43.775	668.292	803.006	0.397	546.044
1496.351	0.999	14.775						
11/3/2016 1:45:00 PM	56700.000	19.203	16.216	43.769	668.249	802.960	0.397	546.013
1496.449	0.999	14.772						
11/3/2016 2:00:00 PM	57600.000	19.208	16.216	43.781	668.427	803.180	0.397	546.162
1496.049	0.999	14.764						
11/3/2016 2:15:00 PM	58500.000	19.209	16.217	43.783	668.272	802.983	0.397	546.029
1496.396	0.999	14.761						
11/3/2016 2:30:00 PM	59400.000	19.207	16.216	43.779	668.345	803.079	0.397	546.094
1496.233	0.999	14.759						
11/3/2016 2:45:00 PM	60300.000	19.206	16.217	43.775	668.332	803.055	0.397	546.078
1496.262	0.999	14.761						
11/3/2016 3:00:00 PM	61200.000	19.200	16.216	43.763	668.371	803.107	0.397	546.113
1496.174	0.999	14.762						
11/3/2016 3:15:00 PM	62100.000	19.208	16.216	43.780	668.382	803.122	0.397	546.123
1496.150	0.999	14.755						
11/3/2016 3:30:00 PM	63000.000	19.199	16.216	43.761	668.335	803.078	0.397	546.093
1496.256	0.999	14.760						
11/3/2016 3:45:00 PM	63900.000	19.206	16.215	43.776	668.359	803.109	0.397	546.114
1496.202	0.999	14.756						
11/3/2016 4:00:00 PM	64800.000	19.205	16.218	43.774	668.266	802.945	0.397	546.003
1496.410	0.999	14.762						
11/3/2016 4:15:00 PM	65700.000	19.201	16.216	43.766	668.130	802.819	0.396	545.917
1496.715	0.999	14.762						
11/3/2016 4:30:00 PM	66600.000	19.205	16.215	43.775	668.259	802.989	0.397	546.032
1496.426	0.999	14.759						
11/3/2016 4:45:00 PM	67500.000	19.205	16.215	43.774	668.089	802.787	0.396	545.895
1496.806	0.999	14.762						
11/3/2016 5:00:00 PM	68400.000	19.211	16.215	43.788	668.082	802.780	0.396	545.890
1496.822	0.999	14.758						

11/3/2016 5:15:00 PM	69300.000	19.204	16.215	43.773	668.229	802.964	0.397	546.016
1496.493	0.999	14.759						
11/3/2016 5:30:00 PM	70200.000	19.204	16.215	43.771	668.093	802.797	0.396	545.902
1496.798	0.999	14.761						
11/3/2016 5:45:00 PM	71100.000	19.206	16.214	43.776	668.201	802.945	0.397	546.003
1496.556	0.999	14.761						
11/3/2016 6:00:00 PM	72000.000	19.202	16.214	43.766	668.150	802.882	0.396	545.960
1496.670	0.999	14.758						
11/3/2016 6:15:00 PM	72900.000	19.213	16.215	43.792	668.112	802.828	0.396	545.923
1496.756	0.999	14.756						
11/3/2016 6:30:00 PM	73800.000	19.209	16.213	43.784	668.355	803.142	0.397	546.136
1496.210	0.999	14.760						
11/3/2016 6:45:00 PM	74700.000	19.205	16.213	43.774	668.081	802.815	0.396	545.914
1496.826	0.999	14.757						
11/3/2016 7:00:00 PM	75600.000	19.203	16.213	43.769	668.293	803.077	0.397	546.092
1496.349	0.999	14.761						
11/3/2016 7:15:00 PM	76500.000	19.208	16.213	43.781	668.220	802.991	0.397	546.034
1496.513	0.999	14.761						
11/3/2016 7:30:00 PM	77400.000	19.209	16.213	43.782	668.216	802.984	0.397	546.029
1496.523	0.999	14.759						
11/3/2016 7:45:00 PM	78300.000	19.200	16.213	43.764	668.226	802.994	0.397	546.036
1496.500	0.999	14.764						
11/3/2016 8:00:00 PM	79200.000	19.202	16.213	43.767	668.366	803.166	0.397	546.153
1496.185	0.999	14.764						
11/3/2016 8:15:00 PM	80100.000	19.209	16.213	43.784	668.222	802.985	0.397	546.030
1496.508	0.999	14.757						
11/3/2016 8:30:00 PM	81000.000	19.202	16.213	43.766	668.449	803.266	0.397	546.221
1495.999	0.999	14.768						
11/3/2016 8:45:00 PM	81900.000	19.207	16.213	43.778	668.183	802.938	0.396	545.998
1496.595	0.999	14.762						
11/3/2016 9:00:00 PM	82800.000	19.207	16.213	43.779	668.557	803.384	0.397	546.301
1495.759	0.999	14.762						
11/3/2016 9:15:00 PM	83700.000	19.205	16.213	43.775	668.598	803.443	0.397	546.342
1495.667	0.999	14.761						
11/3/2016 9:30:00 PM	84600.000	19.213	16.212	43.791	668.435	803.256	0.397	546.214
1496.033	0.999	14.759						
11/3/2016 9:45:00 PM	85500.000	19.206	16.213	43.775	668.627	803.483	0.397	546.369
1495.601	0.999	14.764						
11/3/2016 10:00:00 PM	86400.000	19.211	16.213	43.788	668.519	803.348	0.397	546.277
1495.844	0.999	14.765						
11/3/2016 10:15:00 PM	87300.000	19.206	16.212	43.777	668.635	803.496	0.397	546.377
1495.584	0.999	14.763						
11/3/2016 10:30:00 PM	88200.000	19.204	16.212	43.771	668.595	803.448	0.397	546.344
1495.674	0.999	14.770						
11/3/2016 10:45:00 PM	89100.000	19.213	16.212	43.793	668.602	803.456	0.397	546.350
1495.659	0.999	14.763						
11/3/2016 11:00:00 PM	90000.000	19.210	16.212	43.785	668.551	803.400	0.397	546.312
1495.772	0.999	14.770						
11/3/2016 11:15:00 PM	90900.000	19.204	16.212	43.771	668.642	803.510	0.397	546.387
1495.570	0.999	14.769						
11/3/2016 11:30:00 PM	91800.000	19.209	16.211	43.784	668.662	803.550	0.397	546.414
1495.523	0.999	14.766						
11/3/2016 11:45:00 PM	92700.000	19.204	16.211	43.773	668.759	803.663	0.397	546.491
1495.306	0.999	14.771						
11/4/2016 12:00:00 AM	93600.000	19.206	16.211	43.775	668.623	803.502	0.397	546.382
1495.611	0.999	14.771						
11/4/2016 12:15:00 AM	94500.000	19.211	16.211	43.788	668.569	803.434	0.397	546.335
1495.733	0.999	14.764						
11/4/2016 12:30:00 AM	95400.000	19.209	16.211	43.784	668.880	803.808	0.397	546.589
1495.037	0.999	14.768						
11/4/2016 12:45:00 AM	96300.000	19.208	16.212	43.780	668.694	803.576	0.397	546.432
1495.453	0.999	14.765						
11/4/2016 1:00:00 AM	97200.000	19.201	16.211	43.764	668.651	803.534	0.397	546.403
1495.549	0.999	14.768						
11/4/2016 1:15:00 AM	98100.000	19.210	16.211	43.786	668.697	803.591	0.397	546.442
1495.445	0.999	14.764						
11/4/2016 1:30:00 AM	99000.000	19.213	16.211	43.792	668.765	803.670	0.397	546.496
1495.293	0.999	14.760						
11/4/2016 1:45:00 AM	99900.000	19.208	16.211	43.782	668.600	803.481	0.397	546.367
1495.663	0.999	14.764						
11/4/2016 2:00:00 AM	100800.000	19.206	16.211	43.777	668.709	803.610	0.397	546.455
1495.420	0.999	14.770						
11/4/2016 2:15:00 AM	101700.000	19.198	16.211	43.759	668.505	803.371	0.397	546.293
1495.876	0.999	14.769						
11/4/2016 2:30:00 AM	102600.000	19.213	16.211	43.792	668.700	803.608	0.397	546.453
1495.439	0.999	14.768						
11/4/2016 2:45:00 AM	103500.000	19.207	16.211	43.778	668.596	803.466	0.397	546.357
1495.672	0.999	14.771						
11/4/2016 3:00:00 AM	104400.000	19.218	16.211	43.805	668.585	803.460	0.397	546.353
1495.695	0.999	14.766						
11/4/2016 3:15:00 AM	105300.000	19.205	16.211	43.775	668.543	803.411	0.397	546.320
1495.790	0.999	14.774						
11/4/2016 3:30:00 AM	106200.000	19.208	16.211	43.781	668.553	803.416	0.397	546.323
1495.768	0.999	14.773						
11/4/2016 3:45:00 AM	107100.000	19.213	16.211	43.791	668.366	803.206	0.397	546.180
1496.187	0.999	14.769						
11/4/2016 4:00:00 AM	108000.000	19.204	16.211	43.771	668.544	803.414	0.397	546.322
1495.787	0.999	14.774						
11/4/2016 4:15:00 AM	108900.000	19.208	16.211	43.781	668.352	803.189	0.397	546.169
1496.218	0.999	14.774						
11/4/2016 4:30:00 AM	109800.000	19.213	16.211	43.793	668.317	803.143	0.397	546.137
1496.296	0.999	14.769						
11/4/2016 4:45:00 AM	110700.000	19.203	16.211	43.770	668.270	803.091	0.397	546.102
1496.402	0.999	14.778						
11/4/2016 5:00:00 AM	111600.000	19.216	16.211	43.798	668.194	802.987	0.397	546.031
1496.570	0.999	14.769						
11/4/2016 5:15:00 AM	112500.000	19.208	16.211	43.780	668.187	802.986	0.397	546.031
1496.588	0.999	14.772						
11/4/2016 5:30:00 AM	113400.000	19.213	16.210	43.792	667.992	802.771	0.396	545.885
1497.024	0.999	14.775						
11/4/2016 5:45:00 AM	114300.000	19.202	16.210	43.767	668.152	802.963	0.397	546.015
1496.665	0.999	14.778						
11/4/2016 6:00:00 AM	115200.000	19.206	16.210	43.777	668.032	802.822	0.396	545.919
1496.935	0.999	14.778						
11/4/2016 6:15:00 AM	116100.000	19.207	16.209	43.780	667.936	802.717	0.396	545.848
1497.150	0.999	14.775						
11/4/2016 6:30:00 AM	117000.000	19.211	16.209	43.789	668.095	802.902	0.396	545.973
1496.793	0.999	14.776						
11/4/2016 6:45:00 AM	117900.000	19.210	16.210	43.785	668.037	802.831	0.396	545.925
1496.922	0.999	14.774						
11/4/2016 7:00:00 AM	118800.000	19.210	16.209	43.786	667.469	802.151	0.396	545.462
1498.198	0.999	14.774						
11/4/2016 7:15:00 AM	119700.000	19.211	16.210	43.788	666.695	801.214	0.396	544.826
1499.937	0.999	14.772						
11/4/2016 7:30:00 AM	120600.000	19.210	16.210	43.786	666.093	800.484	0.395	544.329
1501.292	0.999	14.769						
11/4/2016 7:45:00 AM	121500.000	19.218	16.211	43.803	665.614	799.900	0.395	543.932
1502.373	0.999	14.768						
11/4/2016 8:00:00 AM	122400.000	19.207	16.211	43.780	665.557	799.819	0.395	543.877
1502.501	0.999	14.774						
11/4/2016 8:15:00 AM	123300.000	19.205	16.211	43.773	665.113	799.285	0.395	543.514
1503.505	0.999	14.778						
11/4/2016 8:30:00 AM	124200.000	19.211	16.211	43.789	664.991	799.135	0.395	543.412
1503.779	0.999	14.770						
11/4/2016 8:45:00 AM	125100.000	19.207	16.212	43.779	664.804	798.900	0.394	543.252
1504.203	0.999	14.775						
11/4/2016 9:00:00 AM	126000.000	19.215	16.212	43.798	664.721	798.797	0.394	543.182
1504.390	0.999	14.771						
11/4/2016 9:15:00 AM	126900.000	19.201	16.212	43.765	664.647	798.711	0.394	543.124
1504.559	0.999	14.786						
11/4/2016 9:30:00 AM	127800.000	19.206	16.213	43.777	664.645	798.697	0.394	543.114
1504.562	0.999	14.783						
11/4/2016 9:45:00 AM	128700.000	19.216	16.212	43.799	664.469	798.496	0.394	542.977

1504.961	0.999	14.775						
11/4/2016 10:00:00 AM	129600.000	19.211	16.213	43.789	664.549	798.583	0.394	543.037
1504.781	0.999	14.780						
11/4/2016 10:15:00 AM	130500.000	19.208	16.213	43.781	664.484	798.506	0.394	542.984
1504.927	0.999	14.782						
11/4/2016 10:30:00 AM	131400.000	19.211	16.212	43.789	664.356	798.357	0.394	542.883
1505.216	0.999	14.782						
11/4/2016 10:45:00 AM	132300.000	19.213	16.212	43.791	664.293	798.291	0.394	542.838
1505.360	0.999	14.787						
11/4/2016 11:00:00 AM	133200.000	19.214	16.212	43.794	664.351	798.361	0.394	542.885
1505.228	0.999	14.785						
11/4/2016 11:15:00 AM	134100.000	19.210	16.211	43.784	664.304	798.315	0.394	542.854
1505.335	0.999	14.786						
11/4/2016 11:30:00 AM	135000.000	19.214	16.211	43.794	664.319	798.344	0.394	542.874
1505.300	0.999	14.785						
11/4/2016 11:45:00 AM	135900.000	19.218	16.210	43.803	664.308	798.339	0.394	542.871
1505.326	0.999	14.785						
11/4/2016 12:00:00 PM	136800.000	19.209	16.210	43.783	664.395	798.443	0.394	542.941
1505.129	0.999	14.790						
11/4/2016 12:15:00 PM	137700.000	19.212	16.210	43.791	664.461	798.516	0.394	542.991
1504.980	0.999	14.785						
11/4/2016 12:30:00 PM	138600.000	19.214	16.210	43.794	664.370	798.419	0.394	542.925
1505.185	0.999	14.782						
11/4/2016 12:45:00 PM	139500.000	19.211	16.210	43.788	664.405	798.453	0.394	542.948
1505.105	0.999	14.779						
11/4/2016 1:00:00 PM	140400.000	19.221	16.210	43.810	664.320	798.350	0.394	542.878
1505.299	0.999	14.773						
11/4/2016 1:15:00 PM	141300.000	19.215	16.210	43.796	664.514	798.588	0.394	543.040
1504.860	0.999	14.775						
11/4/2016 1:30:00 PM	142200.000	19.209	16.210	43.783	664.411	798.467	0.394	542.957
1505.092	0.999	14.779						
11/4/2016 1:45:00 PM	143100.000	19.213	16.210	43.792	664.429	798.481	0.394	542.967
1505.053	0.999	14.775						
11/4/2016 2:00:00 PM	144000.000	19.217	16.210	43.802	664.437	798.488	0.394	542.972
1505.034	0.999	14.778						
11/4/2016 2:15:00 PM	144900.000	19.210	16.210	43.785	664.628	798.719	0.394	543.129
1504.601	0.999	14.778						
11/4/2016 2:30:00 PM	145800.000	19.213	16.210	43.793	664.592	798.680	0.394	543.102
1504.682	0.999	14.778						
11/4/2016 2:45:00 PM	146700.000	19.216	16.210	43.799	664.603	798.698	0.394	543.115
1504.657	0.999	14.774						
11/4/2016 3:00:00 PM	147600.000	19.204	16.210	43.772	664.651	798.758	0.394	543.156
1504.548	0.999	14.778						
11/4/2016 3:15:00 PM	148500.000	19.210	16.209	43.786	664.771	798.907	0.394	543.257
1504.278	0.999	14.776						
11/4/2016 3:30:00 PM	149400.000	19.204	16.209	43.773	664.731	798.867	0.394	543.229
1504.368	0.999	14.778						
11/4/2016 3:45:00 PM	150300.000	19.213	16.208	43.792	664.768	798.925	0.394	543.269
1504.284	0.999	14.775						
11/4/2016 4:00:00 PM	151200.000	19.208	16.208	43.781	664.786	798.945	0.394	543.283
1504.242	0.999	14.777						
11/4/2016 4:15:00 PM	152100.000	19.211	16.209	43.789	664.803	798.954	0.394	543.288
1504.205	0.999	14.780						
11/4/2016 4:30:00 PM	153000.000	19.208	16.208	43.782	664.867	799.053	0.395	543.356
1504.060	0.999	14.779						
11/4/2016 4:45:00 PM	153900.000	19.210	16.208	43.786	664.767	798.927	0.394	543.271
1504.287	0.999	14.776						
11/4/2016 5:00:00 PM	154800.000	19.211	16.208	43.788	665.016	799.235	0.395	543.480
1503.724	0.999	14.778						
11/4/2016 5:15:00 PM	155700.000	19.210	16.207	43.785	664.920	799.133	0.395	543.410
1503.940	0.999	14.780						
11/4/2016 5:30:00 PM	156600.000	19.211	16.207	43.788	665.004	799.234	0.395	543.479
1503.750	0.999	14.780						
11/4/2016 5:45:00 PM	157500.000	19.219	16.207	43.807	664.956	799.173	0.395	543.438
1503.859	0.999	14.774						
11/4/2016 6:00:00 PM	158400.000	19.210	16.207	43.787	665.069	799.317	0.395	543.535
1503.604	0.999	14.777						
11/4/2016 6:15:00 PM	159300.000	19.211	16.206	43.788	665.107	799.366	0.395	543.569
1503.516	0.999	14.774						
11/4/2016 6:30:00 PM	160200.000	19.222	16.206	43.813	665.097	799.366	0.395	543.569
1503.541	0.999	14.775						
11/4/2016 6:45:00 PM	161100.000	19.214	16.206	43.794	665.151	799.425	0.395	543.609
1503.417	0.999	14.778						
11/4/2016 7:00:00 PM	162000.000	19.213	16.206	43.793	665.113	799.377	0.395	543.577
1503.505	0.999	14.775						
11/4/2016 7:15:00 PM	162900.000	19.212	16.206	43.789	665.424	799.760	0.395	543.837
1502.801	0.999	14.776						
11/4/2016 7:30:00 PM	163800.000	19.207	16.205	43.779	665.073	799.346	0.395	543.555
1503.594	0.999	14.778						
11/4/2016 7:45:00 PM	164700.000	19.209	16.206	43.782	665.315	799.618	0.395	543.740
1503.047	0.999	14.776						
11/4/2016 8:00:00 PM	165600.000	19.206	16.206	43.775	665.301	799.602	0.395	543.730
1503.078	0.999	14.781						
11/4/2016 8:15:00 PM	166500.000	19.218	16.206	43.804	665.369	799.690	0.395	543.789
1502.925	0.999	14.773						
11/4/2016 8:30:00 PM	167400.000	19.214	16.205	43.794	665.290	799.616	0.395	543.739
1503.104	0.999	14.776						
11/4/2016 8:45:00 PM	168300.000	19.214	16.205	43.796	665.333	799.672	0.395	543.777
1503.007	0.999	14.782						
11/4/2016 9:00:00 PM	169200.000	19.218	16.205	43.805	665.466	799.824	0.395	543.880
1502.707	0.999	14.781						
11/4/2016 9:15:00 PM	170100.000	19.214	16.205	43.795	665.342	799.677	0.395	543.781
1502.986	0.999	14.780						
11/4/2016 9:30:00 PM	171000.000	19.209	16.205	43.784	665.567	799.952	0.395	543.968
1502.478	0.999	14.786						
11/4/2016 9:45:00 PM	171900.000	19.211	16.205	43.787	665.415	799.761	0.395	543.838
1502.822	0.999	14.782						
11/4/2016 10:00:00 PM	172800.000	19.209	16.205	43.783	665.477	799.845	0.395	543.894
1502.681	0.999	14.784						
11/4/2016 10:15:00 PM	173700.000	19.221	16.205	43.810	665.593	799.981	0.395	543.987
1502.419	0.999	14.780						
11/4/2016 10:30:00 PM	174600.000	19.217	16.205	43.802	665.471	799.834	0.395	543.887
1502.695	0.999	14.787						
11/4/2016 10:45:00 PM	175500.000	19.211	16.205	43.787	665.705	800.118	0.395	544.080
1502.167	0.999	14.792						
11/4/2016 11:00:00 PM	176400.000	19.206	16.205	43.776	665.525	799.898	0.395	543.931
1502.574	0.999	14.792						
11/4/2016 11:15:00 PM	177300.000	19.204	16.205	43.772	665.698	800.109	0.395	544.074
1502.182	0.999	14.795						
11/4/2016 11:30:00 PM	178200.000	19.215	16.204	43.798	665.404	799.767	0.395	543.842
1502.847	0.999	14.791						
11/4/2016 11:45:00 PM	179100.000	19.210	16.204	43.786	665.643	800.052	0.395	544.035
1502.307	0.999	14.794						
11/5/2016 12:00:00 AM	180000.000	19.211	16.204	43.788	665.747	800.172	0.395	544.117
1502.072	0.999	14.795						
11/5/2016 12:15:00 AM	180900.000	19.216	16.205	43.800	665.711	800.119	0.395	544.081
1502.154	0.999	14.795						
11/5/2016 12:30:00 AM	181800.000	19.208	16.205	43.781	665.624	800.023	0.395	544.016
1502.349	0.999	14.796						
11/5/2016 12:45:00 AM	182700.000	19.210	16.204	43.785	665.667	800.084	0.395	544.057
1502.253	0.999	14.793						
11/5/2016 1:00:00 AM	183600.000	19.223	16.205	43.814	665.789	800.213	0.395	544.145
1501.978	0.999	14.781						
11/5/2016 1:15:00 AM	184500.000	19.219	16.204	43.806	665.654	800.075	0.395	544.051
1502.282	0.999	14.784						
11/5/2016 1:30:00 AM	185400.000	19.204	16.204	43.772	665.602	800.001	0.395	544.001
1502.399	0.999	14.793						
11/5/2016 1:45:00 AM	186300.000	19.214	16.203	43.794	665.664	800.090	0.395	544.061
1502.260	0.999	14.788						
11/5/2016 2:00:00 AM	187200.000	19.218	16.203	43.804	665.781	800.234	0.395	544.159
1501.995	0.999	14.785						
11/5/2016 2:15:00 AM	188100.000	19.211	16.204	43.788	665.683	800.109	0.395	544.074
1502.215	0.999	14.786						

11/5/2016 2:30:00 AM	189000.000	19.221	16.203	43.810	665.640	800.069	0.395	544.047
1502.314	0.999	14.781						
11/5/2016 2:45:00 AM	189900.000	19.219	16.203	43.806	665.886	800.365	0.395	544.248
1501.759	0.999	14.783						
11/5/2016 3:00:00 AM	190800.000	19.222	16.203	43.812	665.663	800.105	0.395	544.071
1502.262	0.999	14.781						
11/5/2016 3:15:00 AM	191700.000	19.218	16.202	43.803	665.756	800.224	0.395	544.153
1502.052	0.999	14.785						
11/5/2016 3:30:00 AM	192600.000	19.220	16.203	43.808	665.802	800.265	0.395	544.180
1501.949	0.999	14.783						
11/5/2016 3:45:00 AM	193500.000	19.212	16.202	43.791	665.747	800.210	0.395	544.143
1502.073	0.999	14.788						
11/5/2016 4:00:00 AM	194400.000	19.205	16.202	43.775	665.679	800.132	0.395	544.090
1502.225	0.999	14.789						
11/5/2016 4:15:00 AM	195300.000	19.212	16.202	43.789	665.828	800.308	0.395	544.210
1501.889	0.999	14.785						
11/5/2016 4:30:00 AM	196200.000	19.218	16.202	43.803	665.852	800.350	0.395	544.238
1501.835	0.999	14.778						
11/5/2016 4:45:00 AM	197100.000	19.217	16.201	43.802	665.696	800.168	0.395	544.115
1502.188	0.999	14.774						
11/5/2016 5:00:00 AM	198000.000	19.211	16.201	43.789	665.698	800.169	0.395	544.115
1502.183	0.999	14.773						
11/5/2016 5:15:00 AM	198900.000	19.221	16.201	43.810	665.854	800.363	0.395	544.247
1501.832	0.999	14.769						
11/5/2016 5:30:00 AM	199800.000	19.218	16.201	43.805	665.733	800.224	0.395	544.153
1502.104	0.999	14.770						
11/5/2016 5:45:00 AM	200700.000	19.221	16.200	43.810	665.841	800.359	0.395	544.244
1501.861	0.999	14.769						
11/5/2016 6:00:00 AM	201600.000	19.227	16.201	43.823	665.689	800.175	0.395	544.119
1502.203	0.999	14.767						
11/5/2016 6:15:00 AM	202500.000	19.226	16.200	43.822	665.865	800.389	0.395	544.264
1501.805	0.999	14.771						
11/5/2016 6:30:00 AM	203400.000	19.223	16.200	43.815	665.596	800.074	0.395	544.050
1502.413	0.999	14.773						
11/5/2016 6:45:00 AM	204300.000	19.219	16.200	43.807	665.836	800.370	0.395	544.252
1501.870	0.999	14.772						
11/5/2016 7:00:00 AM	205200.000	19.221	16.200	43.811	665.783	800.302	0.395	544.206
1501.991	0.999	14.771						
11/5/2016 7:15:00 AM	206100.000	19.221	16.200	43.811	665.885	800.429	0.395	544.292
1501.760	0.999	14.774						
11/5/2016 7:30:00 AM	207000.000	19.222	16.200	43.812	665.814	800.339	0.395	544.231
1501.922	0.999	14.774						
11/5/2016 7:45:00 AM	207900.000	19.217	16.199	43.802	665.869	800.419	0.395	544.285
1501.796	0.999	14.770						
11/5/2016 8:00:00 AM	208800.000	19.214	16.199	43.794	665.715	800.234	0.395	544.159
1502.144	0.999	14.773						
11/5/2016 8:15:00 AM	209700.000	19.209	16.199	43.784	665.916	800.482	0.395	544.328
1501.691	0.999	14.775						
11/5/2016 8:30:00 AM	210600.000	19.222	16.199	43.812	665.852	800.400	0.395	544.272
1501.836	0.999	14.771						
11/5/2016 8:45:00 AM	211500.000	19.219	16.199	43.806	665.911	800.466	0.395	544.317
1501.702	0.999	14.774						
11/5/2016 9:00:00 AM	212400.000	19.222	16.199	43.813	665.728	800.252	0.395	544.172
1502.115	0.999	14.769						
11/5/2016 9:15:00 AM	213300.000	19.219	16.199	43.805	665.981	800.559	0.395	544.380
1501.545	0.999	14.767						
11/5/2016 9:30:00 AM	214200.000	19.226	16.199	43.822	665.757	800.280	0.395	544.190
1502.049	0.999	14.769						
11/5/2016 9:45:00 AM	215100.000	19.218	16.199	43.803	665.996	800.578	0.395	544.393
1501.511	0.999	14.775						
11/5/2016 10:00:00 AM	216000.000	19.210	16.198	43.786	665.838	800.396	0.395	544.269
1501.866	0.999	14.786						
11/5/2016 10:15:00 AM	216900.000	19.226	16.198	43.821	665.782	800.323	0.395	544.220
1501.994	0.999	14.774						
11/5/2016 10:30:00 AM	217800.000	19.222	16.198	43.812	665.920	800.495	0.395	544.336
1501.682	0.999	14.774						
11/5/2016 10:45:00 AM	218700.000	19.220	16.198	43.808	665.814	800.372	0.395	544.253
1501.921	0.999	14.781						
11/5/2016 11:00:00 AM	219600.000	19.221	16.198	43.811	665.900	800.474	0.395	544.322
1501.727	0.999	14.779						
11/5/2016 11:15:00 AM	220500.000	19.216	16.198	43.799	665.941	800.526	0.395	544.358
1501.634	0.999	14.785						
11/5/2016 11:30:00 AM	221400.000	19.213	16.197	43.792	665.923	800.519	0.395	544.353
1501.675	0.999	14.786						
11/5/2016 11:45:00 AM	222300.000	19.222	16.197	43.812	665.910	800.505	0.395	544.344
1501.704	0.999	14.780						
11/5/2016 12:00:00 PM	223200.000	19.217	16.196	43.801	665.924	800.534	0.395	544.363
1501.674	0.999	14.786						
11/5/2016 12:15:00 PM	224100.000	19.216	16.195	43.799	665.887	800.505	0.395	544.343
1501.757	0.999	14.785						
11/5/2016 12:30:00 PM	225000.000	19.215	16.196	43.798	665.996	800.625	0.395	544.425
1501.510	0.999	14.784						
11/5/2016 12:45:00 PM	225900.000	19.222	16.196	43.813	665.875	800.478	0.395	544.325
1501.783	0.999	14.780						
11/5/2016 1:00:00 PM	226800.000	19.226	16.196	43.823	665.867	800.469	0.395	544.319
1501.802	0.999	14.778						
11/5/2016 1:15:00 PM	227700.000	19.221	16.196	43.810	665.913	800.523	0.395	544.356
1501.699	0.999	14.780						
11/5/2016 1:30:00 PM	228600.000	19.209	16.195	43.783	666.073	800.732	0.395	544.498
1501.336	0.999	14.781						
11/5/2016 1:45:00 PM	229500.000	19.211	16.196	43.787	665.933	800.545	0.395	544.371
1501.653	0.999	14.780						
11/5/2016 2:00:00 PM	230400.000	19.221	16.196	43.810	665.874	800.486	0.395	544.331
1501.786	0.999	14.778						
11/5/2016 2:15:00 PM	231300.000	19.219	16.196	43.806	665.834	800.439	0.395	544.299
1501.876	0.999	14.780						
11/5/2016 2:30:00 PM	232200.000	19.206	16.195	43.776	666.161	800.834	0.395	544.567
1501.139	0.999	14.784						
11/5/2016 2:45:00 PM	233100.000	19.224	16.196	43.819	665.813	800.413	0.395	544.281
1501.923	0.999	14.773						
11/5/2016 3:00:00 PM	234000.000	19.225	16.195	43.819	665.858	800.481	0.395	544.327
1501.823	0.999	14.773						
11/5/2016 3:15:00 PM	234900.000	19.216	16.195	43.798	665.969	800.618	0.395	544.420
1501.571	0.999	14.779						
11/5/2016 3:30:00 PM	235800.000	19.222	16.195	43.812	665.865	800.489	0.395	544.333
1501.807	0.999	14.778						
11/5/2016 3:45:00 PM	236700.000	19.218	16.195	43.804	665.867	800.499	0.395	544.339
1501.801	0.999	14.772						
11/5/2016 4:00:00 PM	237600.000	19.226	16.195	43.822	665.996	800.651	0.395	544.443
1501.510	0.999	14.775						
11/5/2016 4:15:00 PM	238500.000	19.223	16.194	43.816	665.936	800.590	0.395	544.401
1501.645	0.999	14.773						
11/5/2016 4:30:00 PM	239400.000	19.217	16.193	43.802	665.914	800.578	0.395	544.393
1501.696	0.999	14.779						
11/5/2016 4:45:00 PM	240300.000	19.219	16.194	43.805	665.914	800.572	0.395	544.389
1501.695	0.999	14.777						
11/5/2016 5:00:00 PM	241200.000	19.216	16.193	43.799	666.005	800.693	0.395	544.471
1501.491	0.999	14.774						
11/5/2016 5:15:00 PM	242100.000	19.214	16.193	43.794	666.038	800.732	0.395	544.498
1501.415	0.999	14.769						
11/5/2016 5:30:00 PM	243000.000	19.219	16.193	43.806	665.938	800.611	0.395	544.416
1501.642	0.999	14.765						
11/5/2016 5:45:00 PM	243900.000	19.217	16.193	43.802	665.926	800.598	0.395	544.407
1501.669	0.999	14.767						
11/5/2016 6:00:00 PM	244800.000	19.210	16.193	43.786	665.879	800.546	0.395	544.371
1501.773	0.999	14.767						
11/5/2016 6:15:00 PM	245700.000	19.219	16.193	43.807	665.909	800.582	0.395	544.396
1501.706	0.999	14.760						
11/5/2016 6:30:00 PM	246600.000	19.226	16.192	43.822	665.894	800.573	0.395	544.390
1501.740	0.999	14.759						
11/5/2016 6:45:00 PM	247500.000	19.227	16.192	43.824	665.792	800.445	0.395	544.303
1501.972	0.999	14.757						
11/5/2016 7:00:00 PM	248400.000	19.218	16.192	43.803	665.900	800.587	0.395	544.399

1501.727	0.999	14.767						
11/5/2016 7:15:00 PM	249300.000	19.223	16.191	43.815	665.842	800.528	0.395	544.359
1501.859	0.999	14.763						
11/5/2016 7:30:00 PM	250200.000	19.218	16.192	43.805	665.853	800.528	0.395	544.359
1501.834	0.999	14.757						
11/5/2016 7:45:00 PM	251100.000	19.214	16.192	43.794	665.870	800.552	0.395	544.375
1501.795	0.999	14.763						
11/5/2016 8:00:00 PM	252000.000	19.217	16.192	43.801	665.908	800.603	0.395	544.410
1501.709	0.999	14.759						
11/5/2016 8:15:00 PM	252900.000	19.215	16.192	43.798	665.808	800.479	0.395	544.326
1501.934	0.999	14.766						
11/5/2016 8:30:00 PM	253800.000	19.219	16.191	43.805	665.793	800.470	0.395	544.319
1501.968	0.999	14.764						
11/5/2016 8:45:00 PM	254700.000	19.228	16.191	43.826	665.853	800.540	0.395	544.367
1501.833	0.999	14.755						
11/5/2016 9:00:00 PM	255600.000	19.220	16.191	43.809	665.784	800.468	0.395	544.318
1501.989	0.999	14.764						
11/5/2016 9:15:00 PM	256500.000	19.222	16.191	43.812	665.796	800.483	0.395	544.328
1501.961	0.999	14.759						
11/5/2016 9:30:00 PM	257400.000	19.227	16.191	43.825	665.726	800.399	0.395	544.271
1502.119	0.999	14.759						
11/5/2016 9:45:00 PM	258300.000	19.224	16.191	43.817	665.772	800.454	0.395	544.309
1502.016	0.999	14.761						
11/5/2016 10:00:00 PM	259200.000	19.220	16.191	43.809	665.828	800.519	0.395	544.353
1501.888	0.999	14.767						
11/5/2016 10:15:00 PM	260100.000	19.225	16.191	43.820	665.715	800.389	0.395	544.264
1502.144	0.999	14.766						
11/5/2016 10:30:00 PM	261000.000	19.221	16.190	43.810	665.798	800.490	0.395	544.333
1501.957	0.999	14.769						
11/5/2016 10:45:00 PM	261900.000	19.225	16.191	43.820	665.704	800.359	0.395	544.244
1502.170	0.999	14.770						
11/5/2016 11:00:00 PM	262800.000	19.220	16.190	43.808	665.689	800.359	0.395	544.244
1502.202	0.999	14.774						
11/5/2016 11:15:00 PM	263700.000	19.223	16.190	43.815	665.621	800.284	0.395	544.193
1502.356	0.999	14.776						
11/5/2016 11:30:00 PM	264600.000	19.215	16.191	43.798	665.701	800.372	0.395	544.253
1502.175	0.999	14.772						
11/5/2016 11:45:00 PM	265500.000	19.228	16.190	43.826	665.606	800.263	0.395	544.179
1502.391	0.999	14.768						
11/6/2016 12:00:00 AM	266400.000	19.227	16.190	43.824	665.626	800.292	0.395	544.198
1502.345	0.999	14.769						
11/6/2016 12:15:00 AM	267300.000	19.222	16.190	43.812	665.711	800.390	0.395	544.265
1502.154	0.999	14.767						
11/6/2016 12:30:00 AM	268200.000	19.231	16.191	43.834	665.530	800.159	0.395	544.108
1502.563	0.999	14.761						
11/6/2016 12:45:00 AM	269100.000	19.219	16.191	43.807	665.647	800.298	0.395	544.203
1502.299	0.999	14.773						
11/6/2016 1:00:00 AM	270000.000	19.219	16.191	43.806	665.563	800.203	0.395	544.138
1502.487	0.999	14.772						
11/6/2016 1:15:00 AM	270900.000	19.222	16.191	43.812	665.465	800.083	0.395	544.056
1502.709	0.999	14.772						
11/6/2016 1:30:00 AM	271800.000	19.219	16.191	43.806	665.538	800.169	0.395	544.115
1502.545	0.999	14.769						
11/6/2016 1:45:00 AM	272700.000	19.230	16.190	43.831	665.547	800.188	0.395	544.128
1502.525	0.999	14.771						
11/6/2016 2:00:00 AM	273600.000	19.223	16.191	43.816	665.345	799.942	0.395	543.960
1502.981	0.999	14.773						
11/6/2016 2:15:00 AM	274500.000	19.220	16.191	43.809	665.575	800.220	0.395	544.149
1502.461	0.999	14.775						
11/6/2016 2:30:00 AM	275400.000	19.226	16.190	43.822	665.408	800.030	0.395	544.020
1502.836	0.999	14.775						
11/6/2016 2:45:00 AM	276300.000	19.224	16.190	43.817	665.331	799.933	0.395	543.954
1503.012	0.999	14.768						
11/6/2016 2:00:00 AM	277200.000	19.215	16.190	43.797	665.338	799.947	0.395	543.964
1502.995	0.999	14.775						
11/6/2016 2:15:00 AM	278100.000	19.223	16.190	43.815	665.351	799.957	0.395	543.971
1502.967	0.999	14.771						
11/6/2016 2:30:00 AM	279000.000	19.228	16.189	43.827	665.218	799.812	0.395	543.872
1503.268	0.999	14.773						
11/6/2016 2:45:00 AM	279900.000	19.221	16.190	43.811	665.373	799.989	0.395	543.993
1502.916	0.999	14.776						
11/6/2016 3:00:00 AM	280800.000	19.226	16.190	43.821	665.204	799.783	0.395	543.852
1503.297	0.999	14.773						
11/6/2016 3:15:00 AM	281700.000	19.221	16.190	43.811	665.286	799.881	0.395	543.919
1503.112	0.999	14.774						
11/6/2016 3:30:00 AM	282600.000	19.223	16.190	43.814	665.215	799.805	0.395	543.867
1503.274	0.999	14.769						
11/6/2016 3:45:00 AM	283500.000	19.218	16.189	43.804	665.207	799.800	0.395	543.864
1503.292	0.999	14.773						
11/6/2016 4:00:00 AM	284400.000	19.223	16.189	43.814	665.042	799.602	0.395	543.730
1503.664	0.999	14.767						
11/6/2016 4:15:00 AM	285300.000	19.222	16.189	43.814	665.163	799.748	0.395	543.829
1503.391	0.999	14.757						
11/6/2016 4:30:00 AM	286200.000	19.222	16.188	43.814	665.081	799.665	0.395	543.772
1503.576	0.999	14.763						
11/6/2016 4:45:00 AM	287100.000	19.227	16.188	43.824	665.144	799.747	0.395	543.828
1503.435	0.999	14.763						
11/6/2016 5:00:00 AM	288000.000	19.219	16.188	43.807	664.936	799.494	0.395	543.656
1503.905	0.999	14.770						
11/6/2016 5:15:00 AM	288900.000	19.222	16.188	43.813	665.072	799.659	0.395	543.768
1503.597	0.999	14.771						
11/6/2016 5:30:00 AM	289800.000	19.221	16.188	43.812	664.946	799.507	0.395	543.665
1503.883	0.999	14.768						
11/6/2016 5:45:00 AM	290700.000	19.228	16.188	43.826	664.905	799.458	0.395	543.631
1503.975	0.999	14.765						
11/6/2016 6:00:00 AM	291600.000	19.218	16.188	43.804	664.869	799.424	0.395	543.608
1504.055	0.999	14.764						
11/6/2016 6:15:00 AM	292500.000	19.210	16.188	43.785	664.899	799.457	0.395	543.631
1503.989	0.999	14.777						
11/6/2016 6:30:00 AM	293400.000	19.225	16.188	43.819	664.772	799.304	0.395	543.527
1504.276	0.999	14.773						
11/6/2016 6:45:00 AM	294300.000	19.224	16.187	43.817	664.916	799.499	0.395	543.659
1503.949	0.999	14.769						
11/6/2016 7:00:00 AM	295200.000	19.221	16.187	43.811	664.743	799.286	0.395	543.515
1504.341	0.999	14.771						
11/6/2016 7:15:00 AM	296100.000	19.219	16.186	43.806	664.785	799.346	0.395	543.556
1504.245	0.999	14.777						
11/6/2016 7:30:00 AM	297000.000	19.219	16.187	43.806	664.611	799.126	0.395	543.406
1504.640	0.999	14.779						
11/6/2016 7:45:00 AM	297900.000	19.218	16.187	43.804	664.716	799.258	0.395	543.495
1504.403	0.999	14.772						
11/6/2016 8:00:00 AM	298800.000	19.221	16.187	43.811	664.700	799.243	0.395	543.485
1504.438	0.999	14.783						
11/6/2016 8:15:00 AM	299700.000	19.221	16.187	43.810	664.649	799.178	0.395	543.441
1504.554	0.999	14.778						
11/6/2016 8:30:00 AM	300600.000	19.225	16.186	43.819	664.600	799.124	0.395	543.404
1504.665	0.999	14.782						
11/6/2016 8:45:00 AM	301500.000	19.219	16.187	43.806	664.629	799.153	0.395	543.424
1504.598	0.999	14.784						
11/6/2016 9:00:00 AM	302400.000	19.215	16.186	43.798	664.464	798.962	0.394	543.294
1504.973	0.999	14.790						
11/6/2016 9:15:00 AM	303300.000	19.218	16.187	43.803	664.606	799.129	0.395	543.408
1504.651	0.999	14.785						
11/6/2016 9:30:00 AM	304200.000	19.216	16.186	43.799	664.519	799.035	0.394	543.344
1504.848	0.999	14.793						
11/6/2016 9:45:00 AM	305100.000	19.226	16.186	43.822	664.486	798.990	0.394	543.313
1504.924	0.999	14.785						
11/6/2016 10:00:00 AM	306000.000	19.220	16.187	43.808	664.468	798.962	0.394	543.294
1504.963	0.999	14.783						
11/6/2016 10:15:00 AM	306900.000	19.230	16.186	43.832	664.382	798.868	0.394	543.230
1505.158	0.999	14.786						
11/6/2016 10:30:00 AM	307800.000	19.223	16.186	43.816	664.377	798.862	0.394	543.226
1505.170	0.999	14.785						

11/6/2016 10:45:00 AM	308700.000	19.222	16.186	43.813	664.375	798.868	0.394	543.230
1505.174	0.999	14.791						
11/6/2016 11:00:00 AM	309600.000	19.210	16.185	43.785	664.291	798.770	0.394	543.164
1505.365	0.999	14.795						
11/6/2016 11:15:00 AM	310500.000	19.225	16.186	43.821	664.228	798.686	0.394	543.106
1505.508	0.999	14.788						
11/6/2016 11:30:00 AM	311400.000	19.223	16.185	43.814	664.471	798.986	0.394	543.311
1504.957	0.999	14.789						
11/6/2016 11:45:00 AM	312300.000	19.220	16.186	43.808	664.137	798.583	0.394	543.037
1505.713	0.999	14.784						
11/6/2016 12:00:00 PM	313200.000	19.227	16.185	43.824	664.256	798.742	0.394	543.145
1505.444	0.999	14.783						
11/6/2016 12:15:00 PM	314100.000	19.233	16.185	43.838	664.203	798.673	0.394	543.097
1505.563	0.999	14.778						
11/6/2016 12:30:00 PM	315000.000	19.223	16.185	43.815	664.211	798.685	0.394	543.106
1505.546	0.999	14.787						
11/6/2016 12:45:00 PM	315900.000	19.218	16.185	43.804	664.157	798.619	0.394	543.061
1505.667	0.999	14.783						
11/6/2016 1:00:00 PM	316800.000	19.222	16.185	43.812	664.132	798.591	0.394	543.042
1505.724	0.999	14.782						
11/6/2016 1:15:00 PM	317700.000	19.213	16.186	43.793	664.175	798.629	0.394	543.068
1505.628	0.999	14.785						
11/6/2016 1:30:00 PM	318600.000	19.224	16.185	43.817	664.011	798.447	0.394	542.944
1506.000	0.999	14.781						
11/6/2016 1:45:00 PM	319500.000	19.227	16.185	43.824	664.023	798.463	0.394	542.955
1505.971	0.999	14.777						
11/6/2016 2:00:00 PM	320400.000	19.229	16.184	43.829	663.975	798.420	0.394	542.925
1506.080	0.999	14.775						
11/6/2016 2:15:00 PM	321300.000	19.219	16.184	43.807	664.038	798.491	0.394	542.974
1505.939	0.999	14.781						
11/6/2016 2:30:00 PM	322200.000	19.219	16.184	43.807	663.980	798.425	0.394	542.929
1506.070	0.999	14.778						
11/6/2016 2:45:00 PM	323100.000	19.217	16.184	43.802	663.983	798.428	0.394	542.931
1506.063	0.999	14.782						
11/6/2016 3:00:00 PM	324000.000	19.223	16.184	43.815	663.847	798.270	0.394	542.824
1506.370	0.999	14.778						
11/6/2016 3:15:00 PM	324900.000	19.228	16.184	43.826	663.974	798.421	0.394	542.927
1506.083	0.999	14.779						
11/6/2016 3:30:00 PM	325800.000	19.220	16.183	43.807	663.911	798.365	0.394	542.888
1506.225	0.999	14.778						
11/6/2016 3:45:00 PM	326700.000	19.219	16.183	43.807	663.814	798.247	0.394	542.808
1506.445	0.999	14.782						
11/6/2016 4:00:00 PM	327600.000	19.216	16.183	43.800	663.979	798.441	0.394	542.940
1506.072	0.999	14.785						
11/6/2016 4:15:00 PM	328500.000	19.219	16.183	43.806	663.844	798.282	0.394	542.832
1506.379	0.999	14.784						
11/6/2016 4:30:00 PM	329400.000	19.231	16.182	43.833	663.889	798.345	0.394	542.875
1506.275	0.999	14.780						
11/6/2016 4:45:00 PM	330300.000	19.223	16.182	43.815	663.958	798.424	0.394	542.928
1506.120	0.999	14.785						
11/6/2016 5:00:00 PM	331200.000	19.222	16.182	43.813	663.804	798.244	0.394	542.806
1506.469	0.999	14.785						
11/6/2016 5:15:00 PM	332100.000	19.225	16.182	43.820	663.930	798.393	0.394	542.908
1506.184	0.999	14.789						
11/6/2016 5:30:00 PM	333000.000	19.225	16.182	43.819	663.905	798.362	0.394	542.886
1506.240	0.999	14.786						
11/6/2016 5:45:00 PM	333900.000	19.210	16.182	43.786	663.863	798.318	0.394	542.857
1506.334	0.999	14.796						
11/6/2016 6:00:00 PM	334800.000	19.223	16.182	43.816	663.774	798.208	0.394	542.781
1506.537	0.999	14.796						
11/6/2016 6:15:00 PM	335700.000	19.222	16.182	43.812	663.867	798.318	0.394	542.857
1506.326	0.999	14.787						
11/6/2016 6:30:00 PM	336600.000	19.230	16.182	43.831	663.825	798.273	0.394	542.826
1506.420	0.999	14.790						
11/6/2016 6:45:00 PM	337500.000	19.227	16.182	43.824	663.733	798.159	0.394	542.748
1506.630	0.999	14.797						
11/6/2016 7:00:00 PM	338400.000	19.216	16.182	43.798	663.907	798.364	0.394	542.888
1506.236	0.999	14.796						
11/6/2016 7:15:00 PM	339300.000	19.216	16.182	43.800	663.779	798.217	0.394	542.788
1506.525	0.999	14.798						
11/6/2016 7:30:00 PM	340200.000	19.216	16.182	43.800	663.645	798.053	0.394	542.676
1506.830	0.999	14.796						
11/6/2016 7:45:00 PM	341100.000	19.217	16.182	43.802	663.735	798.163	0.394	542.751
1506.625	0.999	14.803						
11/6/2016 8:00:00 PM	342000.000	19.230	16.182	43.831	663.796	798.234	0.394	542.799
1506.488	0.999	14.794						
11/6/2016 8:15:00 PM	342900.000	19.230	16.182	43.831	663.797	798.246	0.394	542.807
1506.484	0.999	14.791						
11/6/2016 8:30:00 PM	343800.000	19.220	16.182	43.809	663.704	798.130	0.394	542.729
1506.695	0.999	14.793						
11/6/2016 8:45:00 PM	344700.000	19.214	16.182	43.794	663.841	798.295	0.394	542.841
1506.385	0.999	14.794						
11/6/2016 9:00:00 PM	345600.000	19.219	16.181	43.806	663.735	798.175	0.394	542.759
1506.626	0.999	14.792						
11/6/2016 9:15:00 PM	346500.000	19.217	16.181	43.801	663.669	798.096	0.394	542.706
1506.775	0.999	14.792						
11/6/2016 9:30:00 PM	347400.000	19.226	16.181	43.823	663.773	798.227	0.394	542.795
1506.540	0.999	14.785						
11/6/2016 9:45:00 PM	348300.000	19.232	16.181	43.836	663.690	798.126	0.394	542.726
1506.728	0.999	14.782						
11/6/2016 10:00:00 PM	349200.000	19.230	16.181	43.832	663.676	798.110	0.394	542.715
1506.759	0.999	14.783						
11/6/2016 10:15:00 PM	350100.000	19.226	16.181	43.821	663.627	798.051	0.394	542.675
1506.870	0.999	14.788						
11/6/2016 10:30:00 PM	351000.000	19.213	16.181	43.793	663.621	798.053	0.394	542.676
1506.884	0.999	14.794						
11/6/2016 10:45:00 PM	351900.000	19.228	16.181	43.826	663.707	798.149	0.394	542.741
1506.688	0.999	14.787						
11/6/2016 11:00:00 PM	352800.000	19.229	16.180	43.828	663.667	798.111	0.394	542.716
1506.780	0.999	14.791						
11/6/2016 11:15:00 PM	353700.000	19.228	16.181	43.826	663.593	798.014	0.394	542.650
1506.948	0.999	14.789						
11/6/2016 11:30:00 PM	354600.000	19.229	16.180	43.830	663.670	798.123	0.394	542.724
1506.773	0.999	14.791						
11/6/2016 11:45:00 PM	355500.000	19.228	16.180	43.826	663.575	798.000	0.394	542.640
1506.990	0.999	14.789						
11/7/2016 12:00:00 AM	356400.000	19.223	16.180	43.815	663.564	797.995	0.394	542.636
1507.013	0.999	14.789						
11/7/2016 12:15:00 AM	357300.000	19.224	16.180	43.818	663.634	798.083	0.394	542.696
1506.855	0.999	14.785						
11/7/2016 12:30:00 AM	358200.000	19.231	16.180	43.834	663.544	797.975	0.394	542.623
1507.058	0.999	14.783						
11/7/2016 12:45:00 AM	359100.000	19.222	16.180	43.813	663.506	797.932	0.394	542.594
1507.146	0.999	14.790						
11/7/2016 1:00:00 AM	360000.000	19.221	16.181	43.811	663.576	798.000	0.394	542.640
1506.988	0.999	14.790						
11/7/2016 1:15:00 AM	360900.000	19.221	16.181	43.810	663.594	798.022	0.394	542.655
1506.946	0.999	14.787						
11/7/2016 1:30:00 AM	361800.000	19.216	16.180	43.800	663.512	797.941	0.394	542.600
1507.132	0.999	14.793						
11/7/2016 1:45:00 AM	362700.000	19.219	16.180	43.807	663.480	797.897	0.394	542.570
1507.204	0.999	14.788						
11/7/2016 2:00:00 AM	363600.000	19.225	16.180	43.820	663.439	797.843	0.394	542.533
1507.297	0.999	14.787						
11/7/2016 2:15:00 AM	364500.000	19.224	16.180	43.817	663.493	797.902	0.394	542.573
1507.176	0.999	14.786						
11/7/2016 2:30:00 AM	365400.000	19.218	16.179	43.803	663.468	797.890	0.394	542.565
1507.232	0.999	14.788						
11/7/2016 2:45:00 AM	366300.000	19.226	16.180	43.821	663.469	797.884	0.394	542.561
1507.230	0.999	14.781						
11/7/2016 3:00:00 AM	367200.000	19.222	16.180	43.814	663.317	797.704	0.394	542.439
1507.574	0.999	14.787						
11/7/2016 3:15:00 AM	368100.000	19.223	16.180	43.816	663.531	797.964	0.394	542.616

1507.089	0.999	14.790						
11/7/2016 3:30:00 AM	369000.000	19.224	16.179	43.818	663.550	797.990	0.394	542.633
1507.046	0.999	14.783						
11/7/2016 3:45:00 AM	369900.000	19.229	16.179	43.828	663.397	797.810	0.394	542.511
1507.392	0.999	14.788						
11/7/2016 4:00:00 AM	370800.000	19.224	16.179	43.817	663.474	797.903	0.394	542.574
1507.218	0.999	14.788						
11/7/2016 4:15:00 AM	371700.000	19.240	16.180	43.855	663.336	797.729	0.394	542.456
1507.532	0.999	14.787						
11/7/2016 4:30:00 AM	372600.000	19.220	16.179	43.808	663.405	797.824	0.394	542.521
1507.374	0.999	14.795						
11/7/2016 4:45:00 AM	373500.000	19.226	16.179	43.821	663.381	797.798	0.394	542.503
1507.429	0.999	14.789						
11/7/2016 5:00:00 AM	374400.000	19.225	16.179	43.820	663.383	797.795	0.394	542.500
1507.424	0.999	14.790						
11/7/2016 5:15:00 AM	375300.000	19.229	16.179	43.828	663.317	797.718	0.394	542.448
1507.575	0.999	14.792						
11/7/2016 5:30:00 AM	376200.000	19.229	16.179	43.828	663.360	797.766	0.394	542.481
1507.477	0.999	14.795						
11/7/2016 5:45:00 AM	377100.000	19.224	16.179	43.818	663.468	797.895	0.394	542.569
1507.231	0.999	14.791						
11/7/2016 6:00:00 AM	378000.000	19.226	16.179	43.821	663.334	797.743	0.394	542.465
1507.537	0.999	14.795						
11/7/2016 6:15:00 AM	378900.000	19.228	16.179	43.827	663.489	797.926	0.394	542.590
1507.185	0.999	14.794						
11/7/2016 6:30:00 AM	379800.000	19.228	16.179	43.826	663.224	797.603	0.394	542.370
1507.786	0.999	14.787						
11/7/2016 6:45:00 AM	380700.000	19.229	16.179	43.828	663.446	797.872	0.394	542.553
1507.281	0.999	14.788						
11/7/2016 7:00:00 AM	381600.000	19.223	16.179	43.816	663.418	797.837	0.394	542.529
1507.346	0.999	14.799						
11/7/2016 7:15:00 AM	382500.000	19.226	16.179	43.821	663.359	797.763	0.394	542.479
1507.480	0.999	14.794						
11/7/2016 7:30:00 AM	383400.000	19.227	16.178	43.824	663.266	797.666	0.394	542.413
1507.691	0.999	14.802						
11/7/2016 7:45:00 AM	384300.000	19.229	16.179	43.828	663.399	797.820	0.394	542.518
1507.388	0.999	14.802						
11/7/2016 8:00:00 AM	385200.000	19.229	16.179	43.828	663.313	797.714	0.394	542.446
1507.584	0.999	14.801						
11/7/2016 8:15:00 AM	386100.000	19.215	16.179	43.798	663.408	797.818	0.394	542.516
1507.368	0.999	14.806						
11/7/2016 8:30:00 AM	387000.000	19.226	16.179	43.823	663.223	797.613	0.394	542.377
1507.788	0.999	14.802						
11/7/2016 8:45:00 AM	387900.000	19.228	16.179	43.827	663.384	797.798	0.394	542.503
1507.423	0.999	14.807						
11/7/2016 9:00:00 AM	388800.000	19.230	16.179	43.830	663.180	797.546	0.394	542.332
1507.887	0.999	14.800						
11/7/2016 9:15:00 AM	389700.000	19.228	16.178	43.827	663.142	797.519	0.394	542.313
1507.973	0.999	14.807						
11/7/2016 9:30:00 AM	390600.000	19.217	16.179	43.802	662.988	797.322	0.394	542.179
1508.324	0.999	14.812						
11/7/2016 9:45:00 AM	391500.000	19.233	16.178	43.838	662.897	797.223	0.394	542.111
1508.530	0.999	14.793						
11/7/2016 10:00:00 AM	392400.000	19.221	16.178	43.811	662.643	796.917	0.393	541.904
1509.108	0.999	14.800						
11/7/2016 10:15:00 AM	393300.000	19.228	16.178	43.826	662.741	797.045	0.393	541.990
1508.885	0.999	14.798						
11/7/2016 10:30:00 AM	394200.000	19.229	16.177	43.828	662.398	796.641	0.393	541.716
1509.665	0.999	14.798						
11/7/2016 10:45:00 AM	395100.000	19.229	16.178	43.830	662.408	796.643	0.393	541.717
1509.643	0.999	14.794						
11/7/2016 11:00:00 AM	396000.000	19.232	16.177	43.836	662.342	796.576	0.393	541.672
1509.793	0.999	14.795						
11/7/2016 11:15:00 AM	396900.000	19.230	16.177	43.830	662.280	796.504	0.393	541.623
1509.936	0.999	14.791						
11/7/2016 11:30:00 AM	397800.000	19.234	16.177	43.840	662.225	796.441	0.393	541.580
1510.060	0.999	14.785						
11/7/2016 11:45:00 AM	398700.000	19.222	16.177	43.813	662.146	796.355	0.393	541.521
1510.240	0.999	14.792						
11/7/2016 12:00:00 PM	399600.000	19.220	16.176	43.809	662.358	796.612	0.393	541.696
1509.757	0.999	14.787						
11/7/2016 12:15:00 PM	400500.000	19.237	16.176	43.846	662.053	796.247	0.393	541.448
1510.453	0.999	14.775						
11/7/2016 12:30:00 PM	401400.000	19.233	16.176	43.838	661.984	796.164	0.393	541.392
1510.612	0.999	14.768						
11/7/2016 12:45:00 PM	402300.000	19.233	16.176	43.838	662.007	796.195	0.393	541.413
1510.558	0.999	14.772						
11/7/2016 1:00:00 PM	403200.000	19.236	16.176	43.845	662.033	796.233	0.393	541.439
1510.499	0.999	14.771						
11/7/2016 1:15:00 PM	404100.000	19.231	16.176	43.832	661.956	796.142	0.393	541.377
1510.674	0.999	14.769						
11/7/2016 1:30:00 PM	405000.000	19.224	16.175	43.817	661.844	796.021	0.393	541.294
1510.930	0.999	14.773						
11/7/2016 1:45:00 PM	405900.000	19.233	16.175	43.839	661.856	796.025	0.393	541.297
1510.904	0.999	14.770						
11/7/2016 2:00:00 PM	406800.000	19.239	16.175	43.851	661.773	795.940	0.393	541.239
1511.092	0.999	14.765						
11/7/2016 2:15:00 PM	407700.000	19.233	16.175	43.837	661.852	796.028	0.393	541.299
1510.912	0.999	14.768						
11/7/2016 2:30:00 PM	408600.000	19.231	16.175	43.833	661.679	795.828	0.393	541.163
1511.307	0.999	14.770						
11/7/2016 2:45:00 PM	409500.000	19.229	16.175	43.830	661.734	795.893	0.393	541.208
1511.180	0.999	14.772						
11/7/2016 3:00:00 PM	410400.000	19.237	16.175	43.846	661.622	795.760	0.393	541.117
1511.437	0.999	14.772						
11/7/2016 3:15:00 PM	411300.000	19.224	16.174	43.817	661.689	795.846	0.393	541.175
1511.283	0.999	14.775						
11/7/2016 3:30:00 PM	412200.000	19.230	16.174	43.832	661.582	795.714	0.393	541.085
1511.528	0.999	14.777						
11/7/2016 3:45:00 PM	413100.000	19.226	16.174	43.822	661.516	795.647	0.393	541.040
1511.678	0.999	14.777						
11/7/2016 4:00:00 PM	414000.000	19.235	16.175	43.843	661.590	795.721	0.393	541.091
1511.510	0.999	14.779						
11/7/2016 4:15:00 PM	414900.000	19.218	16.174	43.803	661.561	795.698	0.393	541.075
1511.576	0.999	14.780						
11/7/2016 4:30:00 PM	415800.000	19.229	16.174	43.828	661.459	795.577	0.393	540.992
1511.809	0.999	14.777						
11/7/2016 4:45:00 PM	416700.000	19.222	16.174	43.812	661.357	795.450	0.393	540.906
1512.042	0.999	14.783						
11/7/2016 5:00:00 PM	417600.000	19.222	16.174	43.812	661.483	795.602	0.393	541.009
1511.755	0.999	14.786						
11/7/2016 5:15:00 PM	418500.000	19.234	16.174	43.840	661.344	795.443	0.393	540.901
1512.072	0.999	14.777						
11/7/2016 5:30:00 PM	419400.000	19.222	16.174	43.814	661.260	795.340	0.393	540.831
1512.265	0.999	14.786						
11/7/2016 5:45:00 PM	420300.000	19.224	16.174	43.817	661.314	795.408	0.393	540.877
1512.140	0.999	14.783						
11/7/2016 6:00:00 PM	421200.000	19.220	16.174	43.807	661.249	795.325	0.393	540.821
1512.290	0.999	14.790						
11/7/2016 6:15:00 PM	422100.000	19.225	16.173	43.820	661.364	795.476	0.393	540.924
1512.028	0.999	14.787						
11/7/2016 6:30:00 PM	423000.000	19.234	16.173	43.840	661.196	795.274	0.393	540.786
1512.412	0.999	14.780						
11/7/2016 6:45:00 PM	423900.000	19.224	16.173	43.817	661.287	795.390	0.393	540.865
1512.202	0.999	14.789						
11/7/2016 7:00:00 PM	424800.000	19.219	16.173	43.805	661.133	795.193	0.393	540.731
1512.555	0.999	14.792						
11/7/2016 7:15:00 PM	425700.000	19.230	16.173	43.831	661.331	795.434	0.393	540.895
1512.101	0.999	14.787						
11/7/2016 7:30:00 PM	426600.000	19.222	16.174	43.813	661.140	795.196	0.393	540.733
1512.539	0.999	14.790						
11/7/2016 7:45:00 PM	427500.000	19.224	16.174	43.817	661.058	795.100	0.392	540.668
1512.727	0.999	14.788						

11/7/2016 8:00:00 PM	428400.000	19.233	16.174	43.837	661.143	795.198	0.393	540.735
1512.531	0.999	14.787						
11/7/2016 8:15:00 PM	429300.000	19.223	16.174	43.816	661.112	795.164	0.393	540.712
1512.603	0.999	14.788						
11/7/2016 8:30:00 PM	430200.000	19.223	16.174	43.816	661.074	795.115	0.392	540.678
1512.690	0.999	14.784						
11/7/2016 8:45:00 PM	431100.000	19.230	16.173	43.832	661.112	795.167	0.393	540.713
1512.604	0.999	14.784						
11/7/2016 9:00:00 PM	432000.000	19.228	16.174	43.826	661.029	795.058	0.392	540.640
1512.792	0.999	14.783						
11/7/2016 9:15:00 PM	432900.000	19.232	16.173	43.837	661.008	795.043	0.392	540.629
1512.840	0.999	14.779						
11/7/2016 9:30:00 PM	433800.000	19.228	16.173	43.826	660.930	794.954	0.392	540.569
1513.020	0.999	14.783						
11/7/2016 9:45:00 PM	434700.000	19.227	16.173	43.824	660.908	794.928	0.392	540.551
1513.070	0.999	14.780						
11/7/2016 10:00:00 PM	435600.000	19.238	16.173	43.849	660.914	794.941	0.392	540.560
1513.057	0.999	14.779						
11/7/2016 10:15:00 PM	436500.000	19.231	16.172	43.832	660.832	794.848	0.392	540.497
1513.244	0.999	14.784						
11/7/2016 10:30:00 PM	437400.000	19.236	16.173	43.845	660.737	794.724	0.392	540.412
1513.462	0.999	14.784						
11/7/2016 10:45:00 PM	438300.000	19.230	16.173	43.830	660.776	794.768	0.392	540.442
1513.372	0.999	14.785						
11/7/2016 11:00:00 PM	439200.000	19.231	16.173	43.834	660.767	794.762	0.392	540.438
1513.393	0.999	14.780						
11/7/2016 11:15:00 PM	440100.000	19.229	16.173	43.829	660.859	794.868	0.392	540.510
1513.182	0.999	14.786						
11/7/2016 11:30:00 PM	441000.000	19.226	16.173	43.822	660.567	794.523	0.392	540.276
1513.850	0.999	14.779						
11/7/2016 11:45:00 PM	441900.000	19.229	16.172	43.828	660.637	794.615	0.392	540.338
1513.691	0.999	14.783						
11/8/2016 12:00:00 AM	442800.000	19.231	16.173	43.834	660.878	794.902	0.392	540.533
1513.139	0.999	14.776						
11/8/2016 12:15:00 AM	443700.000	19.225	16.173	43.819	660.566	794.526	0.392	540.278
1513.854	0.999	14.776						
11/8/2016 12:30:00 AM	444600.000	19.235	16.172	43.842	660.635	794.613	0.392	540.337
1513.695	0.999	14.773						
11/8/2016 12:45:00 AM	445500.000	19.231	16.173	43.834	660.583	794.546	0.392	540.291
1513.814	0.999	14.779						
11/8/2016 1:00:00 AM	446400.000	19.227	16.173	43.823	660.568	794.528	0.392	540.279
1513.848	0.999	14.776						
11/8/2016 1:15:00 AM	447300.000	19.239	16.173	43.851	660.492	794.434	0.392	540.215
1514.024	0.999	14.777						
11/8/2016 1:30:00 AM	448200.000	19.229	16.172	43.829	660.534	794.496	0.392	540.258
1513.926	0.999	14.781						
11/8/2016 1:45:00 AM	449100.000	19.227	16.172	43.824	660.554	794.522	0.392	540.275
1513.881	0.999	14.778						
11/8/2016 2:00:00 AM	450000.000	19.241	16.172	43.855	660.473	794.421	0.392	540.207
1514.066	0.999	14.778						
11/8/2016 2:15:00 AM	450900.000	19.228	16.172	43.827	660.526	794.481	0.392	540.247
1513.945	0.999	14.777						
11/8/2016 2:30:00 AM	451800.000	19.241	16.173	43.855	660.497	794.444	0.392	540.222
1514.012	0.999	14.773						
11/8/2016 2:45:00 AM	452700.000	19.231	16.173	43.833	660.429	794.355	0.392	540.162
1514.167	0.999	14.774						
11/8/2016 3:00:00 AM	453600.000	19.232	16.173	43.837	660.545	794.495	0.392	540.257
1513.901	0.999	14.772						
11/8/2016 3:15:00 AM	454500.000	19.227	16.172	43.823	660.446	794.384	0.392	540.181
1514.128	0.999	14.775						
11/8/2016 3:30:00 AM	455400.000	19.228	16.172	43.827	660.327	794.242	0.392	540.085
1514.402	0.999	14.773						
11/8/2016 3:45:00 AM	456300.000	19.228	16.173	43.826	660.425	794.352	0.392	540.160
1514.176	0.999	14.772						
11/8/2016 4:00:00 AM	457200.000	19.234	16.172	43.841	660.402	794.341	0.392	540.152
1514.229	0.999	14.774						
11/8/2016 4:15:00 AM	458100.000	19.227	16.172	43.823	660.223	794.122	0.392	540.003
1514.640	0.999	14.772						
11/8/2016 4:30:00 AM	459000.000	19.229	16.172	43.829	660.398	794.339	0.392	540.150
1514.239	0.999	14.775						
11/8/2016 4:45:00 AM	459900.000	19.238	16.171	43.849	660.336	794.274	0.392	540.107
1514.380	0.999	14.769						
11/8/2016 5:00:00 AM	460800.000	19.234	16.171	43.841	660.308	794.240	0.392	540.083
1514.445	0.999	14.773						
11/8/2016 5:15:00 AM	461700.000	19.233	16.171	43.839	660.384	794.337	0.392	540.149
1514.270	0.999	14.775						
11/8/2016 5:30:00 AM	462600.000	19.236	16.171	43.844	660.206	794.123	0.392	540.003
1514.678	0.999	14.778						
11/8/2016 5:45:00 AM	463500.000	19.231	16.171	43.834	660.331	794.266	0.392	540.101
1514.393	0.999	14.779						
11/8/2016 6:00:00 AM	464400.000	19.226	16.172	43.822	660.194	794.098	0.392	539.987
1514.707	0.999	14.782						
11/8/2016 6:15:00 AM	465300.000	19.229	16.171	43.829	660.162	794.071	0.392	539.968
1514.780	0.999	14.778						
11/8/2016 6:30:00 AM	466200.000	19.235	16.171	43.842	660.443	794.403	0.392	540.194
1514.135	0.999	14.777						
11/8/2016 6:45:00 AM	467100.000	19.231	16.171	43.834	660.078	793.964	0.392	539.895
1514.973	0.999	14.783						
11/8/2016 7:00:00 AM	468000.000	19.226	16.171	43.823	660.215	794.128	0.392	540.007
1514.658	0.999	14.791						
11/8/2016 7:15:00 AM	468900.000	19.233	16.171	43.839	660.171	794.072	0.392	539.969
1514.759	0.999	14.788						
11/8/2016 7:30:00 AM	469800.000	19.230	16.171	43.831	660.158	794.058	0.392	539.959
1514.790	0.999	14.788						
11/8/2016 7:45:00 AM	470700.000	19.235	16.171	43.843	660.139	794.035	0.392	539.944
1514.832	0.999	14.791						
11/8/2016 8:00:00 AM	471600.000	19.225	16.171	43.820	660.210	794.122	0.392	540.003
1514.670	0.999	14.800						
11/8/2016 8:15:00 AM	472500.000	19.230	16.171	43.831	660.124	794.015	0.392	539.931
1514.868	0.999	14.800						
11/8/2016 8:30:00 AM	473400.000	19.228	16.172	43.825	660.192	794.091	0.392	539.982
1514.711	0.999	14.806						
11/8/2016 8:45:00 AM	474300.000	19.237	16.172	43.848	660.335	794.258	0.392	540.095
1514.384	0.999	14.800						
11/8/2016 9:00:00 AM	475200.000	19.222	16.172	43.812	660.159	794.053	0.392	539.956
1514.786	0.999	14.807						
11/8/2016 9:15:00 AM	476100.000	19.222	16.172	43.813	660.053	793.925	0.392	539.869
1515.030	0.999	14.807						
11/8/2016 9:30:00 AM	477000.000	19.223	16.171	43.814	660.057	793.943	0.392	539.881
1515.021	0.999	14.806						
11/8/2016 9:45:00 AM	477900.000	19.234	16.171	43.839	660.075	793.965	0.392	539.896
1514.979	0.999	14.802						
11/8/2016 10:00:00 AM	478800.000	19.230	16.171	43.831	660.134	794.034	0.392	539.943
1514.843	0.999	14.800						
11/8/2016 10:15:00 AM	479700.000	19.235	16.171	43.843	660.098	793.995	0.392	539.916
1514.926	0.999	14.800						
11/8/2016 10:30:00 AM	480600.000	19.226	16.171	43.821	660.070	793.965	0.392	539.896
1514.992	0.999	14.801						
11/8/2016 10:45:00 AM	481500.000	19.231	16.171	43.833	659.988	793.861	0.392	539.826
1515.180	0.999	14.796						
11/8/2016 11:00:00 AM	482400.000	19.229	16.170	43.828	660.115	794.023	0.392	539.936
1514.887	0.999	14.797						
11/8/2016 11:15:00 AM	483300.000	19.239	16.171	43.851	660.003	793.881	0.392	539.839
1515.145	0.999	14.790						
11/8/2016 11:30:00 AM	484200.000	19.231	16.171	43.833	660.315	794.257	0.392	540.095
1514.429	0.999	14.788						
11/8/2016 11:45:00 AM	485100.000	19.228	16.171	43.827	659.962	793.835	0.392	539.808
1515.239	0.999	14.789						
11/8/2016 12:00:00 PM	486000.000	19.233	16.171	43.838	660.057	793.943	0.392	539.881
1515.021	0.999	14.781						
11/8/2016 12:15:00 PM	486900.000	19.231	16.170	43.833	660.032	793.926	0.392	539.870
1515.077	0.999	14.784						
11/8/2016 12:30:00 PM	487800.000	19.233	16.170	43.838	660.039	793.939	0.392	539.878

1515.062	0.999	14.780						
11/8/2016 12:45:00 PM	488700.000	19.231	16.170	43.832	660.033	793.929	0.392	539.872
1515.075	0.999	14.781						
11/8/2016 1:00:00 PM	489600.000	19.228	16.170	43.827	660.015	793.906	0.392	539.856
1515.116	0.999	14.780						
11/8/2016 1:15:00 PM	490500.000	19.240	16.170	43.853	660.005	793.890	0.392	539.845
1515.140	0.999	14.773						
11/8/2016 1:30:00 PM	491400.000	19.229	16.170	43.830	659.914	793.789	0.392	539.776
1515.349	0.999	14.776						
11/8/2016 1:45:00 PM	492300.000	19.234	16.169	43.840	660.024	793.931	0.392	539.873
1515.096	0.999	14.771						
11/8/2016 2:00:00 PM	493200.000	19.226	16.169	43.823	659.765	793.628	0.392	539.667
1515.690	0.999	14.775						
11/8/2016 2:15:00 PM	494100.000	19.238	16.169	43.850	659.935	793.835	0.392	539.808
1515.300	0.999	14.769						
11/8/2016 2:30:00 PM	495000.000	19.238	16.169	43.850	659.815	793.687	0.392	539.707
1515.577	0.999	14.769						
11/8/2016 2:45:00 PM	495900.000	19.233	16.169	43.837	659.728	793.591	0.392	539.642
1515.776	0.999	14.779						
11/8/2016 3:00:00 PM	496800.000	19.231	16.169	43.833	659.659	793.503	0.392	539.582
1515.935	0.999	14.776						
11/8/2016 3:15:00 PM	497700.000	19.243	16.169	43.860	659.596	793.430	0.392	539.532
1516.081	0.999	14.766						
11/8/2016 3:30:00 PM	498600.000	19.239	16.168	43.851	659.623	793.473	0.392	539.562
1516.019	0.999	14.767						
11/8/2016 3:45:00 PM	499500.000	19.237	16.169	43.847	659.553	793.379	0.392	539.498
1516.178	0.999	14.774						
11/8/2016 4:00:00 PM	500400.000	19.234	16.168	43.840	659.536	793.368	0.392	539.490
1516.217	0.999	14.767						
11/8/2016 4:15:00 PM	501300.000	19.233	16.168	43.839	659.403	793.212	0.392	539.384
1516.524	0.999	14.768						
11/8/2016 4:30:00 PM	502200.000	19.239	16.168	43.851	659.230	793.005	0.391	539.243
1516.921	0.999	14.771						
11/8/2016 4:45:00 PM	503100.000	19.234	16.168	43.840	659.540	793.382	0.392	539.500
1516.209	0.999	14.777						
11/8/2016 5:00:00 PM	504000.000	19.242	16.168	43.859	659.375	793.182	0.391	539.364
1516.587	0.999	14.771						
11/8/2016 5:15:00 PM	504900.000	19.238	16.167	43.849	659.342	793.155	0.391	539.346
1516.663	0.999	14.772						
11/8/2016 5:30:00 PM	505800.000	19.245	16.168	43.865	659.232	793.007	0.391	539.245
1516.916	0.999	14.769						
11/8/2016 5:45:00 PM	506700.000	19.232	16.167	43.836	659.200	792.977	0.391	539.224
1516.990	0.999	14.775						
11/8/2016 6:00:00 PM	507600.000	19.232	16.168	43.836	659.102	792.853	0.391	539.140
1517.215	0.999	14.777						
11/8/2016 6:15:00 PM	508500.000	19.237	16.167	43.848	659.227	793.008	0.391	539.246
1516.929	0.999	14.772						
11/8/2016 6:30:00 PM	509400.000	19.232	16.168	43.836	659.187	792.948	0.391	539.205
1517.020	0.999	14.777						
11/8/2016 6:45:00 PM	510300.000	19.227	16.168	43.823	659.048	792.781	0.391	539.091
1517.340	0.999	14.781						
11/8/2016 7:00:00 PM	511200.000	19.243	16.168	43.861	659.275	793.049	0.391	539.273
1516.818	0.999	14.781						
11/8/2016 7:15:00 PM	512100.000	19.232	16.168	43.835	658.918	792.619	0.391	538.981
1517.640	0.999	14.781						
11/8/2016 7:30:00 PM	513000.000	19.238	16.169	43.850	659.122	792.862	0.391	539.146
1517.170	0.999	14.784						
11/8/2016 7:45:00 PM	513900.000	19.232	16.168	43.835	659.036	792.761	0.391	539.078
1517.369	0.999	14.786						
11/8/2016 8:00:00 PM	514800.000	19.232	16.168	43.836	658.806	792.488	0.391	538.892
1517.898	0.999	14.786						
11/8/2016 8:15:00 PM	515700.000	19.226	16.168	43.823	658.785	792.468	0.391	538.878
1517.946	0.999	14.789						
11/8/2016 8:30:00 PM	516600.000	19.241	16.168	43.855	658.868	792.572	0.391	538.949
1517.755	0.999	14.785						
11/8/2016 8:45:00 PM	517500.000	19.223	16.168	43.815	658.507	792.132	0.391	538.650
1518.586	0.999	14.794						
11/8/2016 9:00:00 PM	518400.000	19.234	16.168	43.840	658.485	792.108	0.391	538.633
1518.639	0.999	14.789						
11/8/2016 9:15:00 PM	519300.000	19.236	16.168	43.845	658.373	791.971	0.391	538.540
1518.895	0.999	14.785						
11/8/2016 9:30:00 PM	520200.000	19.235	16.168	43.842	658.057	791.591	0.391	538.282
1519.626	0.999	14.792						
11/8/2016 9:45:00 PM	521100.000	19.232	16.169	43.835	658.077	791.603	0.391	538.290
1519.579	0.999	14.794						
11/8/2016 10:00:00 PM	522000.000	19.224	16.168	43.817	658.193	791.747	0.391	538.388
1519.312	0.999	14.797						
11/8/2016 10:15:00 PM	522900.000	19.230	16.168	43.831	657.944	791.449	0.391	538.186
1519.887	0.999	14.796						
11/8/2016 10:30:00 PM	523800.000	19.229	16.169	43.829	657.901	791.390	0.391	538.145
1519.986	0.999	14.796						
11/8/2016 10:45:00 PM	524700.000	19.228	16.168	43.827	657.667	791.120	0.390	537.962
1520.526	0.999	14.805						
11/8/2016 11:00:00 PM	525600.000	19.230	16.169	43.831	657.793	791.262	0.391	538.058
1520.234	0.999	14.799						
11/8/2016 11:15:00 PM	526500.000	19.234	16.169	43.840	657.631	791.066	0.390	537.925
1520.609	0.999	14.795						
11/8/2016 11:30:00 PM	527400.000	19.234	16.169	43.840	657.657	791.095	0.390	537.944
1520.550	0.999	14.791						
11/8/2016 11:45:00 PM	528300.000	19.234	16.168	43.839	657.669	791.122	0.390	537.963
1520.521	0.999	14.795						
11/9/2016 12:00:00 AM	529200.000	19.242	16.168	43.859	657.733	791.194	0.390	538.012
1520.374	0.999	14.784						
11/9/2016 12:15:00 AM	530100.000	19.242	16.168	43.857	657.484	790.898	0.390	537.811
1520.949	0.999	14.786						
11/9/2016 12:30:00 AM	531000.000	19.232	16.168	43.835	657.449	790.856	0.390	537.782
1521.031	0.999	14.789						
11/9/2016 12:45:00 AM	531900.000	19.231	16.168	43.834	657.380	790.774	0.390	537.726
1521.191	0.999	14.786						
11/9/2016 1:00:00 AM	532800.000	19.242	16.168	43.859	657.387	790.781	0.390	537.731
1521.174	0.999	14.781						
11/9/2016 1:15:00 AM	533700.000	19.236	16.168	43.846	657.273	790.655	0.390	537.646
1521.438	0.999	14.782						
11/9/2016 1:30:00 AM	534600.000	19.238	16.168	43.850	657.442	790.852	0.390	537.779
1521.048	0.999	14.779						
11/9/2016 1:45:00 AM	535500.000	19.234	16.167	43.840	657.349	790.753	0.390	537.712
1521.261	0.999	14.783						
11/9/2016 2:00:00 AM	536400.000	19.233	16.168	43.839	657.278	790.662	0.390	537.650
1521.425	0.999	14.782						
11/9/2016 2:15:00 AM	537300.000	19.238	16.167	43.849	657.168	790.532	0.390	537.562
1521.681	0.999	14.783						
11/9/2016 2:30:00 AM	538200.000	19.231	16.167	43.833	657.313	790.711	0.390	537.683
1521.346	0.999	14.781						
11/9/2016 2:45:00 AM	539100.000	19.240	16.167	43.854	657.048	790.390	0.390	537.465
1521.958	0.999	14.781						
11/9/2016 3:00:00 AM	540000.000	19.230	16.167	43.830	657.244	790.627	0.390	537.626
1521.505	0.999	14.781						
11/9/2016 3:15:00 AM	540900.000	19.235	16.168	43.842	657.133	790.486	0.390	537.531
1521.763	0.999	14.774						
11/9/2016 3:30:00 AM	541800.000	19.237	16.168	43.847	657.076	790.420	0.390	537.486
1521.893	0.999	14.774						
11/9/2016 3:45:00 AM	542700.000	19.236	16.167	43.845	657.264	790.657	0.390	537.647
1521.460	0.999	14.771						
11/9/2016 4:00:00 AM	543600.000	19.234	16.167	43.839	656.958	790.283	0.390	537.392
1522.167	0.999	14.772						
11/9/2016 4:15:00 AM	544500.000	19.236	16.167	43.844	657.121	790.490	0.390	537.533
1521.790	0.999	14.770						
11/9/2016 4:30:00 AM	545400.000	19.239	16.168	43.851	657.037	790.369	0.390	537.451
1521.985	0.999	14.766						
11/9/2016 4:45:00 AM	546300.000	19.246	16.168	43.867	656.925	790.231	0.390	537.357
1522.245	0.999	14.767						
11/9/2016 5:00:00 AM	547200.000	19.237	16.168	43.846	657.006	790.332	0.390	537.426
1522.057	0.999	14.771						

11/9/2016 5:15:00 AM	548100.000	19.235	16.167	43.843	657.008	790.339	0.390	537.431
1522.053	0.999	14.776						
11/9/2016 5:30:00 AM	549000.000	19.239	16.167	43.852	656.913	790.231	0.390	537.357
1522.272	0.999	14.764						
11/9/2016 5:45:00 AM	549900.000	19.231	16.168	43.834	656.953	790.271	0.390	537.384
1522.178	0.999	14.772						
11/9/2016 6:00:00 AM	550800.000	19.241	16.167	43.855	656.837	790.141	0.390	537.296
1522.447	0.999	14.764						
11/9/2016 6:15:00 AM	551700.000	19.232	16.167	43.835	656.917	790.238	0.390	537.362
1522.262	0.999	14.772						
11/9/2016 6:30:00 AM	552600.000	19.241	16.167	43.855	656.779	790.064	0.390	537.244
1522.582	0.999	14.771						
11/9/2016 6:45:00 AM	553500.000	19.237	16.167	43.846	656.786	790.075	0.390	537.251
1522.567	0.999	14.775						
11/9/2016 7:00:00 AM	554400.000	19.247	16.167	43.871	656.719	790.002	0.390	537.201
1522.721	0.999	14.770						
11/9/2016 7:15:00 AM	555300.000	19.231	16.167	43.833	656.834	790.138	0.390	537.294
1522.454	0.999	14.781						
11/9/2016 7:30:00 AM	556200.000	19.238	16.166	43.849	656.684	789.967	0.390	537.178
1522.803	0.999	14.775						
11/9/2016 7:45:00 AM	557100.000	19.237	16.167	43.847	656.909	790.222	0.390	537.351
1522.280	0.999	14.781						
11/9/2016 8:00:00 AM	558000.000	19.241	16.167	43.855	656.663	789.941	0.390	537.160
1522.850	0.999	14.776						
11/9/2016 8:15:00 AM	558900.000	19.230	16.167	43.832	656.626	789.894	0.390	537.128
1522.938	0.999	14.781						
11/9/2016 8:30:00 AM	559800.000	19.224	16.166	43.818	656.554	789.813	0.390	537.073
1523.104	0.999	14.784						
11/9/2016 8:45:00 AM	560700.000	19.234	16.167	43.839	656.802	790.102	0.390	537.269
1522.528	0.999	14.777						
11/9/2016 9:00:00 AM	561600.000	19.239	16.166	43.852	656.635	789.911	0.390	537.140
1522.917	0.999	14.769						
11/9/2016 9:15:00 AM	562500.000	19.232	16.166	43.835	656.536	789.793	0.390	537.059
1523.145	0.999	14.773						
11/9/2016 9:30:00 AM	563400.000	19.238	16.167	43.849	656.628	789.893	0.390	537.128
1522.933	0.999	14.772						
11/9/2016 9:45:00 AM	564300.000	19.232	16.167	43.835	656.400	789.616	0.390	536.939
1523.461	0.999	14.770						
11/9/2016 10:00:00 AM	565200.000	19.237	16.166	43.846	656.448	789.688	0.390	536.988
1523.350	0.999	14.765						
11/9/2016 10:15:00 AM	566100.000	19.238	16.166	43.849	656.658	789.939	0.390	537.159
1522.863	0.999	14.766						
11/9/2016 10:30:00 AM	567000.000	19.234	16.167	43.840	656.428	789.653	0.390	536.964
1523.397	0.999	14.767						
11/9/2016 10:45:00 AM	567900.000	19.239	16.166	43.851	656.507	789.757	0.390	537.034
1523.212	0.999	14.768						
11/9/2016 11:00:00 AM	568800.000	19.240	16.166	43.853	656.434	789.666	0.390	536.973
1523.383	0.999	14.760						
11/9/2016 11:15:00 AM	569700.000	19.234	16.166	43.840	656.435	789.671	0.390	536.976
1523.380	0.999	14.753						
11/9/2016 11:30:00 AM	570600.000	19.242	16.166	43.859	656.445	789.687	0.390	536.987
1523.358	0.999	14.754						
11/9/2016 11:45:00 AM	571500.000	19.242	16.166	43.858	656.280	789.484	0.390	536.849
1523.740	0.999	14.754						
11/9/2016 12:00:00 PM	572400.000	19.238	16.166	43.850	656.479	789.733	0.390	537.019
1523.278	0.999	14.748						
11/9/2016 12:15:00 PM	573300.000	19.246	16.166	43.867	656.299	789.512	0.390	536.868
1523.695	0.999	14.738						
11/9/2016 12:30:00 PM	574200.000	19.251	16.166	43.880	656.620	789.901	0.390	537.133
1522.951	0.999	14.734						
11/9/2016 12:45:00 PM	575100.000	19.240	16.166	43.853	656.341	789.564	0.390	536.904
1523.599	0.999	14.740						
11/9/2016 1:00:00 PM	576000.000	19.238	16.165	43.848	656.256	789.480	0.390	536.846
1523.795	0.999	14.741						
11/9/2016 1:15:00 PM	576900.000	19.238	16.165	43.849	656.259	789.477	0.390	536.844
1523.789	0.999	14.738						
11/9/2016 1:30:00 PM	577800.000	19.238	16.165	43.850	656.347	789.584	0.390	536.917
1523.585	0.999	14.737						
11/9/2016 1:45:00 PM	578700.000	19.239	16.165	43.852	656.409	789.662	0.390	536.970
1523.440	0.999	14.738						
11/9/2016 2:00:00 PM	579600.000	19.247	16.165	43.870	656.303	789.530	0.390	536.881
1523.685	0.999	14.729						
11/9/2016 2:15:00 PM	580500.000	19.249	16.165	43.875	656.432	789.693	0.390	536.991
1523.387	0.999	14.730						
11/9/2016 2:30:00 PM	581400.000	19.247	16.165	43.870	656.215	789.430	0.390	536.813
1523.891	0.999	14.734						
11/9/2016 2:45:00 PM	582300.000	19.240	16.164	43.854	656.548	789.847	0.390	537.096
1523.118	0.999	14.734						
11/9/2016 3:00:00 PM	583200.000	19.249	16.164	43.874	656.210	789.438	0.390	536.818
1523.901	0.999	14.734						
11/9/2016 3:15:00 PM	584100.000	19.240	16.164	43.853	656.246	789.481	0.390	536.847
1523.818	0.999	14.737						
11/9/2016 3:30:00 PM	585000.000	19.244	16.165	43.864	656.420	789.680	0.390	536.982
1523.415	0.999	14.729						
11/9/2016 3:45:00 PM	585900.000	19.245	16.164	43.864	656.271	789.511	0.390	536.867
1523.760	0.999	14.731						
11/9/2016 4:00:00 PM	586800.000	19.233	16.164	43.837	656.198	789.429	0.390	536.812
1523.930	0.999	14.734						
11/9/2016 4:15:00 PM	587700.000	19.241	16.164	43.856	656.342	789.602	0.390	536.929
1523.597	0.999	14.728						
11/9/2016 4:30:00 PM	588600.000	19.247	16.164	43.870	656.208	789.444	0.390	536.822
1523.907	0.999	14.728						
11/9/2016 4:45:00 PM	589500.000	19.251	16.163	43.880	655.943	789.130	0.389	536.609
1524.522	0.999	14.721						
11/9/2016 5:00:00 PM	590400.000	19.235	16.164	43.842	656.210	789.448	0.390	536.824
1523.903	0.999	14.731						
11/9/2016 5:15:00 PM	591300.000	19.239	16.163	43.852	656.006	789.207	0.389	536.661
1524.377	0.999	14.729						
11/9/2016 5:30:00 PM	592200.000	19.236	16.164	43.844	656.091	789.305	0.390	536.728
1524.178	0.999	14.735						
11/9/2016 5:45:00 PM	593100.000	19.239	16.163	43.850	656.168	789.406	0.390	536.796
1523.999	0.999	14.728						
11/9/2016 6:00:00 PM	594000.000	19.235	16.163	43.844	656.082	789.297	0.389	536.722
1524.200	0.999	14.738						
11/9/2016 6:15:00 PM	594900.000	19.239	16.163	43.851	656.170	789.413	0.390	536.801
1523.995	0.999	14.731						
11/9/2016 6:30:00 PM	595800.000	19.237	16.163	43.847	656.110	789.341	0.390	536.752
1524.135	0.999	14.739						
11/9/2016 6:45:00 PM	596700.000	19.245	16.163	43.865	656.146	789.376	0.390	536.776
1524.051	0.999	14.732						
11/9/2016 7:00:00 PM	597600.000	19.241	16.164	43.856	655.952	789.139	0.389	536.615
1524.502	0.999	14.736						
11/9/2016 7:15:00 PM	598500.000	19.236	16.164	43.845	656.156	789.379	0.390	536.778
1524.027	0.999	14.736						
11/9/2016 7:30:00 PM	599400.000	19.247	16.163	43.870	656.010	789.215	0.389	536.666
1524.368	0.999	14.733						
11/9/2016 7:45:00 PM	600300.000	19.242	16.164	43.858	656.073	789.283	0.389	536.713
1524.221	0.999	14.737						
11/9/2016 8:00:00 PM	601200.000	19.244	16.164	43.863	656.364	789.635	0.390	536.952
1523.544	0.999	14.737						
11/9/2016 8:15:00 PM	602100.000	19.238	16.164	43.850	656.312	789.566	0.390	536.905
1523.665	0.999	14.740						
11/9/2016 8:30:00 PM	603000.000	19.246	16.164	43.868	656.153	789.376	0.390	536.776
1524.035	0.999	14.736						
11/9/2016 8:45:00 PM	603900.000	19.240	16.164	43.855	656.051	789.249	0.389	536.689
1524.272	0.999	14.741						
11/9/2016 9:00:00 PM	604800.000	19.245	16.164	43.865	656.271	789.520	0.390	536.873
1523.761	0.999	14.743						
11/9/2016 9:15:00 PM	605700.000	19.237	16.164	43.846	656.254	789.493	0.390	536.856
1523.800	0.999	14.745						
11/9/2016 9:30:00 PM	606600.000	19.238	16.164	43.849	656.017	789.203	0.389	536.658
1524.352	0.999	14.744						
11/9/2016 9:45:00 PM	607500.000	19.249	16.164	43.874	656.070	789.271	0.389	536.705

1524.228	0.999	14.740						
11/9/2016 10:00:00 PM	608400.000	19.238	16.164	43.849	655.986	789.166	0.389	536.633
1524.424	0.999	14.743						
11/9/2016 10:15:00 PM	609300.000	19.233	16.164	43.839	656.009	789.200	0.389	536.656
1524.369	0.999	14.746						
11/9/2016 10:30:00 PM	610200.000	19.248	16.164	43.871	656.086	789.296	0.389	536.721
1524.189	0.999	14.742						
11/9/2016 10:45:00 PM	611100.000	19.240	16.164	43.855	655.778	788.922	0.389	536.467
1524.906	0.999	14.740						
11/9/2016 11:00:00 PM	612000.000	19.239	16.164	43.851	656.015	789.199	0.389	536.655
1524.356	0.999	14.742						
11/9/2016 11:15:00 PM	612900.000	19.246	16.164	43.868	655.952	789.133	0.389	536.611
1524.501	0.999	14.738						
11/9/2016 11:30:00 PM	613800.000	19.245	16.164	43.866	655.867	789.032	0.389	536.542
1524.699	0.999	14.739						
11/9/2016 11:45:00 PM	614700.000	19.241	16.164	43.855	655.943	789.128	0.389	536.607
1524.524	0.999	14.741						

Report Date: 11/14/2016 8:31:34 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9D LT Test_2016-11-11_07-58-20-758-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-9D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/14/2016 6:00:31 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 7:00:00 AM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/14/2016 6:00:40 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
1/15/2016 9:46:56 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/21/2016 8:40:05 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 8:53:47 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM
2/4/2016 9:56:59 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM
2/11/2016 9:46:54 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:36:38 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 11:25:56 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:32:15 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 2:24:10 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:02:30 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM
3/24/2016 8:37:37 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM
3/31/2016 2:46:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM
4/7/2016 9:08:18 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 3:45:31 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 1:49:21 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:22:30 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:13:28 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:50:50 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 1:23:46 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM
5/26/2016 8:49:47 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:13:45 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM
6/9/2016 9:20:24 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:53:22 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:47:24 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:19:31 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:34:38 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 5:29:33 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:15:00 PM
7/21/2016 10:12:11 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/28/2016 5:56:19 PM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM
8/4/2016 2:32:07 PM	Log Download - Used Battery: 10% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:00:00 PM
8/11/2016 10:18:10 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM
8/18/2016 3:13:55 PM	Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:00:00 PM
8/25/2016 12:04:26 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:00:00 PM
9/1/2016 3:44:13 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:15:00 PM
9/8/2016 6:04:39 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:45:00 PM
9/15/2016 2:29:01 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:00:00 PM
9/22/2016 12:18:03 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:15:00 PM
10/1/2016 11:00:05 AM	Log Download - Used Battery: 13% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 4:44:07 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:30:00 PM
10/13/2016 4:03:20 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 4:28:07 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 5:00:00 PM
10/27/2016 4:52:39 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 4:04:45 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 7:53:11 AM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 812
Sensors: 2
1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time (Seconds)	Sensor: PCTD(A) 658.7ft SN#: 437458 Pressure (PSI)	Sensor: PCTD(A) 658.7ft SN#: 437458 Temperature (C)	Sensor: PCTD(A) 658.7ft SN#: 437458 Corrected Depth (ft)	Sensor: PCTD(A) 658.7ft SN#: 437458 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 658.7ft SN#: 437458 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 658.7ft SN#: 437458 Salinity (PSU)	Sensor: PCTD(A) 658.7ft SN#: 000000 Total Dissolved Solids (ppm)	Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: Baro-Adj Calc SN#: 437458 Resistivity (ohm-cm)	Corrected Water Density (g/cm3)	Barometric Pressure (PSI)
11/3/2016 12:00:00 AM	7200.000	152.250	21.104	351.541	712.318	769.587	0.380	523.319	1403.868	0.998	14.798
11/3/2016 12:15:00 AM	8100.000	152.245	21.110	351.529	712.189	769.346	0.380	523.155	1404.122	0.998	14.795
11/3/2016 12:30:00 AM	9000.000	152.251	21.111	351.544	712.999	770.212	0.381	523.744	1402.526	0.998	14.792

11/3/2016 12:45:00 AM	9900.000	152.251	21.106	351.543	713.200	770.502	0.381	523.941
1402.132	0.998	14.796						
11/3/2016 1:00:00 AM	10800.000	152.263	21.098	351.570	712.864	770.271	0.381	523.784
1402.793	0.998	14.791						
11/3/2016 1:15:00 AM	11700.000	152.246	21.108	351.531	713.110	770.374	0.381	523.854
1402.309	0.998	14.798						
11/3/2016 1:30:00 AM	12600.000	152.218	21.105	351.467	712.717	769.994	0.381	523.596
1403.081	0.998	14.794						
11/3/2016 1:45:00 AM	13500.000	152.258	21.107	351.559	712.894	770.165	0.381	523.712
1402.734	0.998	14.796						
11/3/2016 2:00:00 AM	14400.000	152.257	21.107	351.557	712.953	770.222	0.381	523.751
1402.617	0.998	14.799						
11/3/2016 2:15:00 AM	15300.000	152.254	21.107	351.550	712.976	770.242	0.381	523.765
1402.572	0.998	14.802						
11/3/2016 2:30:00 AM	16200.000	152.247	21.108	351.533	712.966	770.214	0.381	523.746
1402.592	0.998	14.807						
11/3/2016 2:45:00 AM	17100.000	152.260	21.111	351.564	712.967	770.181	0.381	523.723
1402.589	0.998	14.802						
11/3/2016 3:00:00 AM	18000.000	152.259	21.106	351.562	713.000	770.297	0.381	523.802
1402.525	0.998	14.798						
11/3/2016 3:15:00 AM	18900.000	152.263	21.105	351.570	712.675	769.962	0.381	523.574
1403.165	0.998	14.802						
11/3/2016 3:30:00 AM	19800.000	152.249	21.108	351.538	712.826	770.069	0.381	523.647
1402.867	0.998	14.803						
11/3/2016 3:45:00 AM	20700.000	152.266	21.109	351.577	712.881	770.108	0.381	523.673
1402.758	0.998	14.800						
11/3/2016 4:00:00 AM	21600.000	152.274	21.104	351.597	713.551	770.913	0.381	524.221
1401.442	0.998	14.799						
11/3/2016 4:15:00 AM	22500.000	152.270	21.109	351.587	713.420	770.704	0.381	524.078
1401.699	0.998	14.797						
11/3/2016 4:30:00 AM	23400.000	152.286	21.103	351.624	713.432	770.802	0.381	524.145
1401.675	0.998	14.795						
11/3/2016 4:45:00 AM	24300.000	152.238	21.104	351.513	713.690	771.065	0.381	524.324
1401.169	0.998	14.801						
11/3/2016 5:00:00 AM	25200.000	152.271	21.103	351.588	713.908	771.324	0.381	524.500
1400.741	0.998	14.797						
11/3/2016 5:15:00 AM	26100.000	152.272	21.115	351.592	714.310	771.564	0.381	524.664
1399.952	0.998	14.802						
11/3/2016 5:30:00 AM	27000.000	152.244	21.109	351.526	714.277	771.622	0.381	524.703
1400.016	0.998	14.799						
11/3/2016 5:45:00 AM	27900.000	152.288	21.112	351.628	713.673	770.923	0.381	524.228
1401.202	0.998	14.794						
11/3/2016 6:00:00 AM	28800.000	152.271	21.116	351.589	713.775	770.972	0.381	524.261
1401.001	0.998	14.806						
11/3/2016 6:15:00 AM	29700.000	152.292	21.115	351.639	712.789	769.918	0.381	523.544
1402.939	0.998	14.803						
11/3/2016 6:30:00 AM	30600.000	152.288	21.112	351.629	712.691	769.869	0.381	523.511
1403.133	0.998	14.799						
11/3/2016 6:45:00 AM	31500.000	152.286	21.111	351.624	712.612	769.793	0.380	523.459
1403.288	0.998	14.804						
11/3/2016 7:00:00 AM	32400.000	152.293	21.109	351.639	712.197	769.369	0.380	523.171
1404.106	0.998	14.797						
11/3/2016 7:15:00 AM	33300.000	152.297	21.106	351.650	712.342	769.581	0.380	523.315
1403.820	0.998	14.792						
11/3/2016 7:30:00 AM	34200.000	152.297	21.109	351.649	712.633	769.843	0.381	523.493
1403.246	0.998	14.799						
11/3/2016 7:45:00 AM	35100.000	152.301	21.113	351.658	713.170	770.365	0.381	523.848
1402.191	0.998	14.800						
11/3/2016 8:00:00 AM	36000.000	152.305	21.111	351.668	713.093	770.315	0.381	523.814
1402.341	0.998	14.796						
11/3/2016 8:15:00 AM	36900.000	152.301	21.109	351.659	712.953	770.193	0.381	523.731
1402.617	0.998	14.804						
11/3/2016 8:30:00 AM	37800.000	152.303	21.103	351.662	712.683	769.995	0.381	523.596
1403.149	0.998	14.807						
11/3/2016 8:45:00 AM	38700.000	152.303	21.114	351.663	713.541	770.746	0.381	524.107
1401.461	0.998	14.804						
11/3/2016 9:00:00 AM	39600.000	152.308	21.107	351.674	714.174	771.546	0.381	524.651
1400.220	0.998	14.806						
11/3/2016 9:15:00 AM	40500.000	152.270	21.107	351.586	714.213	771.580	0.381	524.675
1400.142	0.998	14.810						
11/3/2016 9:30:00 AM	41400.000	152.305	21.110	351.667	714.221	771.554	0.381	524.657
1400.126	0.998	14.809						
11/3/2016 9:45:00 AM	42300.000	152.313	21.107	351.687	714.761	772.182	0.382	525.084
1399.070	0.998	14.807						
11/3/2016 10:00:00 AM	43200.000	152.319	21.106	351.700	714.528	771.945	0.382	524.923
1399.525	0.998	14.804						
11/3/2016 10:15:00 AM	44100.000	152.277	21.108	351.603	714.403	771.770	0.382	524.804
1399.770	0.998	14.799						
11/3/2016 10:30:00 AM	45000.000	152.328	21.113	351.722	714.118	771.390	0.381	524.545
1400.329	0.998	14.803						
11/3/2016 10:45:00 AM	45900.000	152.327	21.108	351.719	713.335	770.624	0.381	524.024
1401.865	0.998	14.800						
11/3/2016 11:00:00 AM	46800.000	152.327	21.112	351.718	713.319	770.547	0.381	523.972
1401.898	0.998	14.798						
11/3/2016 11:15:00 AM	47700.000	152.328	21.116	351.721	712.715	769.817	0.381	523.475
1403.086	0.998	14.799						
11/3/2016 11:30:00 AM	48600.000	152.315	21.113	351.691	712.497	769.636	0.380	523.353
1403.515	0.998	14.798						
11/3/2016 11:45:00 AM	49500.000	152.342	21.109	351.753	712.223	769.408	0.380	523.198
1404.054	0.998	14.789						
11/3/2016 12:00:00 PM	50400.000	152.338	21.110	351.743	711.995	769.145	0.380	523.018
1404.505	0.998	14.790						
11/3/2016 12:15:00 PM	51300.000	152.339	21.116	351.745	712.009	769.056	0.380	522.958
1404.476	0.998	14.792						
11/3/2016 12:30:00 PM	52200.000	152.347	21.118	351.766	712.031	769.053	0.380	522.956
1404.434	0.998	14.784						
11/3/2016 12:45:00 PM	53100.000	152.338	21.121	351.744	711.792	768.742	0.380	522.745
1404.905	0.998	14.786						
11/3/2016 1:00:00 PM	54000.000	152.344	21.110	351.757	711.341	768.433	0.380	522.534
1405.796	0.998	14.784						
11/3/2016 1:15:00 PM	54900.000	152.354	21.106	351.781	711.358	768.518	0.380	522.592
1405.762	0.998	14.775						
11/3/2016 1:30:00 PM	55800.000	152.370	21.110	351.818	711.649	768.773	0.380	522.766
1405.187	0.998	14.775						
11/3/2016 1:45:00 PM	56700.000	152.368	21.113	351.814	712.620	769.763	0.380	523.439
1403.273	0.998	14.772						
11/3/2016 2:00:00 PM	57600.000	152.374	21.111	351.827	712.467	769.636	0.380	523.353
1403.574	0.998	14.764						
11/3/2016 2:15:00 PM	58500.000	152.367	21.114	351.811	712.450	769.569	0.380	523.307
1403.607	0.998	14.761						
11/3/2016 2:30:00 PM	59400.000	152.367	21.114	351.810	712.065	769.146	0.380	523.019
1404.365	0.998	14.759						
11/3/2016 2:45:00 PM	60300.000	152.371	21.109	351.821	711.886	769.043	0.380	522.949
1404.719	0.998	14.761						
11/3/2016 3:00:00 PM	61200.000	152.367	21.115	351.811	712.027	769.098	0.380	522.987
1404.441	0.998	14.762						
11/3/2016 3:15:00 PM	62100.000	152.346	21.120	351.763	712.265	769.269	0.380	523.103
1403.971	0.998	14.755						
11/3/2016 3:30:00 PM	63000.000	152.370	21.111	351.818	711.935	769.062	0.380	522.962
1404.623	0.998	14.760						
11/3/2016 3:45:00 PM	63900.000	152.376	21.104	351.832	711.792	769.025	0.380	522.937
1404.904	0.998	14.756						
11/3/2016 4:00:00 PM	64800.000	152.375	21.099	351.830	711.907	769.221	0.380	523.070
1404.677	0.998	14.762						
11/3/2016 4:15:00 PM	65700.000	152.358	21.104	351.790	712.520	769.797	0.380	523.462
1403.469	0.998	14.762						
11/3/2016 4:30:00 PM	66600.000	152.364	21.109	351.803	714.564	771.930	0.382	524.912
1399.455	0.998	14.759						
11/3/2016 4:45:00 PM	67500.000	152.355	21.110	351.784	713.240	770.494	0.381	523.936
1402.053	0.998	14.762						
11/3/2016 5:00:00 PM	68400.000	152.360	21.100	351.794	712.994	770.377	0.381	523.857
1402.536	0.998	14.758						
11/3/2016 5:15:00 PM	69300.000	152.363	21.113	351.802	713.037	770.222	0.381	523.751

1402.452	0.998	14.759						
11/3/2016 5:30:00 PM	70200.000	152.357	21.110	351.787	712.762	769.973	0.381	523.581
1402.992	0.998	14.761						
11/3/2016 5:45:00 PM	71100.000	152.359	21.112	351.792	712.549	769.703	0.380	523.398
1403.412	0.998	14.761						
11/3/2016 6:00:00 PM	72000.000	152.353	21.099	351.779	711.813	769.117	0.380	523.000
1404.864	0.998	14.758						
11/3/2016 6:15:00 PM	72900.000	152.351	21.113	351.775	712.213	769.331	0.380	523.145
1404.074	0.998	14.756						
11/3/2016 6:30:00 PM	73800.000	152.340	21.114	351.749	712.458	769.574	0.380	523.311
1403.591	0.998	14.760						
11/3/2016 6:45:00 PM	74700.000	152.347	21.108	351.764	712.610	769.834	0.381	523.487
1403.292	0.998	14.757						
11/3/2016 7:00:00 PM	75600.000	152.344	21.109	351.758	713.197	770.449	0.381	523.905
1402.137	0.998	14.761						
11/3/2016 7:15:00 PM	76500.000	152.339	21.111	351.745	713.371	770.610	0.381	524.015
1401.796	0.998	14.761						
11/3/2016 7:30:00 PM	77400.000	152.339	21.112	351.745	714.102	771.383	0.381	524.541
1400.361	0.998	14.759						
11/3/2016 7:45:00 PM	78300.000	152.332	21.110	351.731	713.679	770.960	0.381	524.253
1401.191	0.998	14.764						
11/3/2016 8:00:00 PM	79200.000	152.329	21.107	351.723	713.518	770.828	0.381	524.163
1401.505	0.998	14.764						
11/3/2016 8:15:00 PM	80100.000	152.341	21.102	351.750	713.469	770.856	0.381	524.182
1401.602	0.998	14.757						
11/3/2016 8:30:00 PM	81000.000	152.321	21.101	351.706	714.109	771.568	0.381	524.667
1400.345	0.998	14.768						
11/3/2016 8:45:00 PM	81900.000	152.325	21.115	351.715	715.646	773.012	0.382	525.648
1397.339	0.998	14.762						
11/3/2016 9:00:00 PM	82800.000	152.330	21.116	351.725	715.223	772.538	0.382	525.326
1398.165	0.998	14.762						
11/3/2016 9:15:00 PM	83700.000	152.313	21.110	351.687	714.857	772.233	0.382	525.118
1398.881	0.998	14.761						
11/3/2016 9:30:00 PM	84600.000	152.312	21.110	351.685	714.593	771.948	0.382	524.925
1399.399	0.998	14.759						
11/3/2016 9:45:00 PM	85500.000	152.318	21.105	351.697	713.956	771.332	0.381	524.505
1400.647	0.998	14.764						
11/3/2016 10:00:00 PM	86400.000	152.304	21.104	351.666	714.755	772.226	0.382	525.114
1399.080	0.998	14.765						
11/3/2016 10:15:00 PM	87300.000	152.298	21.106	351.652	715.508	773.001	0.382	525.641
1397.608	0.998	14.763						
11/3/2016 10:30:00 PM	88200.000	152.299	21.104	351.653	715.038	772.521	0.382	525.314
1398.528	0.998	14.770						
11/3/2016 10:45:00 PM	89100.000	152.272	21.106	351.592	714.934	772.384	0.382	525.221
1398.730	0.998	14.763						
11/3/2016 11:00:00 PM	90000.000	152.295	21.107	351.644	715.365	772.826	0.382	525.521
1397.888	0.998	14.770						
11/3/2016 11:15:00 PM	90900.000	152.293	21.107	351.639	715.368	772.839	0.382	525.530
1397.883	0.998	14.769						
11/3/2016 11:30:00 PM	91800.000	152.258	21.103	351.560	715.459	772.994	0.382	525.636
1397.703	0.998	14.766						
11/3/2016 11:45:00 PM	92700.000	152.281	21.106	351.613	715.522	773.011	0.382	525.648
1397.581	0.998	14.771						
11/4/2016 12:00:00 AM	93600.000	152.273	21.109	351.593	716.043	773.531	0.382	526.001
1396.565	0.998	14.771						
11/4/2016 12:15:00 AM	94500.000	152.290	21.111	351.633	715.633	773.057	0.382	525.679
1397.364	0.998	14.764						
11/4/2016 12:30:00 AM	95400.000	152.272	21.113	351.591	715.672	773.068	0.382	525.686
1397.288	0.998	14.768						
11/4/2016 12:45:00 AM	96300.000	152.272	21.114	351.590	715.107	772.447	0.382	525.264
1398.393	0.998	14.765						
11/4/2016 1:00:00 AM	97200.000	152.268	21.103	351.583	714.357	771.798	0.382	524.823
1399.861	0.998	14.768						
11/4/2016 1:15:00 AM	98100.000	152.273	21.112	351.594	715.284	772.658	0.382	525.407
1398.046	0.998	14.764						
11/4/2016 1:30:00 AM	99000.000	152.287	21.105	351.626	715.299	772.790	0.382	525.497
1398.016	0.998	14.760						
11/4/2016 1:45:00 AM	99900.000	152.275	21.104	351.599	715.368	772.888	0.382	525.564
1397.882	0.998	14.764						
11/4/2016 2:00:00 AM	100800.000	152.268	21.103	351.582	715.402	772.939	0.382	525.598
1397.815	0.998	14.770						
11/4/2016 2:15:00 AM	101700.000	152.271	21.116	351.589	715.821	773.172	0.382	525.757
1396.997	0.998	14.769						
11/4/2016 2:30:00 AM	102600.000	152.276	21.113	351.601	716.310	773.759	0.383	526.156
1396.044	0.998	14.768						
11/4/2016 2:45:00 AM	103500.000	152.276	21.111	351.600	716.862	774.378	0.383	526.577
1394.968	0.998	14.771						
11/4/2016 3:00:00 AM	104400.000	152.273	21.113	351.594	715.987	773.402	0.382	525.913
1396.674	0.998	14.766						
11/4/2016 3:15:00 AM	105300.000	152.240	21.115	351.517	715.451	772.797	0.382	525.502
1397.719	0.998	14.774						
11/4/2016 3:30:00 AM	106200.000	152.288	21.111	351.629	714.948	772.308	0.382	525.170
1398.703	0.998	14.773						
11/4/2016 3:45:00 AM	107100.000	152.293	21.110	351.639	715.408	772.828	0.382	525.523
1397.804	0.998	14.769						
11/4/2016 4:00:00 AM	108000.000	152.288	21.102	351.628	715.223	772.761	0.382	525.478
1398.164	0.998	14.774						
11/4/2016 4:15:00 AM	108900.000	152.278	21.101	351.605	716.693	774.363	0.383	526.567
1395.297	0.998	14.774						
11/4/2016 4:30:00 AM	109800.000	152.288	21.114	351.629	717.031	774.516	0.383	526.671
1394.640	0.998	14.769						
11/4/2016 4:45:00 AM	110700.000	152.245	21.112	351.528	717.225	774.767	0.383	526.842
1394.262	0.998	14.778						
11/4/2016 5:00:00 AM	111600.000	152.299	21.105	351.653	716.332	773.907	0.383	526.257
1396.000	0.998	14.769						
11/4/2016 5:15:00 AM	112500.000	152.294	21.104	351.641	716.422	774.012	0.383	526.328
1395.826	0.998	14.772						
11/4/2016 5:30:00 AM	113400.000	152.300	21.117	351.655	716.135	773.508	0.382	525.985
1396.384	0.998	14.775						
11/4/2016 5:45:00 AM	114300.000	152.261	21.109	351.565	715.008	772.408	0.382	525.238
1398.586	0.998	14.778						
11/4/2016 6:00:00 AM	115200.000	152.290	21.110	351.634	714.851	772.220	0.382	525.110
1398.894	0.998	14.778						
11/4/2016 6:15:00 AM	116100.000	152.291	21.112	351.635	715.260	772.644	0.382	525.398
1398.093	0.998	14.775						
11/4/2016 6:30:00 AM	117000.000	152.300	21.106	351.657	715.274	772.747	0.382	525.468
1398.066	0.998	14.776						
11/4/2016 6:45:00 AM	117900.000	152.300	21.111	351.657	715.410	772.809	0.382	525.510
1397.801	0.998	14.774						
11/4/2016 7:00:00 AM	118800.000	152.314	21.104	351.688	715.572	773.097	0.382	525.706
1397.484	0.998	14.774						
11/4/2016 7:15:00 AM	119700.000	152.279	21.104	351.607	715.650	773.191	0.382	525.770
1397.330	0.998	14.772						
11/4/2016 7:30:00 AM	120600.000	152.305	21.101	351.668	715.643	773.225	0.382	525.793
1397.345	0.998	14.769						
11/4/2016 7:45:00 AM	121500.000	152.314	21.110	351.689	715.743	773.191	0.382	525.770
1397.149	0.998	14.768						
11/4/2016 8:00:00 AM	122400.000	152.321	21.107	351.705	716.095	773.615	0.382	526.058
1396.462	0.998	14.774						
11/4/2016 8:15:00 AM	123300.000	152.318	21.111	351.699	716.158	773.615	0.382	526.058
1396.340	0.998	14.778						
11/4/2016 8:30:00 AM	124200.000	152.320	21.103	351.701	716.105	773.698	0.382	526.115
1396.444	0.998	14.770						
11/4/2016 8:45:00 AM	125100.000	152.312	21.112	351.684	716.512	773.986	0.383	526.310
1395.649	0.998	14.775						
11/4/2016 9:00:00 AM	126000.000	152.326	21.111	351.717	716.842	774.363	0.383	526.567
1395.007	0.998	14.771						
11/4/2016 9:15:00 AM	126900.000	152.318	21.112	351.698	716.525	773.998	0.383	526.319
1395.625	0.998	14.786						
11/4/2016 9:30:00 AM	127800.000	152.298	21.111	351.651	716.128	773.583	0.382	526.036
1396.399	0.998	14.783						
11/4/2016 9:45:00 AM	128700.000	152.314	21.115	351.689	716.141	773.541	0.382	526.008
1396.372	0.998	14.775						

11/4/2016 10:00:00 AM	129600.000	152.300	21.107	351.655	715.665	773.159	0.382	525.748
1397.301	0.998	14.780						
11/4/2016 10:15:00 AM	130500.000	152.307	21.105	351.673	715.484	772.996	0.382	525.637
1397.656	0.998	14.782						
11/4/2016 10:30:00 AM	131400.000	152.295	21.109	351.644	715.617	773.076	0.382	525.692
1397.396	0.998	14.782						
11/4/2016 10:45:00 AM	132300.000	152.294	21.099	351.641	715.859	773.492	0.382	525.975
1396.923	0.998	14.787						
11/4/2016 11:00:00 AM	133200.000	152.289	21.101	351.631	717.298	775.018	0.383	527.012
1394.121	0.998	14.785						
11/4/2016 11:15:00 AM	134100.000	152.249	21.111	351.538	717.534	775.115	0.383	527.078
1393.662	0.998	14.786						
11/4/2016 11:30:00 AM	135000.000	152.288	21.111	351.629	717.025	774.563	0.383	526.703
1394.651	0.998	14.785						
11/4/2016 11:45:00 AM	135900.000	152.289	21.109	351.632	717.253	774.835	0.383	526.888
1394.207	0.998	14.785						
11/4/2016 12:00:00 PM	136800.000	152.294	21.109	351.641	717.128	774.698	0.383	526.795
1394.451	0.998	14.790						
11/4/2016 12:15:00 PM	137700.000	152.302	21.098	351.661	716.762	774.486	0.383	526.650
1395.164	0.998	14.785						
11/4/2016 12:30:00 PM	138600.000	152.256	21.107	351.553	717.703	775.356	0.383	527.242
1393.334	0.998	14.782						
11/4/2016 12:45:00 PM	139500.000	152.268	21.109	351.582	718.329	776.000	0.384	527.680
1392.120	0.998	14.779						
11/4/2016 1:00:00 PM	140400.000	152.301	21.116	351.659	718.257	775.815	0.384	527.554
1392.259	0.998	14.773						
11/4/2016 1:15:00 PM	141300.000	152.305	21.101	351.666	717.764	775.520	0.383	527.353
1393.216	0.998	14.775						
11/4/2016 1:30:00 PM	142200.000	152.303	21.110	351.663	717.863	775.481	0.383	527.327
1393.024	0.998	14.779						
11/4/2016 1:45:00 PM	143100.000	152.309	21.105	351.677	717.672	775.346	0.383	527.236
1393.394	0.998	14.775						
11/4/2016 2:00:00 PM	144000.000	152.311	21.107	351.681	717.630	775.272	0.383	527.185
1393.475	0.998	14.778						
11/4/2016 2:15:00 PM	144900.000	152.318	21.098	351.697	717.396	775.174	0.383	527.118
1393.931	0.998	14.778						
11/4/2016 2:30:00 PM	145800.000	152.323	21.099	351.710	717.398	775.147	0.383	527.100
1393.926	0.998	14.778						
11/4/2016 2:45:00 PM	146700.000	152.325	21.112	351.714	717.480	775.040	0.383	527.027
1393.767	0.998	14.774						
11/4/2016 3:00:00 PM	147600.000	152.290	21.108	351.633	717.464	775.081	0.383	527.055
1393.798	0.998	14.778						
11/4/2016 3:15:00 PM	148500.000	152.335	21.101	351.738	717.292	775.011	0.383	527.007
1394.133	0.998	14.776						
11/4/2016 3:30:00 PM	149400.000	152.321	21.107	351.704	717.254	774.874	0.383	526.914
1394.206	0.998	14.778						
11/4/2016 3:45:00 PM	150300.000	152.334	21.114	351.735	717.590	775.126	0.383	527.086
1393.554	0.998	14.775						
11/4/2016 4:00:00 PM	151200.000	152.339	21.108	351.746	717.055	774.634	0.383	526.751
1394.592	0.998	14.777						
11/4/2016 4:15:00 PM	152100.000	152.328	21.104	351.720	717.157	774.817	0.383	526.875
1394.395	0.998	14.780						
11/4/2016 4:30:00 PM	153000.000	152.300	21.106	351.657	716.492	774.056	0.383	526.358
1395.690	0.998	14.779						
11/4/2016 4:45:00 PM	153900.000	152.342	21.113	351.753	716.658	774.138	0.383	526.414
1395.365	0.998	14.776						
11/4/2016 5:00:00 PM	154800.000	152.334	21.107	351.734	716.648	774.212	0.383	526.464
1395.385	0.998	14.778						
11/4/2016 5:15:00 PM	155700.000	152.332	21.116	351.730	716.934	774.379	0.383	526.577
1394.828	0.998	14.780						
11/4/2016 5:30:00 PM	156600.000	152.342	21.112	351.754	716.979	774.485	0.383	526.650
1394.742	0.998	14.780						
11/4/2016 5:45:00 PM	157500.000	152.347	21.105	351.764	716.176	773.743	0.383	526.145
1396.304	0.998	14.774						
11/4/2016 6:00:00 PM	158400.000	152.338	21.104	351.744	716.232	773.816	0.383	526.195
1396.195	0.998	14.777						
11/4/2016 6:15:00 PM	159300.000	152.305	21.101	351.668	716.074	773.698	0.382	526.115
1396.503	0.998	14.774						
11/4/2016 6:30:00 PM	160200.000	152.343	21.113	351.755	716.120	773.556	0.382	526.018
1396.414	0.998	14.775						
11/4/2016 6:45:00 PM	161100.000	152.342	21.096	351.752	715.994	773.686	0.382	526.106
1396.660	0.998	14.778						
11/4/2016 7:00:00 PM	162000.000	152.342	21.103	351.752	717.312	774.994	0.383	526.996
1394.093	0.998	14.775						
11/4/2016 7:15:00 PM	162900.000	152.328	21.112	351.721	717.579	775.137	0.383	527.093
1393.574	0.998	14.776						
11/4/2016 7:30:00 PM	163800.000	152.327	21.111	351.719	716.785	774.299	0.383	526.524
1395.119	0.998	14.778						
11/4/2016 7:45:00 PM	164700.000	152.328	21.105	351.720	716.826	774.438	0.383	526.618
1395.038	0.998	14.776						
11/4/2016 8:00:00 PM	165600.000	152.335	21.101	351.737	717.117	774.812	0.383	526.872
1394.473	0.998	14.781						
11/4/2016 8:15:00 PM	166500.000	152.342	21.107	351.753	717.274	774.886	0.383	526.922
1394.167	0.998	14.773						
11/4/2016 8:30:00 PM	167400.000	152.326	21.106	351.716	716.687	774.275	0.383	526.507
1395.310	0.998	14.776						
11/4/2016 8:45:00 PM	168300.000	152.304	21.108	351.665	716.914	774.488	0.383	526.652
1394.867	0.998	14.782						
11/4/2016 9:00:00 PM	169200.000	152.317	21.107	351.695	717.300	774.926	0.383	526.950
1394.117	0.998	14.781						
11/4/2016 9:15:00 PM	170100.000	152.310	21.106	351.679	717.332	774.966	0.383	526.977
1394.055	0.998	14.780						
11/4/2016 9:30:00 PM	171000.000	152.318	21.100	351.697	716.873	774.574	0.383	526.710
1394.947	0.998	14.786						
11/4/2016 9:45:00 PM	171900.000	152.298	21.103	351.650	717.212	774.887	0.383	526.923
1394.287	0.998	14.782						
11/4/2016 10:00:00 PM	172800.000	152.271	21.106	351.589	717.660	775.318	0.383	527.216
1393.417	0.998	14.784						
11/4/2016 10:15:00 PM	173700.000	152.308	21.113	351.675	718.947	776.609	0.384	528.094
1390.923	0.998	14.780						
11/4/2016 10:30:00 PM	174600.000	152.260	21.113	351.564	718.884	776.528	0.384	528.039
1391.045	0.998	14.787						
11/4/2016 10:45:00 PM	175500.000	152.303	21.103	351.662	718.023	775.770	0.384	527.524
1392.713	0.998	14.792						
11/4/2016 11:00:00 PM	176400.000	152.273	21.095	351.594	717.710	775.554	0.383	527.376
1393.321	0.998	14.792						
11/4/2016 11:15:00 PM	177300.000	152.277	21.108	351.604	717.991	775.648	0.383	527.441
1392.774	0.998	14.795						
11/4/2016 11:30:00 PM	178200.000	152.278	21.112	351.605	718.075	775.686	0.384	527.466
1392.611	0.998	14.791						
11/4/2016 11:45:00 PM	179100.000	152.274	21.108	351.596	717.785	775.425	0.383	527.289
1393.175	0.998	14.794						
11/5/2016 12:00:00 AM	180000.000	152.244	21.109	351.527	718.634	776.332	0.384	527.906
1391.529	0.998	14.795						
11/5/2016 12:15:00 AM	180900.000	152.244	21.109	351.526	718.974	776.701	0.384	528.156
1390.871	0.998	14.795						
11/5/2016 12:30:00 AM	181800.000	152.262	21.108	351.567	719.112	776.868	0.384	528.270
1390.604	0.998	14.796						
11/5/2016 12:45:00 AM	182700.000	152.228	21.109	351.489	718.524	776.207	0.384	527.821
1391.742	0.998	14.793						
11/5/2016 1:00:00 AM	183600.000	152.276	21.106	351.601	718.295	776.015	0.384	527.690
1392.186	0.998	14.781						
11/5/2016 1:15:00 AM	184500.000	152.276	21.109	351.600	718.040	775.685	0.384	527.466
1392.681	0.998	14.784						
11/5/2016 1:30:00 AM	185400.000	152.255	21.112	351.551	718.110	775.707	0.384	527.481
1392.545	0.998	14.793						
11/5/2016 1:45:00 AM	186300.000	152.266	21.112	351.578	717.952	775.548	0.383	527.373
1392.850	0.998	14.788						
11/5/2016 2:00:00 AM	187200.000	152.276	21.108	351.601	717.597	775.232	0.383	527.158
1393.539	0.998	14.785						
11/5/2016 2:15:00 AM	188100.000	152.268	21.102	351.583	717.343	775.045	0.383	527.031
1394.034	0.998	14.786						
11/5/2016 2:30:00 AM	189000.000	152.270	21.108	351.587	717.587	775.211	0.383	527.143

1393.560	0.998	14.781						
11/5/2016 2:45:00 AM	189900.000	152.279	21.108	351.608	717.265	774.874	0.383	526.914
1394.186	0.998	14.783						
11/5/2016 3:00:00 AM	190800.000	152.279	21.103	351.607	717.884	775.610	0.383	527.415
1392.983	0.998	14.781						
11/5/2016 3:15:00 AM	191700.000	152.271	21.105	351.588	718.005	775.714	0.384	527.486
1392.749	0.998	14.785						
11/5/2016 3:30:00 AM	192600.000	152.278	21.110	351.604	717.855	775.464	0.383	527.316
1393.039	0.998	14.783						
11/5/2016 3:45:00 AM	193500.000	152.264	21.110	351.572	717.676	775.281	0.383	527.191
1393.387	0.998	14.788						
11/5/2016 4:00:00 AM	194400.000	152.226	21.110	351.485	717.472	775.052	0.383	527.035
1393.782	0.998	14.789						
11/5/2016 4:15:00 AM	195300.000	152.283	21.111	351.616	717.191	774.738	0.383	526.822
1394.329	0.998	14.785						
11/5/2016 4:30:00 AM	196200.000	152.276	21.112	351.600	717.254	774.798	0.383	526.863
1394.207	0.998	14.778						
11/5/2016 4:45:00 AM	197100.000	152.246	21.110	351.532	717.055	774.602	0.383	526.729
1394.593	0.998	14.774						
11/5/2016 5:00:00 AM	198000.000	152.288	21.104	351.629	716.730	774.357	0.383	526.562
1395.225	0.998	14.773						
11/5/2016 5:15:00 AM	198900.000	152.291	21.109	351.635	718.225	775.881	0.384	527.599
1392.321	0.998	14.769						
11/5/2016 5:30:00 AM	199800.000	152.295	21.110	351.644	718.534	776.199	0.384	527.816
1391.722	0.998	14.770						
11/5/2016 5:45:00 AM	200700.000	152.289	21.113	351.629	718.325	775.926	0.384	527.630
1392.128	0.998	14.769						
11/5/2016 6:00:00 AM	201600.000	152.301	21.100	351.657	717.258	774.983	0.383	526.988
1394.198	0.998	14.767						
11/5/2016 6:15:00 AM	202500.000	152.303	21.109	351.663	717.778	775.411	0.383	527.279
1393.188	0.998	14.771						
11/5/2016 6:30:00 AM	203400.000	152.295	21.112	351.645	717.897	775.486	0.383	527.330
1392.958	0.998	14.773						
11/5/2016 6:45:00 AM	204300.000	152.303	21.114	351.662	717.703	775.236	0.383	527.161
1393.333	0.998	14.772						
11/5/2016 7:00:00 AM	205200.000	152.295	21.113	351.644	717.170	774.681	0.383	526.783
1394.369	0.998	14.771						
11/5/2016 7:15:00 AM	206100.000	152.300	21.112	351.657	717.178	774.708	0.383	526.801
1394.354	0.998	14.774						
11/5/2016 7:30:00 AM	207000.000	152.295	21.098	351.646	716.818	774.546	0.383	526.692
1395.055	0.998	14.774						
11/5/2016 7:45:00 AM	207900.000	152.319	21.106	351.700	717.163	774.790	0.383	526.857
1394.384	0.998	14.770						
11/5/2016 8:00:00 AM	208800.000	152.309	21.101	351.676	717.954	775.718	0.384	527.488
1392.847	0.998	14.773						
11/5/2016 8:15:00 AM	209700.000	152.307	21.108	351.672	718.343	776.037	0.384	527.706
1392.093	0.998	14.775						
11/5/2016 8:30:00 AM	210600.000	152.310	21.112	351.679	718.503	776.148	0.384	527.781
1391.782	0.998	14.771						
11/5/2016 8:45:00 AM	211500.000	152.318	21.099	351.697	718.387	776.220	0.384	527.830
1392.007	0.998	14.774						
11/5/2016 9:00:00 AM	212400.000	152.306	21.108	351.669	718.351	776.032	0.384	527.702
1392.077	0.998	14.769						
11/5/2016 9:15:00 AM	213300.000	152.337	21.094	351.741	718.344	776.263	0.384	527.859
1392.090	0.998	14.767						
11/5/2016 9:30:00 AM	214200.000	152.316	21.105	351.694	719.367	777.188	0.384	528.488
1390.110	0.998	14.769						
11/5/2016 9:45:00 AM	215100.000	152.312	21.109	351.684	720.179	778.001	0.385	529.041
1388.544	0.998	14.775						
11/5/2016 10:00:00 AM	216000.000	152.294	21.110	351.643	719.713	777.476	0.384	528.684
1389.442	0.998	14.786						
11/5/2016 10:15:00 AM	216900.000	152.294	21.099	351.642	719.088	776.973	0.384	528.342
1390.650	0.998	14.774						
11/5/2016 10:30:00 AM	217800.000	152.292	21.107	351.638	718.652	776.388	0.384	527.944
1391.494	0.998	14.774						
11/5/2016 10:45:00 AM	218700.000	152.225	21.102	351.484	718.576	776.376	0.384	527.936
1391.642	0.998	14.781						
11/5/2016 11:00:00 AM	219600.000	152.233	21.093	351.502	718.770	776.738	0.384	528.182
1391.266	0.998	14.779						
11/5/2016 11:15:00 AM	220500.000	152.259	21.100	351.561	720.156	778.121	0.385	529.123
1388.587	0.998	14.785						
11/5/2016 11:30:00 AM	221400.000	152.258	21.095	351.559	721.139	779.255	0.385	529.894
1386.695	0.998	14.786						
11/5/2016 11:45:00 AM	222300.000	152.216	21.103	351.462	721.500	779.527	0.385	530.078
1386.001	0.998	14.780						
11/5/2016 12:00:00 PM	223200.000	152.253	21.106	351.547	721.730	779.729	0.386	530.216
1385.559	0.998	14.786						
11/5/2016 12:15:00 PM	224100.000	152.248	21.117	351.537	721.779	779.600	0.386	530.128
1385.466	0.998	14.785						
11/5/2016 12:30:00 PM	225000.000	152.257	21.113	351.556	721.503	779.361	0.385	529.965
1385.996	0.998	14.784						
11/5/2016 12:45:00 PM	225900.000	152.260	21.112	351.563	720.439	778.225	0.385	529.193
1388.042	0.998	14.780						
11/5/2016 1:00:00 PM	226800.000	152.262	21.113	351.569	719.987	777.727	0.385	528.854
1388.914	0.998	14.778						
11/5/2016 1:15:00 PM	227700.000	152.264	21.105	351.572	720.174	778.065	0.385	529.084
1388.553	0.998	14.780						
11/5/2016 1:30:00 PM	228600.000	152.262	21.108	351.569	718.907	776.638	0.384	528.114
1391.001	0.998	14.781						
11/5/2016 1:45:00 PM	229500.000	152.258	21.111	351.560	718.931	776.617	0.384	528.100
1390.953	0.998	14.780						
11/5/2016 2:00:00 PM	230400.000	152.262	21.115	351.569	718.420	775.997	0.384	527.678
1391.944	0.998	14.778						
11/5/2016 2:15:00 PM	231300.000	152.216	21.104	351.462	718.111	775.847	0.384	527.576
1392.543	0.998	14.780						
11/5/2016 2:30:00 PM	232200.000	152.265	21.103	351.576	718.138	775.887	0.384	527.603
1392.490	0.998	14.784						
11/5/2016 2:45:00 PM	233100.000	152.258	21.108	351.560	719.054	776.799	0.384	528.223
1390.716	0.998	14.773						
11/5/2016 3:00:00 PM	234000.000	152.229	21.096	351.492	718.616	776.526	0.384	528.037
1391.564	0.998	14.773						
11/5/2016 3:15:00 PM	234900.000	152.260	21.107	351.564	718.845	776.595	0.384	528.085
1391.121	0.998	14.779						
11/5/2016 3:30:00 PM	235800.000	152.217	21.100	351.464	719.203	777.093	0.384	528.423
1390.427	0.998	14.778						
11/5/2016 3:45:00 PM	236700.000	152.254	21.097	351.550	719.774	777.753	0.385	528.872
1389.325	0.998	14.772						
11/5/2016 4:00:00 PM	237600.000	152.258	21.093	351.560	719.720	777.756	0.385	528.874
1389.430	0.998	14.775						
11/5/2016 4:15:00 PM	238500.000	152.239	21.098	351.516	719.969	777.945	0.385	529.002
1388.948	0.998	14.773						
11/5/2016 4:30:00 PM	239400.000	152.239	21.115	351.515	720.687	778.457	0.385	529.351
1387.565	0.998	14.779						
11/5/2016 4:45:00 PM	240300.000	152.247	21.103	351.533	719.953	777.854	0.385	528.941
1388.979	0.998	14.777						
11/5/2016 5:00:00 PM	241200.000	152.243	21.103	351.524	720.116	778.033	0.385	529.063
1388.665	0.998	14.774						
11/5/2016 5:15:00 PM	242100.000	152.241	21.108	351.521	720.165	777.995	0.385	529.036
1388.571	0.998	14.769						
11/5/2016 5:30:00 PM	243000.000	152.246	21.113	351.532	719.919	777.658	0.385	528.807
1389.045	0.998	14.765						
11/5/2016 5:45:00 PM	243900.000	152.240	21.110	351.517	719.754	777.525	0.384	528.717
1389.364	0.998	14.767						
11/5/2016 6:00:00 PM	244800.000	152.243	21.104	351.525	719.329	777.156	0.384	528.466
1390.185	0.998	14.767						
11/5/2016 6:15:00 PM	245700.000	152.243	21.111	351.525	719.343	777.070	0.384	528.408
1390.157	0.998	14.760						
11/5/2016 6:30:00 PM	246600.000	152.259	21.117	351.561	719.794	777.456	0.384	528.670
1389.287	0.998	14.759						
11/5/2016 6:45:00 PM	247500.000	152.253	21.099	351.547	718.867	776.744	0.384	528.186
1391.078	0.998	14.757						
11/5/2016 7:00:00 PM	248400.000	152.254	21.101	351.550	718.768	776.608	0.384	528.094
1391.270	0.998	14.767						

11/5/2016 7:15:00 PM	249300.000	152.258	21.110	351.559	720.156	777.951	0.385	529.007
1388.588	0.998	14.763						
11/5/2016 7:30:00 PM	250200.000	152.253	21.114	351.548	720.248	777.992	0.385	529.035
1388.410	0.998	14.757						
11/5/2016 7:45:00 PM	251100.000	152.248	21.111	351.537	719.947	777.723	0.385	528.852
1388.990	0.998	14.763						
11/5/2016 8:00:00 PM	252000.000	152.257	21.109	351.557	719.511	777.276	0.384	528.548
1389.833	0.998	14.759						
11/5/2016 8:15:00 PM	252900.000	152.244	21.105	351.528	718.990	776.779	0.384	528.210
1390.840	0.998	14.766						
11/5/2016 8:30:00 PM	253800.000	152.242	21.113	351.522	719.420	777.120	0.384	528.442
1390.008	0.998	14.764						
11/5/2016 8:45:00 PM	254700.000	152.251	21.111	351.543	718.383	776.032	0.384	527.702
1392.015	0.998	14.755						
11/5/2016 9:00:00 PM	255600.000	152.238	21.112	351.513	718.257	775.877	0.384	527.597
1392.260	0.998	14.764						
11/5/2016 9:15:00 PM	256500.000	152.251	21.106	351.542	718.217	775.924	0.384	527.628
1392.336	0.998	14.759						
11/5/2016 9:30:00 PM	257400.000	152.251	21.109	351.542	718.717	776.414	0.384	527.962
1391.368	0.998	14.759						
11/5/2016 9:45:00 PM	258300.000	152.236	21.108	351.508	718.567	776.277	0.384	527.868
1391.659	0.998	14.761						
11/5/2016 10:00:00 PM	259200.000	152.235	21.105	351.506	718.623	776.388	0.384	527.944
1391.550	0.998	14.767						
11/5/2016 10:15:00 PM	260100.000	152.238	21.112	351.513	718.786	776.448	0.384	527.984
1391.235	0.998	14.766						
11/5/2016 10:30:00 PM	261000.000	152.235	21.109	351.506	718.435	776.112	0.384	527.756
1391.914	0.998	14.769						
11/5/2016 10:45:00 PM	261900.000	152.232	21.114	351.498	718.443	776.042	0.384	527.709
1391.898	0.998	14.770						
11/5/2016 11:00:00 PM	262800.000	152.224	21.104	351.481	718.245	775.995	0.384	527.676
1392.283	0.998	14.774						
11/5/2016 11:15:00 PM	263700.000	152.220	21.108	351.471	718.762	776.476	0.384	528.004
1391.281	0.998	14.776						
11/5/2016 11:30:00 PM	264600.000	152.218	21.117	351.467	718.962	776.564	0.384	528.063
1390.893	0.998	14.772						
11/5/2016 11:45:00 PM	265500.000	152.222	21.112	351.475	718.981	776.650	0.384	528.122
1390.857	0.998	14.768						
11/6/2016 12:00:00 AM	266400.000	152.219	21.105	351.469	718.633	776.390	0.384	527.945
1391.531	0.998	14.769						
11/6/2016 12:15:00 AM	267300.000	152.217	21.102	351.464	718.515	776.320	0.384	527.897
1391.760	0.998	14.767						
11/6/2016 12:30:00 AM	268200.000	152.229	21.100	351.492	718.650	776.491	0.384	528.014
1391.499	0.998	14.761						
11/6/2016 12:45:00 AM	269100.000	152.214	21.113	351.458	719.450	777.142	0.384	528.456
1389.952	0.998	14.773						
11/6/2016 1:00:00 AM	270000.000	152.216	21.105	351.461	720.077	777.947	0.385	529.004
1388.740	0.998	14.772						
11/6/2016 1:15:00 AM	270900.000	152.204	21.112	351.435	720.193	777.973	0.385	529.022
1388.517	0.998	14.772						
11/6/2016 1:30:00 AM	271800.000	152.200	21.111	351.425	720.252	778.038	0.385	529.066
1388.402	0.998	14.769						
11/6/2016 1:45:00 AM	272700.000	152.163	21.101	351.341	719.871	777.799	0.385	528.903
1389.138	0.998	14.771						
11/6/2016 2:00:00 AM	273600.000	152.205	21.102	351.436	720.153	778.088	0.385	529.100
1388.594	0.998	14.773						
11/6/2016 2:15:00 AM	274500.000	152.216	21.110	351.462	720.478	778.312	0.385	529.252
1387.968	0.998	14.775						
11/6/2016 2:30:00 AM	275400.000	152.212	21.106	351.452	719.959	777.802	0.385	528.905
1388.968	0.998	14.775						
11/6/2016 2:45:00 AM	276300.000	152.213	21.099	351.454	720.024	777.994	0.385	529.036
1388.843	0.998	14.768						
11/6/2016 2:00:00 AM	277200.000	152.196	21.111	351.416	722.214	780.161	0.386	530.510
1384.632	0.998	14.775						
11/6/2016 2:15:00 AM	278100.000	152.203	21.117	351.433	722.649	780.531	0.386	530.761
1383.797	0.998	14.771						
11/6/2016 2:30:00 AM	279000.000	152.209	21.114	351.445	721.656	779.506	0.385	530.064
1385.701	0.998	14.773						
11/6/2016 2:45:00 AM	279900.000	152.211	21.107	351.451	720.534	778.414	0.385	529.321
1387.860	0.998	14.776						
11/6/2016 3:00:00 AM	280800.000	152.210	21.107	351.447	720.805	778.710	0.385	529.523
1387.337	0.998	14.773						
11/6/2016 3:15:00 AM	281700.000	152.183	21.097	351.385	720.526	778.562	0.385	529.422
1387.875	0.998	14.774						
11/6/2016 3:30:00 AM	282600.000	152.214	21.110	351.456	720.992	778.856	0.385	529.622
1386.977	0.998	14.769						
11/6/2016 3:45:00 AM	283500.000	152.179	21.112	351.377	721.019	778.855	0.385	529.621
1386.927	0.998	14.773						
11/6/2016 4:00:00 AM	284400.000	152.217	21.109	351.465	720.547	778.394	0.385	529.308
1387.834	0.998	14.767						
11/6/2016 4:15:00 AM	285300.000	152.200	21.108	351.425	720.287	778.139	0.385	529.134
1388.336	0.998	14.757						
11/6/2016 4:30:00 AM	286200.000	152.227	21.109	351.488	720.278	778.106	0.385	529.112
1388.352	0.998	14.763						
11/6/2016 4:45:00 AM	287100.000	152.239	21.115	351.515	720.347	778.084	0.385	529.097
1388.220	0.998	14.763						
11/6/2016 5:00:00 AM	288000.000	152.232	21.112	351.498	719.657	777.389	0.384	528.625
1389.552	0.998	14.770						
11/6/2016 5:15:00 AM	288900.000	152.231	21.108	351.496	719.630	777.425	0.384	528.649
1389.604	0.998	14.771						
11/6/2016 5:30:00 AM	289800.000	152.229	21.110	351.491	720.071	777.874	0.385	528.954
1388.751	0.998	14.768						
11/6/2016 5:45:00 AM	290700.000	152.200	21.104	351.424	719.830	777.706	0.385	528.840
1389.217	0.998	14.765						
11/6/2016 6:00:00 AM	291600.000	152.256	21.105	351.554	719.651	777.489	0.384	528.693
1389.562	0.998	14.764						
11/6/2016 6:15:00 AM	292500.000	152.235	21.109	351.506	719.900	777.696	0.385	528.833
1389.081	0.998	14.777						
11/6/2016 6:30:00 AM	293400.000	152.248	21.109	351.535	720.150	777.964	0.385	529.016
1388.600	0.998	14.773						
11/6/2016 6:45:00 AM	294300.000	152.226	21.106	351.484	720.419	778.305	0.385	529.247
1388.080	0.998	14.769						
11/6/2016 7:00:00 AM	295200.000	152.247	21.111	351.534	720.758	778.589	0.385	529.441
1387.428	0.998	14.771						
11/6/2016 7:15:00 AM	296100.000	152.223	21.102	351.478	720.115	778.039	0.385	529.066
1388.667	0.998	14.777						
11/6/2016 7:30:00 AM	297000.000	152.260	21.107	351.563	720.433	778.299	0.385	529.244
1388.054	0.998	14.779						
11/6/2016 7:45:00 AM	297900.000	152.261	21.114	351.566	720.870	778.661	0.385	529.490
1387.212	0.998	14.772						
11/6/2016 8:00:00 AM	298800.000	152.249	21.109	351.537	720.448	778.289	0.385	529.236
1388.026	0.998	14.783						
11/6/2016 8:15:00 AM	299700.000	152.276	21.113	351.600	720.274	778.043	0.385	529.069
1388.361	0.998	14.778						
11/6/2016 8:30:00 AM	300600.000	152.232	21.097	351.498	719.655	777.619	0.385	528.781
1389.556	0.998	14.782						
11/6/2016 8:45:00 AM	301500.000	152.264	21.093	351.572	719.686	777.726	0.385	528.854
1389.494	0.998	14.784						
11/6/2016 9:00:00 AM	302400.000	152.254	21.108	351.549	719.972	777.789	0.385	528.896
1388.943	0.998	14.790						
11/6/2016 9:15:00 AM	303300.000	152.271	21.109	351.589	720.340	778.168	0.385	529.154
1388.234	0.998	14.785						
11/6/2016 9:30:00 AM	304200.000	152.272	21.105	351.592	719.874	777.732	0.385	528.858
1389.132	0.998	14.793						
11/6/2016 9:45:00 AM	305100.000	152.276	21.106	351.600	719.715	777.547	0.384	528.732
1389.439	0.998	14.785						
11/6/2016 10:00:00 AM	306000.000	152.272	21.108	351.590	719.681	777.482	0.384	528.688
1389.504	0.998	14.783						
11/6/2016 10:15:00 AM	306900.000	152.282	21.106	351.615	719.529	777.338	0.384	528.590
1389.797	0.998	14.786						
11/6/2016 10:30:00 AM	307800.000	152.277	21.108	351.602	719.653	777.444	0.384	528.662
1389.559	0.998	14.785						
11/6/2016 10:45:00 AM	308700.000	152.224	21.105	351.481	719.947	777.809	0.385	528.910

1388.990	0.998	14.791						
11/6/2016 11:00:00 AM	309600.000	152.244	21.099	351.527	720.000	777.963	0.385	529.015
1388.890	0.998	14.795						
11/6/2016 11:15:00 AM	310500.000	152.248	21.108	351.537	720.413	778.275	0.385	529.227
1388.093	0.998	14.788						
11/6/2016 11:30:00 AM	311400.000	152.248	21.110	351.536	720.540	778.373	0.385	529.294
1387.849	0.998	14.789						
11/6/2016 11:45:00 AM	312300.000	152.241	21.108	351.521	720.767	778.656	0.385	529.486
1387.412	0.998	14.784						
11/6/2016 12:00:00 PM	313200.000	152.235	21.107	351.507	720.739	778.640	0.385	529.475
1387.465	0.998	14.783						
11/6/2016 12:15:00 PM	314100.000	152.236	21.106	351.508	719.957	777.810	0.385	528.911
1388.971	0.998	14.778						
11/6/2016 12:30:00 PM	315000.000	152.239	21.104	351.514	719.258	777.091	0.384	528.422
1390.321	0.998	14.787						
11/6/2016 12:45:00 PM	315900.000	152.231	21.110	351.496	719.446	777.190	0.384	528.489
1389.958	0.998	14.783						
11/6/2016 1:00:00 PM	316800.000	152.235	21.112	351.505	719.623	777.353	0.384	528.600
1389.616	0.998	14.782						
11/6/2016 1:15:00 PM	317700.000	152.212	21.104	351.453	719.379	777.212	0.384	528.504
1390.089	0.998	14.785						
11/6/2016 1:30:00 PM	318600.000	152.233	21.111	351.501	720.233	778.023	0.385	529.056
1388.439	0.998	14.781						
11/6/2016 1:45:00 PM	319500.000	152.241	21.094	351.519	720.150	778.207	0.385	529.181
1388.600	0.998	14.777						
11/6/2016 2:00:00 PM	320400.000	152.241	21.102	351.520	720.853	778.845	0.385	529.615
1387.245	0.998	14.775						
11/6/2016 2:15:00 PM	321300.000	152.235	21.109	351.506	720.475	778.324	0.385	529.261
1387.973	0.998	14.781						
11/6/2016 2:30:00 PM	322200.000	152.236	21.114	351.508	720.733	778.517	0.385	529.392
1387.476	0.998	14.778						
11/6/2016 2:45:00 PM	323100.000	152.211	21.105	351.451	720.782	778.709	0.385	529.522
1387.383	0.998	14.782						
11/6/2016 3:00:00 PM	324000.000	152.202	21.109	351.430	720.718	778.588	0.385	529.440
1387.505	0.998	14.778						
11/6/2016 3:15:00 PM	324900.000	152.247	21.104	351.533	720.401	778.320	0.385	529.257
1388.116	0.998	14.779						
11/6/2016 3:30:00 PM	325800.000	152.253	21.109	351.548	720.427	778.274	0.385	529.226
1388.065	0.998	14.778						
11/6/2016 3:45:00 PM	326700.000	152.207	21.106	351.441	720.564	778.467	0.385	529.357
1387.801	0.998	14.782						
11/6/2016 4:00:00 PM	327600.000	152.246	21.112	351.531	720.319	778.106	0.385	529.112
1388.274	0.998	14.785						
11/6/2016 4:15:00 PM	328500.000	152.252	21.115	351.546	720.210	777.941	0.385	529.000
1388.484	0.998	14.784						
11/6/2016 4:30:00 PM	329400.000	152.252	21.115	351.545	719.586	777.265	0.384	528.540
1389.689	0.998	14.780						
11/6/2016 4:45:00 PM	330300.000	152.258	21.111	351.560	719.377	777.101	0.384	528.429
1390.092	0.998	14.785						
11/6/2016 5:00:00 PM	331200.000	152.262	21.107	351.569	719.304	777.080	0.384	528.414
1390.233	0.998	14.785						
11/6/2016 5:15:00 PM	332100.000	152.265	21.101	351.575	719.512	777.407	0.384	528.637
1389.831	0.998	14.789						
11/6/2016 5:30:00 PM	333000.000	152.266	21.104	351.577	719.824	777.702	0.385	528.837
1389.229	0.998	14.786						
11/6/2016 5:45:00 PM	333900.000	152.250	21.104	351.540	720.269	778.169	0.385	529.155
1388.369	0.998	14.796						
11/6/2016 6:00:00 PM	334800.000	152.259	21.111	351.561	720.368	778.169	0.385	529.155
1388.179	0.998	14.796						
11/6/2016 6:15:00 PM	335700.000	152.260	21.113	351.563	720.191	777.947	0.385	529.004
1388.521	0.998	14.787						
11/6/2016 6:30:00 PM	336600.000	152.271	21.112	351.589	720.199	777.971	0.385	529.020
1388.506	0.998	14.790						
11/6/2016 6:45:00 PM	337500.000	152.223	21.104	351.478	719.832	777.706	0.385	528.840
1389.214	0.998	14.797						
11/6/2016 7:00:00 PM	338400.000	152.264	21.106	351.572	719.900	777.750	0.385	528.870
1389.083	0.998	14.796						
11/6/2016 7:15:00 PM	339300.000	152.267	21.109	351.579	720.184	778.008	0.385	529.046
1388.534	0.998	14.798						
11/6/2016 7:30:00 PM	340200.000	152.266	21.103	351.577	720.307	778.225	0.385	529.193
1388.298	0.998	14.796						
11/6/2016 7:45:00 PM	341100.000	152.249	21.110	351.537	720.745	778.589	0.385	529.440
1387.454	0.998	14.803						
11/6/2016 8:00:00 PM	342000.000	152.258	21.115	351.558	720.895	778.682	0.385	529.504
1387.164	0.998	14.794						
11/6/2016 8:15:00 PM	342900.000	152.263	21.104	351.570	720.112	778.001	0.385	529.041
1388.673	0.998	14.791						
11/6/2016 8:30:00 PM	343800.000	152.260	21.111	351.564	720.145	777.931	0.385	528.993
1388.609	0.998	14.793						
11/6/2016 8:45:00 PM	344700.000	152.246	21.110	351.531	720.345	778.161	0.385	529.150
1388.223	0.998	14.794						
11/6/2016 9:00:00 PM	345600.000	152.218	21.095	351.467	720.074	778.102	0.385	529.110
1388.747	0.998	14.792						
11/6/2016 9:15:00 PM	346500.000	152.209	21.101	351.446	720.610	778.591	0.385	529.442
1387.712	0.998	14.792						
11/6/2016 9:30:00 PM	347400.000	152.244	21.114	351.526	720.686	778.466	0.385	529.357
1387.567	0.998	14.785						
11/6/2016 9:45:00 PM	348300.000	152.249	21.104	351.538	720.931	778.884	0.385	529.641
1387.095	0.998	14.782						
11/6/2016 10:00:00 PM	349200.000	152.240	21.113	351.519	720.772	778.573	0.385	529.430
1387.402	0.998	14.783						
11/6/2016 10:15:00 PM	350100.000	152.245	21.109	351.529	720.037	777.852	0.385	528.940
1388.817	0.998	14.788						
11/6/2016 10:30:00 PM	351000.000	152.237	21.107	351.511	720.088	777.932	0.385	528.993
1388.718	0.998	14.794						
11/6/2016 10:45:00 PM	351900.000	152.241	21.109	351.520	720.285	778.120	0.385	529.122
1388.339	0.998	14.787						
11/6/2016 11:00:00 PM	352800.000	152.240	21.096	351.518	720.190	778.216	0.385	529.187
1388.523	0.998	14.791						
11/6/2016 11:15:00 PM	353700.000	152.237	21.094	351.509	720.010	778.063	0.385	529.083
1388.870	0.998	14.789						
11/6/2016 11:30:00 PM	354600.000	152.205	21.091	351.437	720.252	778.371	0.385	529.293
1388.402	0.998	14.791						
11/6/2016 11:45:00 PM	355500.000	152.232	21.100	351.499	720.990	779.025	0.385	529.737
1386.982	0.998	14.789						
11/7/2016 12:00:00 AM	356400.000	152.199	21.095	351.424	722.625	780.861	0.386	530.985
1383.844	0.998	14.789						
11/7/2016 12:15:00 AM	357300.000	152.196	21.105	351.416	724.103	782.309	0.387	531.970
1381.018	0.998	14.785						
11/7/2016 12:30:00 AM	358200.000	152.234	21.103	351.503	725.344	783.669	0.388	532.895
1378.656	0.998	14.783						
11/7/2016 12:45:00 AM	359100.000	152.226	21.110	351.485	724.973	783.167	0.387	532.553
1379.361	0.998	14.790						
11/7/2016 1:00:00 AM	360000.000	152.227	21.099	351.488	724.723	783.072	0.387	532.489
1379.837	0.998	14.790						
11/7/2016 1:15:00 AM	360900.000	152.178	21.095	351.373	724.654	783.059	0.387	532.480
1379.970	0.998	14.787						
11/7/2016 1:30:00 AM	361800.000	152.194	21.095	351.411	724.010	782.357	0.387	532.003
1381.196	0.998	14.793						
11/7/2016 1:45:00 AM	362700.000	152.226	21.094	351.486	723.217	781.523	0.387	531.435
1382.712	0.998	14.788						
11/7/2016 2:00:00 AM	363600.000	152.195	21.103	351.415	723.781	781.979	0.387	531.746
1381.633	0.998	14.787						
11/7/2016 2:15:00 AM	364500.000	152.194	21.110	351.411	724.132	782.246	0.387	531.928
1380.964	0.998	14.786						
11/7/2016 2:30:00 AM	365400.000	152.203	21.098	351.433	723.588	781.866	0.387	531.669
1382.002	0.998	14.788						
11/7/2016 2:45:00 AM	366300.000	152.240	21.094	351.517	723.019	781.313	0.386	531.293
1383.090	0.998	14.781						
11/7/2016 3:00:00 AM	367200.000	152.229	21.099	351.491	723.340	781.577	0.387	531.472
1382.477	0.998	14.787						
11/7/2016 3:15:00 AM	368100.000	152.216	21.105	351.462	723.355	781.496	0.386	531.417
1382.447	0.998	14.790						

11/7/2016 3:30:00 AM	369000.000	152.235	21.101	351.507	723.224	781.409	0.386	531.358
1382.698	0.998	14.783						
11/7/2016 3:45:00 AM	369900.000	152.238	21.100	351.512	723.097	781.296	0.386	531.282
1382.940	0.998	14.788						
11/7/2016 4:00:00 AM	370800.000	152.238	21.105	351.513	723.198	781.316	0.386	531.295
1382.748	0.998	14.788						
11/7/2016 4:15:00 AM	371700.000	152.243	21.106	351.525	722.994	781.094	0.386	531.144
1383.138	0.998	14.787						
11/7/2016 4:30:00 AM	372600.000	152.236	21.112	351.508	723.085	781.091	0.386	531.142
1382.963	0.998	14.795						
11/7/2016 4:45:00 AM	373500.000	152.248	21.109	351.535	722.248	780.240	0.386	530.563
1384.565	0.998	14.789						
11/7/2016 5:00:00 AM	374400.000	152.249	21.110	351.539	722.225	780.193	0.386	530.532
1384.610	0.998	14.790						
11/7/2016 5:15:00 AM	375300.000	152.252	21.105	351.545	722.151	780.186	0.386	530.527
1384.752	0.998	14.792						
11/7/2016 5:30:00 AM	376200.000	152.249	21.107	351.538	722.263	780.282	0.386	530.592
1384.538	0.998	14.795						
11/7/2016 5:45:00 AM	377100.000	152.249	21.105	351.538	721.955	779.985	0.386	530.390
1385.128	0.998	14.791						
11/7/2016 6:00:00 AM	378000.000	152.252	21.108	351.544	721.935	779.904	0.386	530.335
1385.166	0.998	14.795						
11/7/2016 6:15:00 AM	378900.000	152.259	21.110	351.562	721.791	779.723	0.386	530.212
1385.442	0.998	14.794						
11/7/2016 6:30:00 AM	379800.000	152.265	21.113	351.575	721.556	779.425	0.385	530.009
1385.894	0.998	14.787						
11/7/2016 6:45:00 AM	380700.000	152.268	21.114	351.582	719.413	777.085	0.384	528.418
1390.023	0.998	14.788						
11/7/2016 7:00:00 AM	381600.000	152.268	21.107	351.582	719.275	777.048	0.384	528.393
1390.289	0.998	14.799						
11/7/2016 7:15:00 AM	382500.000	152.267	21.106	351.579	719.985	777.838	0.385	528.930
1388.918	0.998	14.794						
11/7/2016 7:30:00 AM	383400.000	152.267	21.111	351.580	720.385	778.185	0.385	529.166
1388.147	0.998	14.802						
11/7/2016 7:45:00 AM	384300.000	152.248	21.102	351.536	720.258	778.192	0.385	529.170
1388.392	0.998	14.802						
11/7/2016 8:00:00 AM	385200.000	152.280	21.100	351.610	720.546	778.539	0.385	529.407
1387.837	0.998	14.801						
11/7/2016 8:15:00 AM	386100.000	152.276	21.112	351.600	720.939	778.773	0.385	529.566
1387.081	0.998	14.806						
11/7/2016 8:30:00 AM	387000.000	152.298	21.113	351.651	721.951	779.848	0.386	530.297
1385.135	0.998	14.802						
11/7/2016 8:45:00 AM	387900.000	152.286	21.108	351.623	721.784	779.752	0.386	530.231
1385.457	0.998	14.807						
11/7/2016 9:00:00 AM	388800.000	152.281	21.104	351.613	721.432	779.438	0.385	530.018
1386.132	0.998	14.800						
11/7/2016 9:15:00 AM	389700.000	152.275	21.111	351.598	721.546	779.447	0.385	530.024
1385.914	0.998	14.807						
11/7/2016 9:30:00 AM	390600.000	152.272	21.111	351.592	721.504	779.397	0.385	529.990
1385.995	0.998	14.812						
11/7/2016 9:45:00 AM	391500.000	152.269	21.109	351.583	721.348	779.263	0.385	529.898
1386.294	0.998	14.793						
11/7/2016 10:00:00 AM	392400.000	152.249	21.103	351.539	721.290	779.289	0.385	529.917
1386.404	0.998	14.800						
11/7/2016 10:15:00 AM	393300.000	152.240	21.109	351.517	721.355	779.262	0.385	529.898
1386.280	0.998	14.798						
11/7/2016 10:30:00 AM	394200.000	152.225	21.104	351.484	721.116	779.085	0.385	529.778
1386.739	0.998	14.798						
11/7/2016 10:45:00 AM	395100.000	152.210	21.111	351.448	721.283	779.157	0.385	529.827
1386.419	0.998	14.794						
11/7/2016 11:00:00 AM	396000.000	152.204	21.108	351.435	721.176	779.087	0.385	529.779
1386.624	0.998	14.795						
11/7/2016 11:15:00 AM	396900.000	152.191	21.097	351.405	720.830	778.898	0.385	529.651
1387.289	0.998	14.791						
11/7/2016 11:30:00 AM	397800.000	152.194	21.108	351.411	721.096	778.999	0.385	529.720
1386.777	0.998	14.785						
11/7/2016 11:45:00 AM	398700.000	152.188	21.102	351.398	721.055	779.063	0.385	529.763
1386.856	0.998	14.792						
11/7/2016 12:00:00 PM	399600.000	152.183	21.103	351.385	722.445	780.535	0.386	530.764
1384.189	0.998	14.787						
11/7/2016 12:15:00 PM	400500.000	152.177	21.109	351.371	722.975	781.017	0.386	531.092
1383.174	0.998	14.775						
11/7/2016 12:30:00 PM	401400.000	152.180	21.099	351.378	722.154	780.286	0.386	530.595
1384.745	0.998	14.768						
11/7/2016 12:45:00 PM	402300.000	152.163	21.101	351.339	721.958	780.056	0.386	530.438
1385.122	0.998	14.772						
11/7/2016 1:00:00 PM	403200.000	152.131	21.103	351.266	722.115	780.187	0.386	530.527
1384.821	0.998	14.771						
11/7/2016 1:15:00 PM	404100.000	152.163	21.101	351.339	722.034	780.127	0.386	530.486
1384.976	0.998	14.769						
11/7/2016 1:30:00 PM	405000.000	152.148	21.104	351.304	722.351	780.419	0.386	530.685
1384.369	0.998	14.773						
11/7/2016 1:45:00 PM	405900.000	152.148	21.115	351.306	722.501	780.414	0.386	530.681
1384.082	0.998	14.770						
11/7/2016 2:00:00 PM	406800.000	152.145	21.111	351.297	722.130	780.074	0.386	530.450
1384.792	0.998	14.765						
11/7/2016 2:15:00 PM	407700.000	152.160	21.109	351.332	721.876	779.829	0.386	530.284
1385.279	0.998	14.768						
11/7/2016 2:30:00 PM	408600.000	152.156	21.107	351.323	721.997	779.989	0.386	530.393
1385.047	0.998	14.770						
11/7/2016 2:45:00 PM	409500.000	152.146	21.109	351.301	722.453	780.448	0.386	530.705
1384.172	0.998	14.772						
11/7/2016 3:00:00 PM	410400.000	152.174	21.109	351.366	722.503	780.512	0.386	530.748
1384.077	0.998	14.772						
11/7/2016 3:15:00 PM	411300.000	152.161	21.108	351.334	722.583	780.605	0.386	530.811
1383.925	0.998	14.775						
11/7/2016 3:30:00 PM	412200.000	152.163	21.101	351.340	722.357	780.487	0.386	530.731
1384.357	0.998	14.777						
11/7/2016 3:45:00 PM	413100.000	152.159	21.115	351.329	722.676	780.594	0.386	530.804
1383.746	0.998	14.777						
11/7/2016 4:00:00 PM	414000.000	152.176	21.108	351.370	721.984	779.962	0.386	530.374
1385.073	0.998	14.779						
11/7/2016 4:15:00 PM	414900.000	152.144	21.108	351.296	722.267	780.264	0.386	530.580
1384.530	0.998	14.780						
11/7/2016 4:30:00 PM	415800.000	152.179	21.107	351.377	722.414	780.448	0.386	530.705
1384.248	0.998	14.777						
11/7/2016 4:45:00 PM	416700.000	152.171	21.105	351.357	722.326	780.388	0.386	530.664
1384.416	0.998	14.783						
11/7/2016 5:00:00 PM	417600.000	152.177	21.105	351.373	722.391	780.457	0.386	530.711
1384.292	0.998	14.786						
11/7/2016 5:15:00 PM	418500.000	152.195	21.103	351.413	721.919	779.967	0.386	530.378
1385.197	0.998	14.777						
11/7/2016 5:30:00 PM	419400.000	152.193	21.109	351.409	722.128	780.108	0.386	530.473
1384.797	0.998	14.786						
11/7/2016 5:45:00 PM	420300.000	152.190	21.114	351.401	721.873	779.747	0.386	530.228
1385.285	0.998	14.783						
11/7/2016 6:00:00 PM	421200.000	152.206	21.107	351.440	721.657	779.621	0.386	530.143
1385.701	0.998	14.790						
11/7/2016 6:15:00 PM	422100.000	152.201	21.114	351.428	721.552	779.409	0.385	529.998
1385.902	0.998	14.787						
11/7/2016 6:30:00 PM	423000.000	152.208	21.113	351.443	721.304	779.154	0.385	529.825
1386.378	0.998	14.780						
11/7/2016 6:45:00 PM	423900.000	152.199	21.110	351.422	720.408	778.234	0.385	529.199
1388.103	0.998	14.789						
11/7/2016 7:00:00 PM	424800.000	152.210	21.097	351.448	720.980	779.059	0.385	529.760
1387.001	0.998	14.792						
11/7/2016 7:15:00 PM	425700.000	152.225	21.096	351.483	722.158	780.346	0.386	530.636
1384.738	0.998	14.787						
11/7/2016 7:30:00 PM	426600.000	152.204	21.111	351.435	722.465	780.441	0.386	530.700
1384.150	0.998	14.790						
11/7/2016 7:45:00 PM	427500.000	152.202	21.112	351.430	721.197	779.058	0.385	529.759
1386.583	0.998	14.788						
11/7/2016 8:00:00 PM	428400.000	152.219	21.110	351.469	720.798	778.647	0.385	529.480

1387.352	0.998	14.787						
11/7/2016 8:15:00 PM	429300.000	152.214	21.110	351.457	720.910	778.776	0.385	529.568
1387.135	0.998	14.788						
11/7/2016 8:30:00 PM	430200.000	152.218	21.105	351.467	720.815	778.743	0.385	529.545
1387.319	0.998	14.784						
11/7/2016 8:45:00 PM	431100.000	152.187	21.108	351.395	721.034	778.944	0.385	529.682
1386.898	0.998	14.784						
11/7/2016 9:00:00 PM	432000.000	152.219	21.100	351.469	720.657	778.653	0.385	529.484
1387.622	0.998	14.783						
11/7/2016 9:15:00 PM	432900.000	152.219	21.101	351.470	721.360	779.400	0.385	529.992
1386.270	0.998	14.779						
11/7/2016 9:30:00 PM	433800.000	152.211	21.100	351.450	723.470	781.701	0.387	531.557
1382.228	0.998	14.783						
11/7/2016 9:45:00 PM	434700.000	152.216	21.110	351.461	726.220	784.502	0.388	533.462
1376.992	0.998	14.780						
11/7/2016 10:00:00 PM	435600.000	152.217	21.103	351.464	725.963	784.345	0.388	533.355
1377.480	0.998	14.779						
11/7/2016 10:15:00 PM	436500.000	152.213	21.107	351.454	725.579	783.862	0.388	533.026
1378.209	0.998	14.784						
11/7/2016 10:30:00 PM	437400.000	152.211	21.107	351.450	725.142	783.390	0.387	532.705
1379.040	0.998	14.784						
11/7/2016 10:45:00 PM	438300.000	152.231	21.108	351.496	724.419	782.594	0.387	532.164
1380.417	0.998	14.785						
11/7/2016 11:00:00 PM	439200.000	152.208	21.105	351.444	723.124	781.240	0.386	531.244
1382.889	0.998	14.780						
11/7/2016 11:15:00 PM	440100.000	152.192	21.109	351.408	723.268	781.343	0.386	531.313
1382.613	0.998	14.786						
11/7/2016 11:30:00 PM	441000.000	152.220	21.109	351.471	722.691	780.719	0.386	530.889
1383.716	0.998	14.779						
11/7/2016 11:45:00 PM	441900.000	152.207	21.106	351.441	722.184	780.214	0.386	530.545
1384.689	0.998	14.783						
11/8/2016 12:00:00 AM	442800.000	152.169	21.108	351.354	721.953	779.935	0.386	530.356
1385.131	0.998	14.776						
11/8/2016 12:15:00 AM	443700.000	152.208	21.112	351.443	721.981	779.905	0.386	530.335
1385.078	0.998	14.776						
11/8/2016 12:30:00 AM	444600.000	152.172	21.098	351.360	721.782	779.912	0.386	530.340
1385.460	0.998	14.773						
11/8/2016 12:45:00 AM	445500.000	152.195	21.109	351.413	722.117	780.085	0.386	530.458
1384.818	0.998	14.779						
11/8/2016 1:00:00 AM	446400.000	152.206	21.108	351.439	722.238	780.234	0.386	530.559
1384.585	0.998	14.776						
11/8/2016 1:15:00 AM	447300.000	152.211	21.109	351.451	721.730	779.669	0.386	530.175
1385.559	0.998	14.777						
11/8/2016 1:30:00 AM	448200.000	152.196	21.111	351.416	721.717	779.627	0.386	530.147
1385.585	0.998	14.781						
11/8/2016 1:45:00 AM	449100.000	152.204	21.110	351.435	721.443	779.342	0.385	529.952
1386.110	0.998	14.778						
11/8/2016 2:00:00 AM	450000.000	152.202	21.109	351.430	721.131	779.029	0.385	529.740
1386.710	0.998	14.778						
11/8/2016 2:15:00 AM	450900.000	152.202	21.102	351.429	720.662	778.631	0.385	529.469
1387.613	0.998	14.777						
11/8/2016 2:30:00 AM	451800.000	152.213	21.108	351.456	720.846	778.733	0.385	529.539
1387.259	0.998	14.773						
11/8/2016 2:45:00 AM	452700.000	152.166	21.113	351.346	720.906	778.722	0.385	529.531
1387.143	0.998	14.774						
11/8/2016 3:00:00 AM	453600.000	152.201	21.106	351.428	720.739	778.649	0.385	529.481
1387.464	0.998	14.772						
11/8/2016 3:15:00 AM	454500.000	152.207	21.104	351.442	721.050	779.023	0.385	529.736
1386.866	0.998	14.775						
11/8/2016 3:30:00 AM	455400.000	152.172	21.099	351.360	721.040	779.093	0.385	529.784
1386.885	0.998	14.773						
11/8/2016 3:45:00 AM	456300.000	152.214	21.095	351.458	721.451	779.599	0.386	530.128
1386.095	0.998	14.772						
11/8/2016 4:00:00 AM	457200.000	152.214	21.108	351.458	721.921	779.902	0.386	530.333
1385.193	0.998	14.774						
11/8/2016 4:15:00 AM	458100.000	152.210	21.111	351.449	722.149	780.091	0.386	530.462
1384.756	0.998	14.772						
11/8/2016 4:30:00 AM	459000.000	152.213	21.102	351.455	722.122	780.203	0.386	530.538
1384.808	0.998	14.775						
11/8/2016 4:45:00 AM	459900.000	152.185	21.098	351.391	722.254	780.418	0.386	530.684
1384.554	0.998	14.769						
11/8/2016 5:00:00 AM	460800.000	152.226	21.112	351.485	722.330	780.270	0.386	530.583
1384.409	0.998	14.773						
11/8/2016 5:15:00 AM	461700.000	152.236	21.106	351.509	721.789	779.785	0.386	530.254
1385.446	0.998	14.775						
11/8/2016 5:30:00 AM	462600.000	152.230	21.109	351.494	721.949	779.912	0.386	530.340
1385.139	0.998	14.778						
11/8/2016 5:45:00 AM	463500.000	152.225	21.106	351.482	722.059	780.083	0.386	530.457
1384.928	0.998	14.779						
11/8/2016 6:00:00 AM	464400.000	152.236	21.109	351.509	722.088	780.067	0.386	530.445
1384.873	0.998	14.782						
11/8/2016 6:15:00 AM	465300.000	152.243	21.095	351.524	721.915	780.107	0.386	530.473
1385.204	0.998	14.778						
11/8/2016 6:30:00 AM	466200.000	152.248	21.100	351.536	722.437	780.590	0.386	530.801
1384.205	0.998	14.777						
11/8/2016 6:45:00 AM	467100.000	152.210	21.105	351.449	723.069	781.191	0.386	531.210
1382.995	0.998	14.783						
11/8/2016 7:00:00 AM	468000.000	152.237	21.109	351.511	723.572	781.657	0.387	531.527
1382.032	0.998	14.791						
11/8/2016 7:15:00 AM	468900.000	152.256	21.104	351.555	723.325	781.482	0.386	531.408
1382.504	0.998	14.788						
11/8/2016 7:30:00 AM	469800.000	152.263	21.107	351.570	722.855	780.920	0.386	531.026
1383.403	0.998	14.788						
11/8/2016 7:45:00 AM	470700.000	152.256	21.109	351.554	722.425	780.418	0.386	530.684
1384.226	0.998	14.791						
11/8/2016 8:00:00 AM	471600.000	152.247	21.103	351.533	721.652	779.688	0.386	530.188
1385.709	0.998	14.800						
11/8/2016 8:15:00 AM	472500.000	152.266	21.109	351.578	721.584	779.519	0.385	530.073
1385.841	0.998	14.800						
11/8/2016 8:30:00 AM	473400.000	152.252	21.111	351.545	721.783	779.706	0.386	530.200
1385.458	0.998	14.806						
11/8/2016 8:45:00 AM	474300.000	152.274	21.103	351.596	721.585	779.613	0.386	530.137
1385.839	0.998	14.800						
11/8/2016 9:00:00 AM	475200.000	152.259	21.096	351.561	721.312	779.438	0.385	530.018
1386.363	0.998	14.807						
11/8/2016 9:15:00 AM	476100.000	152.245	21.110	351.530	721.680	779.597	0.386	530.126
1385.655	0.998	14.807						
11/8/2016 9:30:00 AM	477000.000	152.242	21.106	351.523	721.919	779.930	0.386	530.352
1385.198	0.998	14.806						
11/8/2016 9:45:00 AM	477900.000	152.230	21.104	351.493	721.834	779.872	0.386	530.313
1385.361	0.998	14.802						
11/8/2016 10:00:00 AM	478800.000	152.187	21.108	351.394	722.242	780.244	0.386	530.566
1384.578	0.998	14.800						
11/8/2016 10:15:00 AM	479700.000	152.169	21.103	351.354	721.798	779.849	0.386	530.297
1385.429	0.998	14.800						
11/8/2016 10:30:00 AM	480600.000	152.198	21.101	351.420	721.745	779.811	0.386	530.271
1385.532	0.998	14.801						
11/8/2016 10:45:00 AM	481500.000	152.172	21.108	351.360	722.026	780.018	0.386	530.412
1384.991	0.998	14.796						
11/8/2016 11:00:00 AM	482400.000	152.158	21.107	351.327	722.809	780.871	0.386	530.992
1383.491	0.998	14.797						
11/8/2016 11:15:00 AM	483300.000	152.150	21.094	351.310	722.556	780.810	0.386	530.951
1383.976	0.998	14.790						
11/8/2016 11:30:00 AM	484200.000	152.132	21.106	351.267	722.732	780.800	0.386	530.944
1383.640	0.998	14.788						
11/8/2016 11:45:00 AM	485100.000	152.114	21.110	351.227	723.396	781.450	0.386	531.386
1382.369	0.998	14.789						
11/8/2016 12:00:00 PM	486000.000	152.099	21.097	351.192	722.753	780.966	0.386	531.057
1383.598	0.998	14.781						
11/8/2016 12:15:00 PM	486900.000	152.076	21.101	351.140	722.897	781.056	0.386	531.118
1383.324	0.998	14.784						
11/8/2016 12:30:00 PM	487800.000	152.054	21.102	351.087	723.255	781.429	0.386	531.372
1382.638	0.998	14.780						

11/8/2016 12:45:00 PM	488700.000	152.050	21.099	351.078	723.567	781.815	0.387	531.634	1382.042
0.998	14.781								
11/8/2016 1:00:00 PM	489600.000	151.994	21.096	350.949	724.095	782.439	0.387	532.059	1381.034
0.998	14.780								
11/8/2016 1:15:00 PM	490500.000	152.003	21.101	350.970	724.838	783.160	0.387	532.549	1379.619
0.998	14.773								
11/8/2016 1:30:00 PM	491400.000	151.982	21.091	350.921	725.151	783.667	0.388	532.893	1379.023
0.998	14.776								
11/8/2016 1:45:00 PM	492300.000	151.969	21.102	350.891	724.897	783.215	0.387	532.586	1379.507
0.998	14.771								
11/8/2016 2:00:00 PM	493200.000	151.920	21.092	350.778	724.805	783.269	0.387	532.623	1379.681
0.998	14.775								
11/8/2016 2:15:00 PM	494100.000	151.904	21.098	350.742	725.092	783.488	0.388	532.772	1379.136
0.998	14.769								
11/8/2016 2:30:00 PM	495000.000	151.932	21.095	350.807	725.607	784.087	0.388	533.179	1378.157
0.998	14.769								
11/8/2016 2:45:00 PM	495900.000	151.866	21.100	350.653	725.441	783.833	0.388	533.006	1378.472
0.998	14.779								
11/8/2016 3:00:00 PM	496800.000	151.890	21.094	350.710	725.498	783.994	0.388	533.116	1378.364
0.998	14.776								
11/8/2016 3:15:00 PM	497700.000	151.862	21.104	350.645	725.979	784.339	0.388	533.350	1377.451
0.998	14.766								
11/8/2016 3:30:00 PM	498600.000	151.879	21.108	350.684	726.237	784.553	0.388	533.496	1376.960
0.998	14.767								
11/8/2016 3:45:00 PM	499500.000	151.875	21.091	350.676	725.947	784.522	0.388	533.475	1377.512
0.998	14.774								
11/8/2016 4:00:00 PM	500400.000	151.889	21.102	350.706	726.192	784.612	0.388	533.536	1377.046
0.998	14.767								
11/8/2016 4:15:00 PM	501300.000	151.880	21.102	350.687	725.594	783.958	0.388	533.091	1378.180
0.998	14.768								
11/8/2016 4:30:00 PM	502200.000	151.883	21.092	350.693	725.798	784.345	0.388	533.354	1377.794
0.998	14.771								
11/8/2016 4:45:00 PM	503100.000	151.870	21.097	350.662	725.663	784.109	0.388	533.194	1378.051
0.998	14.777								
11/8/2016 5:00:00 PM	504000.000	151.889	21.105	350.707	726.293	784.666	0.388	533.573	1376.855
0.998	14.771								
11/8/2016 5:15:00 PM	504900.000	151.888	21.105	350.704	727.014	785.442	0.389	534.100	1375.489
0.998	14.772								
11/8/2016 5:30:00 PM	505800.000	151.908	21.100	350.751	726.569	785.047	0.388	533.832	1376.332
0.998	14.769								
11/8/2016 5:45:00 PM	506700.000	151.899	21.106	350.730	727.126	785.552	0.389	534.175	1375.277
0.998	14.775								
11/8/2016 6:00:00 PM	507600.000	151.893	21.096	350.715	727.009	785.581	0.389	534.195	1375.499
0.998	14.777								
11/8/2016 6:15:00 PM	508500.000	151.906	21.098	350.746	726.805	785.339	0.388	534.031	1375.885
0.998	14.772								
11/8/2016 6:30:00 PM	509400.000	151.903	21.105	350.739	726.934	785.361	0.388	534.046	1375.640
0.998	14.777								
11/8/2016 6:45:00 PM	510300.000	151.910	21.106	350.754	726.913	785.323	0.388	534.019	1375.681
0.998	14.781								
11/8/2016 7:00:00 PM	511200.000	151.929	21.101	350.799	726.630	785.101	0.388	533.868	1376.216
0.998	14.781								
11/8/2016 7:15:00 PM	512100.000	151.926	21.100	350.793	726.435	784.906	0.388	533.736	1376.585
0.998	14.781								
11/8/2016 7:30:00 PM	513000.000	151.937	21.110	350.817	725.191	783.389	0.387	532.705	1378.947
0.998	14.784								
11/8/2016 7:45:00 PM	513900.000	151.937	21.111	350.818	725.122	783.308	0.387	532.649	1379.077
0.998	14.786								
11/8/2016 8:00:00 PM	514800.000	151.948	21.109	350.843	725.107	783.324	0.387	532.660	1379.106
0.998	14.786								
11/8/2016 8:15:00 PM	515700.000	151.954	21.106	350.857	724.820	783.067	0.387	532.486	1379.653
0.998	14.789								
11/8/2016 8:30:00 PM	516600.000	151.958	21.115	350.867	724.896	782.996	0.387	532.437	1379.508
0.998	14.785								
11/8/2016 8:45:00 PM	517500.000	151.950	21.114	350.848	724.372	782.452	0.387	532.067	1380.507
0.998	14.794								
11/8/2016 9:00:00 PM	518400.000	151.926	21.109	350.792	723.761	781.864	0.387	531.667	1381.672
0.998	14.789								
11/8/2016 9:15:00 PM	519300.000	151.969	21.101	350.891	723.631	781.854	0.387	531.661	1381.919
0.998	14.785								
11/8/2016 9:30:00 PM	520200.000	151.973	21.105	350.900	723.679	781.845	0.387	531.654	1381.828
0.998	14.792								
11/8/2016 9:45:00 PM	521100.000	151.975	21.110	350.905	723.707	781.789	0.387	531.616	1381.775
0.998	14.794								
11/8/2016 10:00:00 PM	522000.000	151.951	21.112	350.851	723.820	781.888	0.387	531.684	1381.559
0.998	14.797								
11/8/2016 10:15:00 PM	522900.000	151.979	21.103	350.914	723.506	781.681	0.387	531.543	1382.159
0.998	14.796								
11/8/2016 10:30:00 PM	523800.000	151.949	21.103	350.846	723.136	781.290	0.386	531.277	1382.866
0.998	14.796								
11/8/2016 10:45:00 PM	524700.000	151.980	21.093	350.917	723.368	781.700	0.387	531.556	1382.423
0.998	14.805								
11/8/2016 11:00:00 PM	525600.000	151.984	21.098	350.926	724.066	782.375	0.387	532.015	1381.089
0.998	14.799								
11/8/2016 11:15:00 PM	526500.000	151.985	21.108	350.929	724.856	783.064	0.387	532.484	1379.584
0.998	14.795								
11/8/2016 11:30:00 PM	527400.000	151.992	21.109	350.946	724.096	782.229	0.387	531.915	1381.033
0.998	14.791								
11/8/2016 11:45:00 PM	528300.000	151.982	21.109	350.921	723.449	781.536	0.387	531.445	1382.268
0.998	14.795								
11/9/2016 12:00:00 AM	529200.000	151.995	21.112	350.953	723.507	781.550	0.387	531.454	1382.156
0.998	14.784								
11/9/2016 12:15:00 AM	530100.000	151.991	21.100	350.942	723.053	781.253	0.386	531.252	1383.025
0.998	14.786								
11/9/2016 12:30:00 AM	531000.000	151.987	21.107	350.933	723.897	782.045	0.387	531.790	1381.412
0.998	14.789								
11/9/2016 12:45:00 AM	531900.000	152.003	21.104	350.971	723.503	781.676	0.387	531.540	1382.164
0.998	14.786								
11/9/2016 1:00:00 AM	532800.000	151.994	21.110	350.950	723.329	781.393	0.386	531.347	1382.498
0.998	14.781								
11/9/2016 1:15:00 AM	533700.000	151.986	21.103	350.932	722.860	780.994	0.386	531.076	1383.393
0.998	14.782								
11/9/2016 1:30:00 AM	534600.000	152.009	21.108	350.984	722.397	780.413	0.386	530.681	1384.281
0.998	14.779								
11/9/2016 1:45:00 AM	535500.000	151.999	21.105	350.961	722.407	780.471	0.386	530.720	1384.260
0.998	14.783								
11/9/2016 2:00:00 AM	536400.000	152.011	21.113	350.988	723.401	781.413	0.386	531.361	1382.359
0.998	14.782								
11/9/2016 2:15:00 AM	537300.000	152.002	21.103	350.968	723.506	781.684	0.387	531.545	1382.159
0.998	14.783								
11/9/2016 2:30:00 AM	538200.000	152.002	21.109	350.969	723.148	781.211	0.386	531.224	1382.844
0.998	14.781								
11/9/2016 2:45:00 AM	539100.000	152.004	21.103	350.973	723.120	781.268	0.386	531.262	1382.897
0.998	14.781								
11/9/2016 3:00:00 AM	540000.000	151.984	21.098	350.926	723.673	781.943	0.387	531.721	1381.839
0.998	14.781								
11/9/2016 3:15:00 AM	540900.000	152.016	21.100	351.001	723.405	781.635	0.387	531.512	1382.351
0.998	14.774								
11/9/2016 3:30:00 AM	541800.000	152.020	21.094	351.010	723.706	782.055	0.387	531.798	1381.777
0.998	14.774								
11/9/2016 3:45:00 AM	542700.000	152.017	21.105	351.002	724.054	782.247	0.387	531.928	1381.113
0.998	14.771								
11/9/2016 4:00:00 AM	543600.000	152.011	21.114	350.989	724.613	782.704	0.387	532.239	1380.046
0.998	14.772								
11/9/2016 4:15:00 AM	544500.000	151.975	21.107	350.906	724.350	782.542	0.387	532.129	1380.548
0.998	14.770								
11/9/2016 4:30:00 AM	545400.000	152.001	21.106	350.965	724.308	782.509	0.387	532.106	1380.628
0.998	14.766								
11/9/2016 4:45:00 AM	546300.000	152.043	21.110	351.062	724.006	782.117	0.387	531.840	1381.204
0.998	14.767								
11/9/2016 5:00:00 AM	547200.000	152.022	21.120	351.014	724.101	782.063	0.387	531.803	1381.023
0.998	14.771								
11/9/2016 5:15:00 AM	548100.000	152.027	21.104	351.025	723.398	781.554	0.387	531.457	

1382.364	0.998	14.776						
11/9/2016 5:30:00 AM	549000.000	152.045	21.111	351.068	723.605	781.674	0.387	531.538
1381.970	0.998	14.764						
11/9/2016 5:45:00 AM	549900.000	152.051	21.111	351.082	721.429	779.316	0.385	529.935
1386.138	0.998	14.772						
11/9/2016 6:00:00 AM	550800.000	152.015	21.108	350.997	721.395	779.331	0.385	529.945
1386.203	0.998	14.764						
11/9/2016 6:15:00 AM	551700.000	152.051	21.097	351.080	721.514	779.627	0.386	530.146
1385.974	0.998	14.772						
11/9/2016 6:30:00 AM	552600.000	152.062	21.102	351.105	721.614	779.666	0.386	530.173
1385.782	0.998	14.771						
11/9/2016 6:45:00 AM	553500.000	152.056	21.113	351.092	721.903	779.802	0.386	530.265
1385.227	0.998	14.775						
11/9/2016 7:00:00 AM	554400.000	152.071	21.108	351.128	721.539	779.476	0.385	530.044
1385.927	0.998	14.770						
11/9/2016 7:15:00 AM	555300.000	152.063	21.107	351.110	721.476	779.429	0.385	530.012
1386.048	0.998	14.781						
11/9/2016 7:30:00 AM	556200.000	152.064	21.111	351.111	721.883	779.811	0.386	530.271
1385.267	0.998	14.775						
11/9/2016 7:45:00 AM	557100.000	152.079	21.113	351.146	721.849	779.743	0.386	530.225
1385.332	0.998	14.781						
11/9/2016 8:00:00 AM	558000.000	152.079	21.109	351.146	722.034	779.997	0.386	530.398
1384.977	0.998	14.776						
11/9/2016 8:15:00 AM	558900.000	152.087	21.109	351.164	722.243	780.234	0.386	530.559
1384.576	0.998	14.781						
11/9/2016 8:30:00 AM	559800.000	152.075	21.104	351.137	721.951	780.000	0.386	530.400
1385.136	0.998	14.784						
11/9/2016 8:45:00 AM	560700.000	152.079	21.103	351.145	721.829	779.886	0.386	530.322
1385.369	0.998	14.777						
11/9/2016 9:00:00 AM	561600.000	152.087	21.103	351.164	723.235	781.397	0.386	531.350
1382.676	0.998	14.769						
11/9/2016 9:15:00 AM	562500.000	152.074	21.107	351.133	722.902	780.980	0.386	531.066
1383.313	0.998	14.773						
11/9/2016 9:30:00 AM	563400.000	152.067	21.099	351.118	722.354	780.516	0.386	530.751
1384.362	0.998	14.772						
11/9/2016 9:45:00 AM	564300.000	152.061	21.110	351.105	722.957	780.975	0.386	531.063
1383.209	0.998	14.770						
11/9/2016 10:00:00 AM	565200.000	152.049	21.105	351.076	721.715	779.724	0.386	530.213
1385.588	0.998	14.765						
11/9/2016 10:15:00 AM	566100.000	151.999	21.098	350.961	722.015	780.157	0.386	530.507
1385.012	0.998	14.766						
11/9/2016 10:30:00 AM	567000.000	152.020	21.103	351.010	722.065	780.137	0.386	530.493
1384.917	0.998	14.767						
11/9/2016 10:45:00 AM	567900.000	151.999	21.098	350.960	722.315	780.486	0.386	530.731
1384.438	0.998	14.768						
11/9/2016 11:00:00 AM	568800.000	151.984	21.110	350.926	722.927	780.950	0.386	531.046
1383.266	0.998	14.760						
11/9/2016 11:15:00 AM	569700.000	151.961	21.110	350.874	722.498	780.496	0.386	530.737
1384.086	0.998	14.753						
11/9/2016 11:30:00 AM	570600.000	151.944	21.098	350.834	721.647	779.756	0.386	530.234
1385.720	0.998	14.754						
11/9/2016 11:45:00 AM	571500.000	151.931	21.108	350.804	721.577	779.532	0.385	530.082
1385.853	0.998	14.754						
11/9/2016 12:00:00 PM	572400.000	151.885	21.096	350.697	721.947	780.120	0.386	530.482
1385.143	0.998	14.748						
11/9/2016 12:15:00 PM	573300.000	151.905	21.106	350.744	722.079	780.106	0.386	530.472
1384.890	0.998	14.738						
11/9/2016 12:30:00 PM	574200.000	151.856	21.104	350.630	723.016	781.138	0.386	531.174
1383.095	0.998	14.734						
11/9/2016 12:45:00 PM	575100.000	151.871	21.108	350.665	723.437	781.538	0.387	531.446
1382.290	0.998	14.740						
11/9/2016 1:00:00 PM	576000.000	151.859	21.105	350.637	723.574	781.732	0.387	531.577
1382.028	0.998	14.741						
11/9/2016 1:15:00 PM	576900.000	151.845	21.103	350.605	722.898	781.025	0.386	531.097
1383.320	0.998	14.738						
11/9/2016 1:30:00 PM	577800.000	151.818	21.098	350.543	722.497	780.686	0.386	530.866
1384.089	0.998	14.737						
11/9/2016 1:45:00 PM	578700.000	151.816	21.104	350.539	723.469	781.628	0.387	531.507
1382.229	0.998	14.738						
11/9/2016 2:00:00 PM	579600.000	151.817	21.096	350.542	723.737	782.052	0.387	531.796
1381.717	0.998	14.729						
11/9/2016 2:15:00 PM	580500.000	151.801	21.106	350.503	724.550	782.768	0.387	532.282
1380.167	0.998	14.730						
11/9/2016 2:30:00 PM	581400.000	151.802	21.100	350.506	724.488	782.800	0.387	532.304
1380.285	0.998	14.734						
11/9/2016 2:45:00 PM	582300.000	151.780	21.103	350.455	724.553	782.815	0.387	532.314
1380.161	0.998	14.734						
11/9/2016 3:00:00 PM	583200.000	151.786	21.107	350.469	724.584	782.783	0.387	532.292
1380.102	0.998	14.734						
11/9/2016 3:15:00 PM	584100.000	151.784	21.103	350.466	723.540	781.729	0.387	531.576
1382.094	0.998	14.737						
11/9/2016 3:30:00 PM	585000.000	151.791	21.098	350.480	722.927	781.138	0.386	531.174
1383.266	0.998	14.729						
11/9/2016 3:45:00 PM	585900.000	151.780	21.100	350.456	722.919	781.100	0.386	531.148
1383.281	0.998	14.731						
11/9/2016 4:00:00 PM	586800.000	151.771	21.101	350.434	723.192	781.387	0.386	531.343
1382.759	0.998	14.734						
11/9/2016 4:15:00 PM	587700.000	151.765	21.099	350.420	724.700	783.050	0.387	532.474
1379.881	0.998	14.728						
11/9/2016 4:30:00 PM	588600.000	151.764	21.101	350.418	727.433	785.958	0.389	534.451
1374.698	0.998	14.728						
11/9/2016 4:45:00 PM	589500.000	151.772	21.103	350.437	726.789	785.234	0.388	533.959
1375.915	0.998	14.721						
11/9/2016 5:00:00 PM	590400.000	151.771	21.109	350.435	726.029	784.325	0.388	533.341
1377.356	0.998	14.731						
11/9/2016 5:15:00 PM	591300.000	151.771	21.103	350.435	725.162	783.471	0.388	532.760
1379.003	0.998	14.729						
11/9/2016 5:30:00 PM	592200.000	151.766	21.102	350.422	725.025	783.350	0.387	532.678
1379.262	0.998	14.735						
11/9/2016 5:45:00 PM	593100.000	151.769	21.114	350.431	725.830	784.023	0.388	533.136
1377.733	0.998	14.728						
11/9/2016 6:00:00 PM	594000.000	151.733	21.098	350.348	725.018	783.406	0.387	532.716
1379.276	0.998	14.738						
11/9/2016 6:15:00 PM	594900.000	151.778	21.106	350.451	724.892	783.146	0.387	532.539
1379.515	0.998	14.731						
11/9/2016 6:30:00 PM	595800.000	151.790	21.111	350.479	725.136	783.317	0.387	532.656
1379.052	0.998	14.739						
11/9/2016 6:45:00 PM	596700.000	151.752	21.097	350.391	724.574	782.940	0.387	532.399
1380.120	0.998	14.732						
11/9/2016 7:00:00 PM	597600.000	151.802	21.107	350.507	724.586	782.791	0.387	532.298
1380.098	0.998	14.736						
11/9/2016 7:15:00 PM	598500.000	151.810	21.110	350.525	724.490	782.644	0.387	532.198
1380.282	0.998	14.736						
11/9/2016 7:30:00 PM	599400.000	151.822	21.109	350.553	724.088	782.215	0.387	531.906
1381.048	0.998	14.733						
11/9/2016 7:45:00 PM	600300.000	151.816	21.103	350.538	723.405	781.583	0.387	531.477
1382.352	0.998	14.737						
11/9/2016 8:00:00 PM	601200.000	151.779	21.104	350.452	723.463	781.621	0.387	531.502
1382.241	0.998	14.737						
11/9/2016 8:15:00 PM	602100.000	151.826	21.107	350.562	723.381	781.483	0.386	531.408
1382.398	0.998	14.740						
11/9/2016 8:30:00 PM	603000.000	151.838	21.115	350.590	723.677	781.683	0.387	531.544
1381.832	0.998	14.736						
11/9/2016 8:45:00 PM	603900.000	151.828	21.110	350.566	723.376	781.437	0.386	531.377
1382.407	0.998	14.741						
11/9/2016 9:00:00 PM	604800.000	151.836	21.112	350.585	722.383	780.338	0.386	530.630
1384.306	0.998	14.743						
11/9/2016 9:15:00 PM	605700.000	151.844	21.110	350.604	722.003	779.948	0.386	530.364
1385.036	0.998	14.745						
11/9/2016 9:30:00 PM	606600.000	151.844	21.104	350.604	722.088	780.149	0.386	530.501
1384.872	0.998	14.744						
11/9/2016 9:45:00 PM	607500.000	151.855	21.101	350.627	723.296	781.494	0.386	531.416
1382.559	0.998	14.740						

11/9/2016 10:00:00 PM	608400.000	151.856	21.105	350.630	723.797	781.966	0.387	531.737
1381.603	0.998	14.743						
11/9/2016 10:15:00 PM	609300.000	151.863	21.109	350.647	723.776	781.888	0.387	531.684
1381.642	0.998	14.746						
11/9/2016 10:30:00 PM	610200.000	151.862	21.101	350.645	723.346	781.556	0.387	531.458
1382.465	0.998	14.742						
11/9/2016 10:45:00 PM	611100.000	151.868	21.101	350.659	723.418	781.622	0.387	531.503
1382.327	0.998	14.740						
11/9/2016 11:00:00 PM	612000.000	151.867	21.109	350.656	723.489	781.578	0.387	531.473
1382.191	0.998	14.742						
11/9/2016 11:15:00 PM	612900.000	151.852	21.103	350.622	721.359	779.372	0.385	529.973
1386.272	0.998	14.738						
11/9/2016 11:30:00 PM	613800.000	151.880	21.107	350.686	721.428	779.380	0.385	529.978
1386.140	0.998	14.739						
11/9/2016 11:45:00 PM	614700.000	151.882	21.101	350.690	721.708	779.772	0.386	530.245
1385.603	0.998	14.741						

Report Date: 11/14/2016 8:31:40 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9M_2016-11-11_08-02-19-982.wsl
Create Date: 11/11/2016 8:02:10 AM

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: 812
Sensors: 1
1 - 410760: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft
Elapsed Time SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760
Date and Time Seconds Pressure (PSI) Temperature (C)
Depth (ft) Actual Conductivity (µS/cm) Specific Conductivity (µS/cm)
Total Dissolved Solids (ppm) Salinity (PSU) Resistivity (ohm-cm)
Water Density (g/cm3)
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11/3/2016 12:00:00 AM	7200.000	69.456	16.808	156.456	37821.891	44837.754	30489.676	29.138	26.440	1.021
11/3/2016 12:15:00 AM	8100.000	69.461	16.809	156.467	37795.129	44804.246	30466.889	29.114	26.458	1.021
11/3/2016 12:30:00 AM	9000.000	69.457	16.812	156.458	37815.168	44825.059	30481.043	29.129	26.444	1.021
11/3/2016 12:45:00 AM	9900.000	69.463	16.815	156.471	37823.027	44831.703	30485.559	29.134	26.439	1.021
11/3/2016 1:00:00 AM	10800.000	69.447	16.817	156.436	37813.148	44818.211	30476.385	29.124	26.446	1.021
11/3/2016 1:15:00 AM	11700.000	69.466	16.816	156.478	37817.277	44823.996	30480.320	29.128	26.443	1.021
11/3/2016 1:30:00 AM	12600.000	69.457	16.809	156.459	37764.555	44768.992	30442.914	29.088	26.480	1.021
11/3/2016 1:45:00 AM	13500.000	69.474	16.802	156.497	37811.121	44831.133	30485.172	29.133	26.447	1.021
11/3/2016 2:00:00 AM	14400.000	69.475	16.804	156.500	37797.148	44812.691	30472.631	29.120	26.457	1.021
11/3/2016 2:15:00 AM	15300.000	69.459	16.811	156.464	37797.508	44805.105	30467.475	29.115	26.457	1.021
11/3/2016 2:30:00 AM	16200.000	69.477	16.811	156.504	37803.457	44812.871	30472.754	29.120	26.453	1.021
11/3/2016 2:45:00 AM	17100.000	69.465	16.810	156.476	37817.148	44830.172	30484.520	29.133	26.443	1.021
11/3/2016 3:00:00 AM	18000.000	69.481	16.814	156.513	37820.555	44830.289	30484.598	29.133	26.441	1.021
11/3/2016 3:15:00 AM	18900.000	69.483	16.804	156.518	37780.793	44793.301				

30459.445 29.106 26.468
1.021
11/3/2016 3:30:00 AM 19800.000 69.474 16.792
156.497 37785.672 44810.750
30471.313 29.118 26.465
1.021
11/3/2016 3:45:00 AM 20700.000 69.492 16.803
156.538 37811.086 44829.309
30483.930 29.132 26.447
1.021
11/3/2016 4:00:00 AM 21600.000 69.480 16.805
156.511 37792.773 44806.344
30468.314 29.115 26.460
1.021
11/3/2016 4:15:00 AM 22500.000 69.480 16.806
156.511 37825.879 44844.262
30494.100 29.143 26.437
1.021
11/3/2016 4:30:00 AM 23400.000 69.483 16.806
156.517 37813.336 44829.656
30484.168 29.132 26.446
1.021
11/3/2016 4:45:00 AM 24300.000 69.501 16.806
156.557 37826.309 44844.863
30494.508 29.143 26.437
1.021
11/3/2016 5:00:00 AM 25200.000 69.485 16.809
156.522 37819.844 44834.164
30487.234 29.135 26.441
1.021
11/3/2016 5:15:00 AM 26100.000 69.487 16.805
156.527 37817.973 44836.133
30488.570 29.137 26.442
1.021
11/3/2016 5:30:00 AM 27000.000 69.503 16.809
156.562 37807.301 44819.023
30476.936 29.124 26.450
1.021
11/3/2016 5:45:00 AM 27900.000 69.506 16.808
156.570 37829.254 44845.945
30495.242 29.144 26.435
1.021
11/3/2016 6:00:00 AM 28800.000 69.497 16.801
156.550 37784.965 44800.918
30464.627 29.111 26.466
1.021
11/3/2016 6:15:00 AM 29700.000 69.509 16.805
156.576 37814.844 44832.070
30485.809 29.134 26.445
1.021
11/3/2016 6:30:00 AM 30600.000 69.510 16.811
156.578 37795.930 44803.508
30466.387 29.113 26.458
1.021
11/3/2016 6:45:00 AM 31500.000 69.493 16.810
156.539 37818.059 44831.250
30485.252 29.133 26.442

1.021
11/3/2016 7:00:00 AM 32400.000 69.492 16.806
156.538 37818.555 44835.316
30488.016 29.136 26.442
1.021
11/3/2016 7:15:00 AM 33300.000 69.495 16.807
156.544 37795.148 44806.488
30468.414 29.115 26.458
1.021
11/3/2016 7:30:00 AM 34200.000 69.513 16.800
156.584 37804.844 44825.648
30481.443 29.129 26.452
1.021
11/3/2016 7:45:00 AM 35100.000 69.512 16.809
156.582 37799.320 44809.652
30470.566 29.118 26.456
1.021
11/3/2016 8:00:00 AM 36000.000 69.499 16.805
156.553 37799.773 44814.023
30473.539 29.121 26.455
1.021
11/3/2016 8:15:00 AM 36900.000 69.516 16.814
156.591 37821.863 44831.215
30485.229 29.134 26.440
1.021
11/3/2016 8:30:00 AM 37800.000 69.511 16.811
156.581 37825.770 44839.227
30490.676 29.139 26.437
1.021
11/3/2016 8:45:00 AM 38700.000 69.513 16.798
156.584 37819.023 44844.508
30494.266 29.142 26.442
1.021
11/3/2016 9:00:00 AM 39600.000 69.514 16.810
156.587 37798.297 44807.551
30469.135 29.116 26.456
1.021
11/3/2016 9:15:00 AM 40500.000 69.500 16.808
156.556 37829.980 44846.895
30495.891 29.145 26.434
1.021
11/3/2016 9:30:00 AM 41400.000 69.504 16.807
156.564 37820.180 44836.258
30488.656 29.137 26.441
1.021
11/3/2016 9:45:00 AM 42300.000 69.505 16.810
156.566 37808.773 44819.535
30477.287 29.125 26.449
1.021
11/3/2016 10:00:00 AM 43200.000 69.510
16.813 156.578 37789.449
44793.684 30459.707 29.106
26.462 1.021
11/3/2016 10:15:00 AM 44100.000 69.525
16.807 156.611 37826.402
44844.168 30494.035 29.142
26.437 1.021

11/3/2016 10:30:00 AM 45000.000 69.511
16.807 156.580 37810.254
44825.203 30481.141 29.129
26.448 1.021
11/3/2016 10:45:00 AM 45900.000 69.531
16.806 156.625 37807.063
44821.691 30478.752 29.126
26.450 1.021
11/3/2016 11:00:00 AM 46800.000 69.536
16.811 156.637 37828.051
44842.109 30492.635 29.141
26.435 1.021
11/3/2016 11:15:00 AM 47700.000 69.537
16.806 156.640 37820.156
44837.215 30489.307 29.137
26.441 1.021
11/3/2016 11:30:00 AM 48600.000 69.540
16.803 156.645 37809.316
44827.656 30482.807 29.130
26.449 1.021
11/3/2016 11:45:00 AM 49500.000 69.541
16.806 156.648 37789.793
44801.480 30465.010 29.112
26.462 1.021
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16.799 156.626 37800.066
44820.691 30478.070 29.125
26.455 1.021
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16.804 156.667 37808.695
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26.449 1.021
11/3/2016 12:30:00 PM 52200.000 69.536
16.807 156.637 37843.082
44863.137 30506.936 29.156
26.425 1.021
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16.800 156.652 37817.570
44840.121 30491.285 29.139
26.443 1.021
11/3/2016 1:00:00 PM 54000.000 69.561 16.809
156.693 37848.801 44868.406
30510.518 29.160 26.421
1.021
11/3/2016 1:15:00 PM 54900.000 69.569 16.805
156.710 37820.590 44838.703
30490.320 29.138 26.441
1.021
11/3/2016 1:30:00 PM 55800.000 69.567 16.805
156.707 37812.582 44829.039
30483.748 29.131 26.446
1.021
11/3/2016 1:45:00 PM 56700.000 69.554 16.805
156.677 37810.305 44826.957
30482.334 29.130 26.448
1.021
11/3/2016 2:00:00 PM 57600.000 69.574 16.802

156.722 37801.215 44818.848
30476.818 29.124 26.454
1.021
11/3/2016 2:15:00 PM 58500.000 69.580 16.804
156.736 37794.691 44809.254
30470.295 29.117 26.459
1.021
11/3/2016 2:30:00 PM 59400.000 69.581 16.807
156.738 37808.723 44823.129
30479.730 29.127 26.449
1.021
11/3/2016 2:45:00 PM 60300.000 69.567 16.802
156.706 37787.023 44802.203
30465.500 29.112 26.464
1.021
11/3/2016 3:00:00 PM 61200.000 69.569 16.806
156.710 37834.207 44853.777
30500.570 29.149 26.431
1.021
11/3/2016 3:15:00 PM 62100.000 69.586 16.798
156.750 37792.211 44812.898
30472.773 29.119 26.460
1.021
11/3/2016 3:30:00 PM 63000.000 69.586 16.802
156.748 37757.270 44767.098
30441.627 29.087 26.485
1.021
11/3/2016 3:45:00 PM 63900.000 69.584 16.809
156.744 37811.008 44823.418
30479.926 29.128 26.447
1.021
11/3/2016 4:00:00 PM 64800.000 69.586 16.798
156.750 37788.465 44807.832
30469.328 29.116 26.463
1.021
11/3/2016 4:15:00 PM 65700.000 69.574 16.806
156.723 37784.934 44795.895
30461.211 29.108 26.466
1.021
11/3/2016 4:30:00 PM 66600.000 69.569 16.807
156.710 37787.520 44798.250
30462.813 29.109 26.464
1.021
11/3/2016 4:45:00 PM 67500.000 69.566 16.804
156.705 37768.426 44778.289
30449.238 29.095 26.477
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11/3/2016 5:00:00 PM 68400.000 69.569 16.801
156.711 37798.285 44816.629
30475.309 29.122 26.456
1.021
11/3/2016 5:15:00 PM 69300.000 69.563 16.806
156.698 37821.391 44838.855
30490.424 29.139 26.440
1.021
11/3/2016 5:30:00 PM 70200.000 69.585 16.799
156.746 37756.797 44769.484

30443.250 29.088 26.485
1.021
11/3/2016 5:45:00 PM 71100.000 69.562 16.808
156.695 37796.949 44808.184
30469.566 29.117 26.457
1.021
11/3/2016 6:00:00 PM 72000.000 69.558 16.799
156.686 37809.809 44832.520
30486.115 29.134 26.448
1.021
11/3/2016 6:15:00 PM 72900.000 69.557 16.806
156.684 37782.988 44792.965
30459.219 29.105 26.467
1.021
11/3/2016 6:30:00 PM 73800.000 69.553 16.798
156.675 37819.758 44844.844
30494.496 29.142 26.441
1.021
11/3/2016 6:45:00 PM 74700.000 69.552 16.798
156.672 37796.953 44817.805
30476.109 29.123 26.457
1.021
11/3/2016 7:00:00 PM 75600.000 69.564 16.806
156.699 37821.855 44839.406
30490.799 29.139 26.440
1.021
11/3/2016 7:15:00 PM 76500.000 69.546 16.804
156.659 37819.813 44839.473
30490.844 29.139 26.441
1.021
11/3/2016 7:30:00 PM 77400.000 69.537 16.802
156.638 37811.414 44830.758
30484.916 29.133 26.447
1.021
11/3/2016 7:45:00 PM 78300.000 69.534 16.794
156.632 37797.508 44822.820
30479.520 29.126 26.457
1.021
11/3/2016 8:00:00 PM 79200.000 69.531 16.801
156.626 37814.949 44835.941
30488.443 29.136 26.445
1.021
11/3/2016 8:15:00 PM 80100.000 69.540 16.809
156.646 37834.496 44851.449
30498.986 29.148 26.431
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11/3/2016 8:30:00 PM 81000.000 69.520 16.802
156.600 37833.574 44857.840
30503.334 29.152 26.432
1.021
11/3/2016 8:45:00 PM 81900.000 69.534 16.809
156.632 37798.664 44808.617
30469.859 29.117 26.456
1.021
11/3/2016 9:00:00 PM 82800.000 69.529 16.801
156.620 37768.898 44782.133
30451.854 29.097 26.477

1.021
11/3/2016 9:15:00 PM 83700.000 69.511 16.806
156.580 37810.574 44826.117
30481.762 29.129 26.448
1.021
11/3/2016 9:30:00 PM 84600.000 69.508 16.809
156.574 37830.469 44846.230
30495.439 29.144 26.434
1.021
11/3/2016 9:45:00 PM 85500.000 69.500 16.807
156.556 37814.242 44829.676
30484.180 29.132 26.445
1.021
11/3/2016 10:00:00 PM 86400.000 69.500
16.801 156.556 37820.246
44843.016 30493.252 29.141
26.441 1.021
11/3/2016 10:15:00 PM 87300.000 69.495
16.805 156.545 37767.895
44776.848 30448.258 29.094
26.478 1.021
11/3/2016 10:30:00 PM 88200.000 69.495
16.799 156.545 37768.867
44783.348 30452.678 29.098
26.477 1.021
11/3/2016 10:45:00 PM 89100.000 69.507
16.799 156.572 37793.270
44812.359 30472.406 29.119
26.460 1.021
11/3/2016 11:00:00 PM 90000.000 69.510
16.803 156.577 37790.043
44804.625 30467.146 29.114
26.462 1.021
11/3/2016 11:15:00 PM 90900.000 69.492
16.809 156.537 37826.750
44841.910 30492.502 29.141
26.436 1.021
11/3/2016 11:30:00 PM 91800.000 69.505
16.822 156.566 37842.301
44847.691 30496.432 29.146
26.425 1.021
11/3/2016 11:45:00 PM 92700.000 69.494
16.796 156.541 37777.395
44797.113 30462.037 29.108
26.471 1.021
11/4/2016 12:00:00 AM 93600.000 69.490
16.807 156.532 37789.520
44800.527 30464.361 29.111
26.462 1.021
11/4/2016 12:15:00 AM 94500.000 69.491
16.802 156.535 37795.336
44812.418 30472.447 29.119
26.458 1.021
11/4/2016 12:30:00 AM 95400.000 69.495
16.807 156.544 37820.070
44836.746 30488.988 29.137
26.441 1.021

11/4/2016 12:45:00 AM 96300.000 69.508
16.805 156.574 37836.578
44857.836 30503.330 29.152
26.429 1.021
11/4/2016 1:00:00 AM 97200.000 69.494 16.802
156.542 37846.152 44872.129
30513.051 29.162 26.423
1.021
11/4/2016 1:15:00 AM 98100.000 69.511 16.810
156.581 37791.379 44798.914
30463.262 29.110 26.461
1.021
11/4/2016 1:30:00 AM 99000.000 69.498 16.804
156.551 37812.867 44830.617
30484.822 29.133 26.446
1.021
11/4/2016 1:45:00 AM 99900.000 69.499 16.809
156.553 37831.859 44848.320
30496.859 29.146 26.433
1.021
11/4/2016 2:00:00 AM 100800.000 69.501
16.804 156.557 37830.480
44852.121 30499.445 29.148
26.434 1.021
11/4/2016 2:15:00 AM 101700.000 69.504
16.804 156.564 37815.676
44834.207 30487.264 29.135
26.444 1.021
11/4/2016 2:30:00 AM 102600.000 69.503
16.798 156.561 37807.520
44830.699 30484.877 29.132
26.450 1.021
11/4/2016 2:45:00 AM 103500.000 69.512
16.800 156.583 37819.828
44842.879 30493.160 29.141
26.441 1.021
11/4/2016 3:00:00 AM 104400.000 69.512
16.809 156.583 37773.598
44778.719 30449.531 29.095
26.474 1.021
11/4/2016 3:15:00 AM 105300.000 69.516
16.801 156.593 37782.984
44798.934 30463.275 29.109
26.467 1.021
11/4/2016 3:30:00 AM 106200.000 69.529
16.803 156.621 37816.355
44836.355 30488.725 29.137
26.444 1.021
11/4/2016 3:45:00 AM 107100.000 69.539
16.807 156.643 37814.047
44829.605 30484.135 29.132
26.445 1.021
11/4/2016 4:00:00 AM 108000.000 69.524
16.809 156.609 37807.070
44818.398 30476.514 29.124
26.450 1.021
11/4/2016 4:15:00 AM 108900.000 69.542

16.805 156.649 37774.785
44784.848 30453.699 29.100
26.473 1.021
11/4/2016 4:30:00 AM 109800.000 69.526
16.803 156.613 37790.426
44804.898 30467.332 29.114
26.462 1.021
11/4/2016 4:45:00 AM 110700.000 69.530
16.804 156.622 37791.750
44805.578 30467.795 29.114
26.461 1.021
11/4/2016 5:00:00 AM 111600.000 69.529
16.805 156.621 37763.516
44770.945 30444.244 29.090
26.481 1.021
11/4/2016 5:15:00 AM 112500.000 69.537
16.811 156.638 37805.688
44815.074 30474.250 29.122
26.451 1.021
11/4/2016 5:30:00 AM 113400.000 69.554
16.803 156.678 37818.859
44839.141 30490.615 29.139
26.442 1.021
11/4/2016 5:45:00 AM 114300.000 69.540
16.800 156.646 37790.352
44808.559 30469.822 29.116
26.462 1.021
11/4/2016 6:00:00 AM 115200.000 69.558
16.809 156.687 37828.391
44844.395 30494.189 29.143
26.435 1.021
11/4/2016 6:15:00 AM 116100.000 69.560
16.809 156.692 37820.961
44835.402 30488.076 29.136
26.440 1.021
11/4/2016 6:30:00 AM 117000.000 69.546
16.809 156.660 37820.023
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26.441 1.021
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26.441 1.021

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26.454 1.021
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26.443 1.021
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44803.387 30466.305 29.113
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26.449 1.021
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44822.469 30479.281 29.127
26.448 1.021
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26.450 1.021
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26.469 1.021
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16.812 156.630 37813.527
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26.446 1.021
11/5/2016 1:45:00 AM 186300.000 69.521
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26.440 1.021
11/5/2016 2:00:00 AM 187200.000 69.537
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26.451 1.021
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26.460 1.021
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26.453 1.021
11/5/2016 3:15:00 AM 191700.000 69.539
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26.450 1.021
11/5/2016 3:30:00 AM 192600.000 69.546
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11/5/2016 3:45:00 AM 193500.000 69.548
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11/5/2016 4:15:00 AM 195300.000 69.539
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44798.953 30463.291 29.110
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11/5/2016 4:45:00 AM 197100.000 69.543
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44818.703 30476.721 29.124
26.453 1.021
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44841.887 30492.482 29.141
26.440 1.021

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44825.973 30481.662 29.129
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44842.473 30492.881 29.142
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26.456 1.021
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26.454 1.021
11/5/2016 8:30:00 AM 210600.000 69.568
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44824.453 30480.631 29.129
26.445 1.021
11/5/2016 8:45:00 AM 211500.000 69.586

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26.436 1.021
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44876.277 30515.871 29.166
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26.451 1.021
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26.445 1.021
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44846.898 30495.891 29.144
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26.452 1.021
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26.434 1.021
11/5/2016 2:30:00 PM 232200.000 69.616
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26.454 1.021
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44829.602 30484.131 29.132
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26.437 1.021
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26.452 1.021
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26.446 1.021
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26.448 1.021
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26.446 1.021

11/5/2016 7:30:00 PM 250200.000 69.612
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44810.563 30471.186 29.118
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44818.344 30476.477 29.123
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16.800 156.797 37798.273
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26.461 1.021
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26.495 1.021
11/8/2016 9:30:00 PM 520200.000 69.639
16.806 156.869 37779.605
44789.496 30456.859 29.103
26.469 1.021
11/8/2016 9:45:00 PM 521100.000 69.619
16.803 156.823 37782.914
44796.176 30461.400 29.108
26.467 1.021
11/8/2016 10:00:00 PM 522000.000 69.632
16.807 156.852 37814.660
44829.715 30484.209 29.132
26.445 1.021
11/8/2016 10:15:00 PM 522900.000 69.611
16.802 156.806 37769.762
44782.273 30451.945 29.097
26.476 1.021
11/8/2016 10:30:00 PM 523800.000 69.627
16.810 156.841 37790.762
44798.617 30463.063 29.110
26.461 1.021
11/8/2016 10:45:00 PM 524700.000 69.619
16.810 156.823 37855.883
44875.461 30515.316 29.165
26.416 1.021
11/8/2016 11:00:00 PM 525600.000 69.615
16.801 156.815 37809.008
44829.520 30484.076 29.132
26.449 1.021
11/8/2016 11:15:00 PM 526500.000 69.615
16.804 156.815 37856.828
44883.277 30520.629 29.171
26.415 1.021
11/8/2016 11:30:00 PM 527400.000 69.593
16.797 156.766 37807.363
44831.664 30485.533 29.133
26.450 1.021
11/8/2016 11:45:00 PM 528300.000 69.606
16.801 156.793 37784.125
44799.559 30463.701 29.110
26.466 1.021
11/9/2016 12:00:00 AM 529200.000 69.590
16.806 156.758 37791.637
44803.309 30466.252 29.113
26.461 1.021
11/9/2016 12:15:00 AM 530100.000 69.599
16.810 156.778 37769.246
44773.301 30445.846 29.091
26.477 1.021
11/9/2016 12:30:00 AM 531000.000 69.598
16.814 156.776 37840.406
44853.371 30500.293 29.150
26.427 1.021
11/9/2016 12:45:00 AM 531900.000 69.579
16.809 156.735 37827.969

44844.168 30494.035 29.143
26.435 1.021
11/9/2016 1:00:00 AM 532800.000 69.579
16.806 156.734 37813.914
44829.719 30484.211 29.132
26.445 1.021
11/9/2016 1:15:00 AM 533700.000 69.579
16.814 156.733 37791.078
44795.254 30460.775 29.108
26.461 1.021
11/9/2016 1:30:00 AM 534600.000 69.573
16.809 156.721 37778.051
44784.000 30453.123 29.099
26.470 1.021
11/9/2016 1:45:00 AM 535500.000 69.569
16.818 156.711 37816.270
44821.121 30478.365 29.126
26.444 1.021
11/9/2016 2:00:00 AM 536400.000 69.585
16.807 156.746 37821.234
44838.129 30489.930 29.138
26.440 1.021
11/9/2016 2:15:00 AM 537300.000 69.569
16.804 156.710 37779.844
44791.465 30458.199 29.104
26.469 1.021
11/9/2016 2:30:00 AM 538200.000 69.568
16.809 156.708 37866.215
44888.512 30524.189 29.175
26.409 1.021
11/9/2016 2:45:00 AM 539100.000 69.568
16.805 156.708 37842.363
44864.797 30508.064 29.157
26.425 1.021
11/9/2016 3:00:00 AM 540000.000 69.569
16.803 156.711 37757.023
44765.824 30440.764 29.086
26.485 1.021
11/9/2016 3:15:00 AM 540900.000 69.570
16.799 156.714 37778.758
44795.340 30460.832 29.107
26.470 1.021
11/9/2016 3:30:00 AM 541800.000 69.573
16.804 156.721 37825.359
44845.164 30494.713 29.143
26.437 1.021
11/9/2016 3:45:00 AM 542700.000 69.568
16.806 156.709 37782.180
44792.633 30458.992 29.105
26.468 1.021
11/9/2016 4:00:00 AM 543600.000 69.575
16.814 156.724 37850.258
44864.785 30508.057 29.158
26.420 1.021
11/9/2016 4:15:00 AM 544500.000 69.575
16.809 156.725 37851.520
44871.367 30512.531 29.162

26.419 1.021
11/9/2016 4:30:00 AM 545400.000 69.593
16.810 156.766 37850.543
44869.223 30511.074 29.161
26.420 1.021
11/9/2016 4:45:00 AM 546300.000 69.598
16.813 156.776 37798.223
44804.520 30467.076 29.114
26.456 1.021
11/9/2016 5:00:00 AM 547200.000 69.575
16.814 156.725 37786.082
44789.250 30456.691 29.103
26.465 1.021
11/9/2016 5:15:00 AM 548100.000 69.599
16.804 156.779 37823.609
44844.066 30493.967 29.142
26.439 1.021
11/9/2016 5:30:00 AM 549000.000 69.591
16.807 156.760 37807.023
44820.566 30477.986 29.125
26.450 1.021
11/9/2016 5:45:00 AM 549900.000 69.612
16.802 156.807 37797.508
44814.551 30473.896 29.121
26.457 1.021
11/9/2016 6:00:00 AM 550800.000 69.609
16.811 156.800 37768.762
44771.125 30444.367 29.090
26.477 1.021
11/9/2016 6:15:00 AM 551700.000 69.616
16.806 156.817 37769.129
44777.422 30448.648 29.094
26.477 1.021
11/9/2016 6:30:00 AM 552600.000 69.602
16.801 156.784 37846.090
44873.488 30513.973 29.163
26.423 1.021
11/9/2016 6:45:00 AM 553500.000 69.625
16.809 156.838 37797.938
44808.109 30469.518 29.117
26.456 1.021
11/9/2016 7:00:00 AM 554400.000 69.625
16.807 156.837 37851.742
44873.863 30514.229 29.164
26.419 1.021
11/9/2016 7:15:00 AM 555300.000 69.611
16.806 156.806 37763.660
44770.313 30443.813 29.089
26.480 1.021
11/9/2016 7:30:00 AM 556200.000 69.612
16.808 156.809 37774.855
44782.168 30451.875 29.098
26.473 1.021
11/9/2016 7:45:00 AM 557100.000 69.629
16.807 156.846 37775.945
44784.273 30453.309 29.099
26.472 1.021

11/9/2016 8:00:00 AM 558000.000 69.621
16.803 156.829 37833.824
44856.883 30502.682 29.151
26.431 1.021
11/9/2016 8:15:00 AM 558900.000 69.621
16.812 156.828 37840.152
44854.852 30501.301 29.151
26.427 1.021
11/9/2016 8:30:00 AM 559800.000 69.627
16.812 156.842 37820.488
44831.363 30485.328 29.134
26.441 1.021
11/9/2016 8:45:00 AM 560700.000 69.628
16.803 156.843 37779.773
44792.629 30458.990 29.105
26.469 1.021
11/9/2016 9:00:00 AM 561600.000 69.629
16.810 156.846 37777.145
44782.570 30452.150 29.098
26.471 1.021
11/9/2016 9:15:00 AM 562500.000 69.632
16.806 156.852 37833.742
44853.133 30500.131 29.149
26.431 1.021
11/9/2016 9:30:00 AM 563400.000 69.637
16.807 156.865 37790.387
44800.844 30464.574 29.111
26.462 1.021
11/9/2016 9:45:00 AM 564300.000 69.653
16.812 156.901 37779.813
44783.773 30452.969 29.099
26.469 1.021
11/9/2016 10:00:00 AM 565200.000 69.638
16.811 156.867 37804.566
44814.188 30473.650 29.121
26.452 1.021
11/9/2016 10:15:00 AM 566100.000 69.654
16.807 156.903 37858.160
44881.469 30519.400 29.169
26.414 1.021
11/9/2016 10:30:00 AM 567000.000 69.655
16.807 156.904 37862.871
44887.324 30523.383 29.174
26.411 1.021
11/9/2016 10:45:00 AM 567900.000 69.642
16.802 156.875 37835.477
44859.289 30504.318 29.153
26.430 1.021
11/9/2016 11:00:00 AM 568800.000 69.639
16.803 156.868 37829.277
44851.492 30499.018 29.148
26.435 1.021
11/9/2016 11:15:00 AM 569700.000 69.641
16.807 156.873 37849.945
44872.258 30513.137 29.163
26.420 1.021
11/9/2016 11:30:00 AM 570600.000 69.640

16.803 156.872 37827.844
44849.891 30497.926 29.146
26.436 1.021
11/9/2016 11:45:00 AM 571500.000 69.660
16.799 156.917 37834.586
44862.164 30506.273 29.155
26.431 1.021
11/9/2016 12:00:00 PM 572400.000 69.640
16.804 156.871 37789.785
44803.250 30466.213 29.113
26.462 1.021
11/9/2016 12:15:00 PM 573300.000 69.642
16.797 156.875 37816.750
44842.625 30492.986 29.141
26.443 1.021
11/9/2016 12:30:00 PM 574200.000 69.638
16.811 156.866 37812.031
44822.852 30479.539 29.127
26.447 1.021
11/9/2016 12:45:00 PM 575100.000 69.639
16.807 156.870 37801.188
44814.098 30473.588 29.121
26.454 1.021
11/9/2016 1:00:00 PM 576000.000 69.657
16.812 156.909 37845.836
44861.410 30505.762 29.155
26.423 1.021
11/9/2016 1:15:00 PM 576900.000 69.655
16.811 156.906 37799.246
44807.262 30468.939 29.116
26.456 1.021
11/9/2016 1:30:00 PM 577800.000 69.638
16.809 156.867 37853.164
44873.133 30513.730 29.164
26.418 1.021
11/9/2016 1:45:00 PM 578700.000 69.638
16.807 156.867 37782.668
44791.695 30458.355 29.105
26.467 1.021
11/9/2016 2:00:00 PM 579600.000 69.639
16.804 156.870 37841.824
44865.313 30508.414 29.158
26.426 1.021
11/9/2016 2:15:00 PM 580500.000 69.637
16.814 156.865 37797.094
44802.031 30465.381 29.112
26.457 1.021
11/9/2016 2:30:00 PM 581400.000 69.635
16.805 156.859 37781.258
44791.980 30458.547 29.105
26.468 1.021
11/9/2016 2:45:00 PM 582300.000 69.634
16.806 156.857 37844.699
44866.125 30508.967 29.158
26.424 1.021
11/9/2016 3:00:00 PM 583200.000 69.651
16.807 156.895 37850.832

44872.418 30513.246 29.163
26.419 1.021
11/9/2016 3:15:00 PM 584100.000 69.632
16.811 156.852 37808.871
44819.289 30477.119 29.125
26.449 1.021
11/9/2016 3:30:00 PM 585000.000 69.631
16.811 156.851 37856.801
44875.664 30515.453 29.165
26.415 1.021
11/9/2016 3:45:00 PM 585900.000 69.634
16.809 156.858 37821.176
44835.742 30488.307 29.137
26.440 1.021
11/9/2016 4:00:00 PM 586800.000 69.636
16.799 156.862 37758.590
44771.695 30444.756 29.090
26.484 1.021
11/9/2016 4:15:00 PM 587700.000 69.639
16.809 156.870 37809.426
44821.910 30478.898 29.127
26.448 1.021
11/9/2016 4:30:00 PM 588600.000 69.642
16.810 156.875 37797.520
44806.992 30468.758 29.116
26.457 1.021
11/9/2016 4:45:00 PM 589500.000 69.643
16.811 156.877 37757.273
44757.508 30435.105 29.080
26.485 1.021
11/9/2016 5:00:00 PM 590400.000 69.661
16.809 156.918 37795.973
44805.863 30467.988 29.115
26.458 1.021
11/9/2016 5:15:00 PM 591300.000 69.644
16.811 156.879 37787.566
44794.219 30460.070 29.107
26.464 1.021
11/9/2016 5:30:00 PM 592200.000 69.661
16.805 156.919 37769.254
44777.746 30448.867 29.094
26.477 1.021
11/9/2016 5:45:00 PM 593100.000 69.649
16.803 156.891 37750.359
44757.395 30435.029 29.080
26.490 1.021
11/9/2016 6:00:00 PM 594000.000 69.666
16.816 156.930 37795.473
44797.984 30462.631 29.110
26.458 1.021
11/9/2016 6:15:00 PM 594900.000 69.649
16.804 156.892 37781.719
44794.227 30460.076 29.106
26.468 1.021
11/9/2016 6:30:00 PM 595800.000 69.651
16.801 156.895 37840.336
44866.934 30509.518 29.159

26.427 1.021
11/9/2016 6:45:00 PM 596700.000 69.667
16.810 156.932 37817.395
44830.020 30484.416 29.132
26.443 1.021
11/9/2016 7:00:00 PM 597600.000 69.671
16.814 156.941 37769.844
44770.004 30443.605 29.089
26.476 1.021
11/9/2016 7:15:00 PM 598500.000 69.660
16.802 156.915 37761.918
44772.883 30445.563 29.091
26.482 1.021
11/9/2016 7:30:00 PM 599400.000 69.659
16.801 156.913 37785.797
44802.090 30465.424 29.112
26.465 1.021
11/9/2016 7:45:00 PM 600300.000 69.672
16.808 156.943 37856.070
44878.449 30517.348 29.167
26.416 1.021
11/9/2016 8:00:00 PM 601200.000 69.657
16.804 156.909 37831.262
44852.867 30499.951 29.149
26.433 1.021
11/9/2016 8:15:00 PM 602100.000 69.653
16.810 156.901 37780.930
44786.793 30455.021 29.101
26.468 1.021
11/9/2016 8:30:00 PM 603000.000 69.659
16.802 156.914 37761.918
44772.699 30445.436 29.091
26.482 1.021
11/9/2016 8:45:00 PM 603900.000 69.673
16.807 156.946 37794.148
44805.480 30467.729 29.115
26.459 1.021
11/9/2016 9:00:00 PM 604800.000 69.670
16.813 156.938 37786.871
44790.813 30457.754 29.104
26.464 1.021
11/9/2016 9:15:00 PM 605700.000 69.674
16.806 156.947 37769.809
44778.227 30449.195 29.095
26.476 1.021
11/9/2016 9:30:00 PM 606600.000 69.670
16.812 156.939 37768.047
44769.555 30443.299 29.089
26.477 1.021
11/9/2016 9:45:00 PM 607500.000 69.671
16.806 156.942 37783.652
44794.293 30460.121 29.106
26.466 1.021
11/9/2016 10:00:00 PM 608400.000 69.657
16.805 156.909 37814.660
44831.766 30485.604 29.133
26.445 1.021

11/9/2016 10:15:00 PM	609300.000	69.650	16.794	156.894	37809.727	44837.488	30489.494	29.137	26.448	1.021			
11/9/2016 10:30:00 PM	610200.000	69.662	16.815	156.921	37797.340	44801.070	30464.729	29.112	26.457	1.021			
11/9/2016 10:45:00 PM	611100.000	69.647	16.807	156.886	37769.594	44776.742	30448.188	29.094	26.476	1.021			
11/9/2016 11:00:00 PM	612000.000	69.659	16.804	156.915	37756.539	44764.375	30439.777	29.085	26.485	1.021			
11/9/2016 11:15:00 PM	612900.000	69.637	16.811	156.865	37863.184	44883.145	30520.541	29.171	26.411	1.021			
11/9/2016 11:30:00 PM	613800.000	69.655	16.804	156.905	37779.746	44791.609	30458.295	29.104	26.469	1.021			
11/9/2016 11:45:00 PM	614700.000	69.651	16.808	156.895	37796.000	44806.523	30468.438	29.115	26.458	1.021			

Report Date: 11/14/2016 8:31:44 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9S LT Test_2016-11-11_08-08-08-684-BaroMerge.wsl
Create Date: 11/14/2016 8:27:42 AM

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

Log Configuration
Log Name: MPWSP MW-9S LT Test
Created By: SKuiper
Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 8/17/2016 12:56:58 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 8/17/2016 1:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
8/17/2016 12:56:59 PM	Used Battery: 9% Used Memory: 7% User Name: SKuiper
8/18/2016 3:22:43 PM	Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM
8/25/2016 11:48:32 AM	Log Download - Used Battery: 9% Used Memory: 7% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:45:00 PM
9/1/2016 3:53:04 PM	Log Download - Used Battery: 10% Used Memory: 9% User Name: skuiper Interval - Start Time: 7/31/2016 1:30:00 PM Stop Time: 9/1/2016 3:45:00 PM
9/8/2016 6:09:52 PM	Log Download - Used Battery: 10% Used Memory: 9% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:00:00 PM
9/15/2016 2:41:57 PM	Log Download - Used Battery: 10% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:30:00 PM
9/22/2016 12:10:44 PM	Log Download - Used Battery: 11% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:00:00 PM
10/1/2016 10:48:16 AM	Log Download - Used Battery: 11% Used Memory: 12% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 4:48:35 PM	Log Download - Used Battery: 11% Used Memory: 12% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 4:12:06 PM	Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 4:33:55 PM	Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 5:01:53 PM	Log Download - Used Battery: 12% Used Memory: 15% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 4:11:56 PM	Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 8:07:25 AM	Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:00:00 AM
11/14/2016 8:27:42 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-11_09-42-36-652.wsl""

Log Data:
Record Count: 812
Sensors: 2
1 - 427634: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time (Seconds)	Pressure (PSI) Sensor: PCTD(A) 197.3ft SN#: 427634	Temperature (C) Sensor: PCTD(A) 197.3ft SN#: 427634	Corrected Depth (ft) Sensor: PCTD(A) 197.3ft SN#: 427634	Actual Conductivity (µS/cm) Sensor: PCTD(A) 197.3ft SN#: 427634	Specific Conductivity (µS/cm) Sensor: PCTD(A) 197.3ft SN#: 427634	Salinity (PSU) Sensor: PCTD(A) 197.3ft SN#: 427634	Total Dissolved Solids Sensor: PCTD(A) 197.3ft SN#: 427634	Resistivity (ohm-cm) Sensor: PCTD(A) 197.3ft SN#: 427634	Water Density (g/cm3) Sensor: Baro-Adj Calc SN#: 000000	Barometric Pressure (PSI) Sensor: PCTD(A) 197.3ft SN#: 427634
11/3/2016 12:00:00 AM	7200.000	25.838	16.902	58.893	4216.493	4987.993	2.702	3.392	237.164	1.001	14.798
11/3/2016 12:15:00 AM	8100.000	25.836	16.902	58.888	4216.617	4988.160	2.702	3.392	237.157	1.001	14.795
11/3/2016 12:30:00 AM	9000.000	25.836	16.902	58.889	4216.795	4988.342	2.702	3.392	237.147	1.001	14.792
11/3/2016 12:45:00 AM	9900.000	25.833	16.902	58.881	4216.319	4987.818	2.702	3.392	237.174	1.001	14.796
11/3/2016 1:00:00 AM	10800.000	25.841	16.902	58.899	4216.443	4987.975	2.702	3.392	237.167	1.001	14.791
11/3/2016 1:15:00 AM	11700.000	25.838	16.902	58.893	4217.219	4988.832	2.702	3.392	237.123	1.001	14.798
11/3/2016 1:30:00 AM	12600.000	25.840	16.902	58.897	4217.573	4989.311	2.702	3.393	237.103	1.001	14.794
11/3/2016 1:45:00 AM	13500.000	25.834	16.902	58.884	4217.313	4988.934	2.702	3.392	237.118	1.001	14.796
11/3/2016 2:00:00 AM	14400.000	25.835	16.902	58.886	4216.952	4988.556	2.702	3.392	237.138	1.001	14.799
11/3/2016 2:15:00 AM	15300.000	25.832	16.902	58.880	4216.533	4988.071	2.702	3.392	237.162	1.001	14.802
11/3/2016 2:30:00 AM	16200.000	25.828	16.902	58.870	4216.330	4987.800	2.701	3.392	237.173	1.001	14.807
11/3/2016 2:45:00 AM	17100.000	25.836	16.902	58.889	4216.719	4988.241	2.702	3.392	237.151	1.001	14.802
11/3/2016 3:00:00 AM	18000.000	25.841	16.902	58.899	4216.105	4987.515	2.701	3.392	237.186	1.001	14.798
11/3/2016 3:15:00 AM	18900.000	25.835	16.903	58.887	4215.412	4986.636	2.701	3.391	237.225	1.001	14.802
11/3/2016 3:30:00 AM	19800.000	25.833	16.902	58.881	4216.020	4987.414	2.701	3.391	237.191	1.001	14.803
11/3/2016 3:45:00 AM	20700.000	25.835	16.902	58.887	4215.822	4987.199	2.701	3.391	237.202	1.001	14.800
11/3/2016 4:00:00 AM	21600.000	25.839	16.902	58.896	4216.490	4988.001	2.702	3.392	237.164	1.001	14.799
11/3/2016 4:15:00 AM	22500.000	25.839	16.902	58.894	4216.312	4987.779	2.701	3.392	237.174	1.001	14.797
11/3/2016 4:30:00 AM	23400.000	25.839	16.902	58.895	4216.609	4988.150	2.702	3.392			

237.157	1.001	14.795						
11/3/2016 4:45:00 AM	24300.000	25.837	16.902	58.890	4217.042	4988.663	2.702	3.392
237.133	1.001	14.801						
11/3/2016 5:00:00 AM	25200.000	25.838	16.902	58.892	4216.846	4988.450	2.702	3.392
237.144	1.001	14.797						
11/3/2016 5:15:00 AM	26100.000	25.840	16.902	58.897	4216.721	4988.254	2.702	3.392
237.151	1.001	14.802						
11/3/2016 5:30:00 AM	27000.000	25.837	16.902	58.891	4216.548	4988.070	2.702	3.392
237.161	1.001	14.799						
11/3/2016 5:45:00 AM	27900.000	25.843	16.902	58.903	4216.682	4988.177	2.702	3.392
237.153	1.001	14.794						
11/3/2016 6:00:00 AM	28800.000	25.832	16.902	58.879	4217.028	4988.606	2.702	3.392
237.134	1.001	14.806						
11/3/2016 6:15:00 AM	29700.000	25.836	16.903	58.889	4216.804	4988.283	2.702	3.392
237.146	1.001	14.803						
11/3/2016 6:30:00 AM	30600.000	25.838	16.901	58.893	4216.728	4988.331	2.702	3.392
237.151	1.001	14.799						
11/3/2016 6:45:00 AM	31500.000	25.834	16.902	58.884	4216.398	4987.900	2.702	3.392
237.169	1.001	14.804						
11/3/2016 7:00:00 AM	32400.000	25.838	16.902	58.894	4216.317	4987.756	2.701	3.392
237.174	1.001	14.797						
11/3/2016 7:15:00 AM	33300.000	25.847	16.902	58.914	4216.146	4987.614	2.701	3.392
237.183	1.001	14.792						
11/3/2016 7:30:00 AM	34200.000	25.836	16.902	58.888	4216.578	4988.085	2.702	3.392
237.159	1.001	14.799						
11/3/2016 7:45:00 AM	35100.000	25.837	16.902	58.891	4216.344	4987.778	2.701	3.392
237.172	1.001	14.800						
11/3/2016 8:00:00 AM	36000.000	25.846	16.902	58.910	4216.593	4988.103	2.702	3.392
237.158	1.001	14.796						
11/3/2016 8:15:00 AM	36900.000	25.839	16.901	58.894	4217.167	4988.851	2.702	3.392
237.126	1.001	14.804						
11/3/2016 8:30:00 AM	37800.000	25.831	16.902	58.877	4216.301	4987.767	2.701	3.392
237.175	1.001	14.807						
11/3/2016 8:45:00 AM	38700.000	25.840	16.902	58.897	4216.829	4988.351	2.702	3.392
237.145	1.001	14.804						
11/3/2016 9:00:00 AM	39600.000	25.835	16.903	58.886	4216.271	4987.613	2.701	3.392
237.176	1.001	14.806						
11/3/2016 9:15:00 AM	40500.000	25.833	16.902	58.881	4216.322	4987.783	2.701	3.392
237.174	1.001	14.810						
11/3/2016 9:30:00 AM	41400.000	25.837	16.902	58.890	4216.625	4988.141	2.702	3.392
237.156	1.001	14.809						
11/3/2016 9:45:00 AM	42300.000	25.838	16.902	58.894	4216.068	4987.531	2.701	3.392
237.188	1.001	14.807						
11/3/2016 10:00:00 AM	43200.000	25.840	16.903	58.897	4216.305	4987.711	2.701	3.392
237.175	1.001	14.804						
11/3/2016 10:15:00 AM	44100.000	25.842	16.902	58.903	4215.712	4987.040	2.701	3.391
237.208	1.001	14.799						
11/3/2016 10:30:00 AM	45000.000	25.842	16.902	58.901	4216.471	4987.978	2.702	3.392
237.165	1.001	14.803						
11/3/2016 10:45:00 AM	45900.000	25.846	16.902	58.911	4216.692	4988.220	2.702	3.392
237.153	1.001	14.800						
11/3/2016 11:00:00 AM	46800.000	25.849	16.902	58.918	4216.697	4988.275	2.702	3.392
237.152	1.001	14.798						
11/3/2016 11:15:00 AM	47700.000	25.841	16.902	58.899	4216.227	4987.689	2.701	3.392
237.179	1.001	14.799						
11/3/2016 11:30:00 AM	48600.000	25.844	16.902	58.907	4216.695	4988.243	2.702	3.392
237.153	1.001	14.798						
11/3/2016 11:45:00 AM	49500.000	25.853	16.902	58.928	4216.428	4987.947	2.702	3.392
237.168	1.001	14.789						
11/3/2016 12:00:00 PM	50400.000	25.849	16.901	58.917	4216.413	4987.997	2.702	3.392
237.168	1.001	14.790						
11/3/2016 12:15:00 PM	51300.000	25.842	16.901	58.902	4217.007	4988.680	2.702	3.392
237.135	1.001	14.792						
11/3/2016 12:30:00 PM	52200.000	25.848	16.901	58.915	4217.396	4989.171	2.702	3.393
237.113	1.001	14.784						
11/3/2016 12:45:00 PM	53100.000	25.845	16.902	58.908	4217.500	4989.204	2.702	3.393
237.107	1.001	14.786						
11/3/2016 1:00:00 PM	54000.000	25.848	16.902	58.915	4217.949	4989.727	2.703	3.393
237.082	1.001	14.784						
11/3/2016 1:15:00 PM	54900.000	25.848	16.902	58.916	4217.739	4989.487	2.702	3.393
237.094	1.001	14.775						
11/3/2016 1:30:00 PM	55800.000	25.853	16.901	58.928	4217.949	4989.775	2.703	3.393
237.082	1.001	14.775						
11/3/2016 1:45:00 PM	56700.000	25.850	16.901	58.919	4218.399	4990.347	2.703	3.393
237.057	1.001	14.772						
11/3/2016 2:00:00 PM	57600.000	25.853	16.902	58.927	4218.390	4990.277	2.703	3.393
237.057	1.001	14.764						
11/3/2016 2:15:00 PM	58500.000	25.855	16.901	58.931	4218.800	4990.782	2.703	3.394
237.034	1.001	14.761						
11/3/2016 2:30:00 PM	59400.000	25.851	16.901	58.922	4218.663	4990.649	2.703	3.394
237.042	1.001	14.759						
11/3/2016 2:45:00 PM	60300.000	25.846	16.901	58.910	4219.128	4991.209	2.703	3.394
237.016	1.001	14.761						
11/3/2016 3:00:00 PM	61200.000	25.845	16.901	58.910	4219.562	4991.683	2.704	3.394
236.991	1.001	14.762						
11/3/2016 3:15:00 PM	62100.000	25.849	16.901	58.919	4219.673	4991.904	2.704	3.394
236.985	1.001	14.755						
11/3/2016 3:30:00 PM	63000.000	25.838	16.901	58.893	4219.942	4992.133	2.704	3.395
236.970	1.001	14.760						
11/3/2016 3:45:00 PM	63900.000	25.851	16.901	58.923	4219.479	4991.635	2.704	3.394
236.996	1.001	14.756						
11/3/2016 4:00:00 PM	64800.000	25.843	16.902	58.905	4220.557	4992.832	2.704	3.395
236.936	1.001	14.762						
11/3/2016 4:15:00 PM	65700.000	25.843	16.902	58.904	4221.979	4994.523	2.705	3.396
236.856	1.001	14.762						
11/3/2016 4:30:00 PM	66600.000	25.848	16.901	58.916	4220.648	4992.988	2.704	3.395
236.930	1.001	14.759						
11/3/2016 4:45:00 PM	67500.000	25.842	16.901	58.902	4219.870	4992.067	2.704	3.395
236.974	1.001	14.762						
11/3/2016 5:00:00 PM	68400.000	25.851	16.902	58.922	4220.153	4992.343	2.704	3.395
236.958	1.001	14.758						
11/3/2016 5:15:00 PM	69300.000	25.845	16.902	58.909	4219.691	4991.776	2.704	3.394
236.984	1.001	14.759						
11/3/2016 5:30:00 PM	70200.000	25.846	16.902	58.911	4219.367	4991.344	2.704	3.394
237.002	1.001	14.761						
11/3/2016 5:45:00 PM	71100.000	25.840	16.903	58.897	4219.663	4991.684	2.704	3.394
236.986	1.001	14.761						
11/3/2016 6:00:00 PM	72000.000	25.844	16.902	58.908	4218.959	4990.911	2.703	3.394
237.025	1.001	14.758						
11/3/2016 6:15:00 PM	72900.000	25.846	16.902	58.911	4218.969	4990.902	2.703	3.394
237.025	1.001	14.756						
11/3/2016 6:30:00 PM	73800.000	25.844	16.901	58.907	4218.778	4990.776	2.703	3.394
237.035	1.001	14.760						
11/3/2016 6:45:00 PM	74700.000	25.848	16.902	58.916	4218.494	4990.380	2.703	3.393
237.051	1.001	14.757						
11/3/2016 7:00:00 PM	75600.000	25.845	16.902	58.908	4218.264	4990.040	2.703	3.393
237.064	1.001	14.761						
11/3/2016 7:15:00 PM	76500.000	25.848	16.901	58.915	4218.110	4989.978	2.703	3.393
237.073	1.001	14.761						
11/3/2016 7:30:00 PM	77400.000	25.848	16.902	58.917	4218.257	4990.130	2.703	3.393
237.065	1.001	14.759						
11/3/2016 7:45:00 PM	78300.000	25.839	16.902	58.895	4217.674	4989.422	2.702	3.393
237.097	1.001	14.764						
11/3/2016 8:00:00 PM	79200.000	25.842	16.902	58.901	4218.147	4989.931	2.703	3.393
237.071	1.001	14.764						
11/3/2016 8:15:00 PM	80100.000	25.849	16.902	58.917	4217.308	4988.957	2.702	3.392
237.118	1.001	14.757						
11/3/2016 8:30:00 PM	81000.000	25.840	16.902	58.897	4217.618	4989.344	2.702	3.393
237.101	1.001	14.768						
11/3/2016 8:45:00 PM	81900.000	25.841	16.902	58.899	4217.057	4988.621	2.702	3.392
237.132	1.001	14.762						
11/3/2016 9:00:00 PM	82800.000	25.845	16.903	58.908	4217.315	4988.887	2.702	3.392
237.118	1.001	14.762						

11/3/2016 9:15:00 PM	83700.000	25.845	16.902	58.909	4217.348	4988.985	2.702	3.393
237.116	1.001	14.761						
11/3/2016 9:30:00 PM	84600.000	25.851	16.902	58.923	4217.598	4989.260	2.702	3.393
237.102	1.001	14.759						
11/3/2016 9:45:00 PM	85500.000	25.846	16.903	58.911	4217.155	4988.708	2.702	3.392
237.127	1.001	14.764						
11/3/2016 10:00:00 PM	86400.000	25.848	16.902	58.916	4217.333	4988.938	2.702	3.392
237.117	1.001	14.765						
11/3/2016 10:15:00 PM	87300.000	25.850	16.902	58.919	4216.494	4987.994	2.702	3.392
237.164	1.001	14.763						
11/3/2016 10:30:00 PM	88200.000	25.843	16.903	58.904	4217.022	4988.560	2.702	3.392
237.134	1.001	14.770						
11/3/2016 10:45:00 PM	89100.000	25.848	16.903	58.915	4216.894	4988.369	2.702	3.392
237.141	1.001	14.763						
11/3/2016 11:00:00 PM	90000.000	25.839	16.902	58.895	4216.991	4988.553	2.702	3.392
237.136	1.001	14.770						
11/3/2016 11:15:00 PM	90900.000	25.844	16.902	58.907	4216.458	4987.983	2.702	3.392
237.166	1.001	14.769						
11/3/2016 11:30:00 PM	91800.000	25.844	16.903	58.907	4216.511	4987.956	2.702	3.392
237.163	1.001	14.766						
11/3/2016 11:45:00 PM	92700.000	25.840	16.903	58.898	4216.350	4987.746	2.701	3.392
237.172	1.001	14.771						
11/4/2016 12:00:00 AM	93600.000	25.843	16.903	58.903	4216.670	4988.115	2.702	3.392
237.154	1.001	14.771						
11/4/2016 12:15:00 AM	94500.000	25.843	16.902	58.904	4216.270	4987.689	2.701	3.392
237.176	1.001	14.764						
11/4/2016 12:30:00 AM	95400.000	25.841	16.902	58.899	4216.260	4987.678	2.701	3.392
237.177	1.001	14.768						
11/4/2016 12:45:00 AM	96300.000	25.841	16.902	58.900	4216.089	4987.496	2.701	3.391
237.187	1.001	14.765						
11/4/2016 1:00:00 AM	97200.000	25.839	16.902	58.895	4216.646	4988.126	2.702	3.392
237.155	1.001	14.768						
11/4/2016 1:15:00 AM	98100.000	25.848	16.903	58.916	4217.004	4988.538	2.702	3.392
237.135	1.001	14.764						
11/4/2016 1:30:00 AM	99000.000	25.849	16.902	58.918	4217.508	4989.213	2.702	3.393
237.107	1.001	14.760						
11/4/2016 1:45:00 AM	99900.000	25.845	16.902	58.909	4217.254	4988.865	2.702	3.392
237.121	1.001	14.764						
11/4/2016 2:00:00 AM	100800.000	25.841	16.902	58.899	4217.583	4989.233	2.702	3.393
237.103	1.001	14.770						
11/4/2016 2:15:00 AM	101700.000	25.843	16.902	58.904	4216.646	4988.146	2.702	3.392
237.155	1.001	14.769						
11/4/2016 2:30:00 AM	102600.000	25.843	16.903	58.904	4216.926	4988.438	2.702	3.392
237.140	1.001	14.768						
11/4/2016 2:45:00 AM	103500.000	25.841	16.902	58.901	4216.541	4988.050	2.702	3.392
237.161	1.001	14.771						
11/4/2016 3:00:00 AM	104400.000	25.846	16.903	58.911	4216.370	4987.788	2.701	3.392
237.171	1.001	14.766						
11/4/2016 3:15:00 AM	105300.000	25.843	16.902	58.905	4217.244	4988.882	2.702	3.392
237.122	1.001	14.774						
11/4/2016 3:30:00 AM	106200.000	25.841	16.902	58.900	4216.453	4987.957	2.702	3.392
237.166	1.001	14.773						
11/4/2016 3:45:00 AM	107100.000	25.851	16.902	58.923	4216.042	4987.491	2.701	3.391
237.189	1.001	14.769						
11/4/2016 4:00:00 AM	108000.000	25.842	16.903	58.902	4215.903	4987.236	2.701	3.391
237.197	1.001	14.774						
11/4/2016 4:15:00 AM	108900.000	25.845	16.903	58.909	4216.391	4987.794	2.701	3.392
237.170	1.001	14.774						
11/4/2016 4:30:00 AM	109800.000	25.843	16.903	58.904	4215.917	4987.233	2.701	3.391
237.196	1.001	14.769						
11/4/2016 4:45:00 AM	110700.000	25.839	16.903	58.895	4216.133	4987.489	2.701	3.391
237.184	1.001	14.778						
11/4/2016 5:00:00 AM	111600.000	25.850	16.902	58.921	4216.385	4987.816	2.702	3.392
237.170	1.001	14.769						
11/4/2016 5:15:00 AM	112500.000	25.841	16.902	58.901	4215.814	4987.230	2.701	3.391
237.202	1.001	14.772						
11/4/2016 5:30:00 AM	113400.000	25.840	16.903	58.898	4216.407	4987.784	2.701	3.392
237.169	1.001	14.775						
11/4/2016 5:45:00 AM	114300.000	25.842	16.902	58.902	4215.792	4987.164	2.701	3.391
237.203	1.001	14.778						
11/4/2016 6:00:00 AM	115200.000	25.841	16.902	58.899	4215.201	4986.425	2.701	3.391
237.237	1.001	14.778						
11/4/2016 6:15:00 AM	116100.000	25.843	16.902	58.904	4215.478	4986.763	2.701	3.391
237.221	1.001	14.775						
11/4/2016 6:30:00 AM	117000.000	25.845	16.902	58.909	4215.667	4987.036	2.701	3.391
237.210	1.001	14.776						
11/4/2016 6:45:00 AM	117900.000	25.844	16.902	58.906	4215.947	4987.308	2.701	3.391
237.195	1.001	14.774						
11/4/2016 7:00:00 AM	118800.000	25.848	16.903	58.915	4216.027	4987.354	2.701	3.391
237.190	1.001	14.774						
11/4/2016 7:15:00 AM	119700.000	25.849	16.902	58.918	4216.374	4987.823	2.702	3.392
237.171	1.001	14.772						
11/4/2016 7:30:00 AM	120600.000	25.854	16.902	58.930	4215.865	4987.211	2.701	3.391
237.199	1.001	14.769						
11/4/2016 7:45:00 AM	121500.000	25.855	16.902	58.932	4215.895	4987.246	2.701	3.391
237.198	1.001	14.768						
11/4/2016 8:00:00 AM	122400.000	25.848	16.903	58.917	4216.552	4987.974	2.702	3.392
237.161	1.001	14.774						
11/4/2016 8:15:00 AM	123300.000	25.841	16.902	58.899	4216.227	4987.639	2.701	3.392
237.179	1.001	14.778						
11/4/2016 8:30:00 AM	124200.000	25.849	16.903	58.917	4216.164	4987.515	2.701	3.392
237.182	1.001	14.770						
11/4/2016 8:45:00 AM	125100.000	25.852	16.903	58.924	4216.505	4987.910	2.702	3.392
237.163	1.001	14.775						
11/4/2016 9:00:00 AM	126000.000	25.854	16.902	58.928	4216.319	4987.768	2.701	3.392
237.174	1.001	14.771						
11/4/2016 9:15:00 AM	126900.000	25.839	16.903	58.894	4216.396	4987.819	2.702	3.392
237.169	1.001	14.786						
11/4/2016 9:30:00 AM	127800.000	25.843	16.903	58.905	4216.264	4987.653	2.701	3.392
237.177	1.001	14.783						
11/4/2016 9:45:00 AM	128700.000	25.848	16.902	58.916	4215.964	4987.338	2.701	3.391
237.194	1.001	14.775						
11/4/2016 10:00:00 AM	129600.000	25.844	16.903	58.907	4216.028	4987.345	2.701	3.391
237.190	1.001	14.780						
11/4/2016 10:15:00 AM	130500.000	25.843	16.903	58.904	4215.549	4986.808	2.701	3.391
237.217	1.001	14.782						
11/4/2016 10:30:00 AM	131400.000	25.851	16.902	58.922	4215.935	4987.364	2.701	3.391
237.195	1.001	14.782						
11/4/2016 10:45:00 AM	132300.000	25.841	16.903	58.900	4215.563	4986.805	2.701	3.391
237.216	1.001	14.787						
11/4/2016 11:00:00 AM	133200.000	25.844	16.903	58.906	4215.597	4986.845	2.701	3.391
237.214	1.001	14.785						
11/4/2016 11:15:00 AM	134100.000	25.844	16.903	58.907	4215.354	4986.586	2.701	3.391
237.228	1.001	14.786						
11/4/2016 11:30:00 AM	135000.000	25.846	16.902	58.911	4215.429	4986.695	2.701	3.391
237.224	1.001	14.785						
11/4/2016 11:45:00 AM	135900.000	25.843	16.903	58.903	4214.754	4985.848	2.700	3.390
237.262	1.001	14.785						
11/4/2016 12:00:00 PM	136800.000	25.842	16.903	58.902	4215.296	4986.430	2.701	3.391
237.231	1.001	14.790						
11/4/2016 12:15:00 PM	137700.000	25.845	16.903	58.910	4215.084	4986.248	2.701	3.391
237.243	1.001	14.785						
11/4/2016 12:30:00 PM	138600.000	25.849	16.902	58.917	4214.860	4986.021	2.700	3.390
237.256	1.001	14.782						
11/4/2016 12:45:00 PM	139500.000	25.844	16.903	58.907	4214.950	4986.099	2.701	3.391
237.251	1.001	14.779						
11/4/2016 1:00:00 PM	140400.000	25.851	16.902	58.923	4215.197	4986.492	2.701	3.391
237.237	1.001	14.773						
11/4/2016 1:15:00 PM	141300.000	25.847	16.902	58.913	4216.129	4987.523	2.701	3.392
237.184	1.001	14.775						
11/4/2016 1:30:00 PM	142200.000	25.842	16.903	58.902	4215.682	4986.945	2.701	3.391
237.210	1.001	14.779						
11/4/2016 1:45:00 PM	143100.000	25.850	16.903	58.919	4216.164	4987.536	2.701	3.392

237.182	1.001	14.775						
11/4/2016 2:00:00 PM	144000.000	25.843	16.902	58.904	4216.140	4987.566	2.701	3.392
237.184	1.001	14.778						
11/4/2016 2:15:00 PM	144900.000	25.845	16.902	58.908	4216.337	4987.779	2.701	3.392
237.173	1.001	14.778						
11/4/2016 2:30:00 PM	145800.000	25.842	16.903	58.901	4217.088	4988.638	2.702	3.392
237.130	1.001	14.778						
11/4/2016 2:45:00 PM	146700.000	25.848	16.902	58.915	4216.791	4988.326	2.702	3.392
237.147	1.001	14.774						
11/4/2016 3:00:00 PM	147600.000	25.847	16.902	58.912	4216.650	4988.171	2.702	3.392
237.155	1.001	14.778						
11/4/2016 3:15:00 PM	148500.000	25.850	16.903	58.920	4216.409	4987.796	2.701	3.392
237.169	1.001	14.776						
11/4/2016 3:30:00 PM	149400.000	25.843	16.903	58.905	4217.155	4988.679	2.702	3.392
237.127	1.001	14.778						
11/4/2016 3:45:00 PM	150300.000	25.852	16.902	58.924	4217.070	4988.637	2.702	3.392
237.131	1.001	14.775						
11/4/2016 4:00:00 PM	151200.000	25.848	16.903	58.915	4216.955	4988.471	2.702	3.392
237.138	1.001	14.777						
11/4/2016 4:15:00 PM	152100.000	25.846	16.902	58.910	4217.035	4988.635	2.702	3.392
237.133	1.001	14.780						
11/4/2016 4:30:00 PM	153000.000	25.842	16.902	58.903	4216.799	4988.356	2.702	3.392
237.147	1.001	14.779						
11/4/2016 4:45:00 PM	153900.000	25.852	16.902	58.925	4217.146	4988.747	2.702	3.392
237.127	1.001	14.776						
11/4/2016 5:00:00 PM	154800.000	25.842	16.903	58.901	4216.339	4987.694	2.701	3.392
237.173	1.001	14.778						
11/4/2016 5:15:00 PM	155700.000	25.843	16.902	58.905	4217.200	4988.850	2.702	3.392
237.124	1.001	14.780						
11/4/2016 5:30:00 PM	156600.000	25.847	16.902	58.913	4216.815	4988.385	2.702	3.392
237.146	1.001	14.780						
11/4/2016 5:45:00 PM	157500.000	25.847	16.903	58.914	4216.927	4988.448	2.702	3.392
237.139	1.001	14.774						
11/4/2016 6:00:00 PM	158400.000	25.848	16.902	58.915	4216.813	4988.352	2.702	3.392
237.146	1.001	14.777						
11/4/2016 6:15:00 PM	159300.000	25.851	16.903	58.923	4217.016	4988.523	2.702	3.392
237.135	1.001	14.774						
11/4/2016 6:30:00 PM	160200.000	25.854	16.903	58.930	4216.430	4987.801	2.702	3.392
237.167	1.001	14.775						
11/4/2016 6:45:00 PM	161100.000	25.847	16.903	58.913	4216.946	4988.451	2.702	3.392
237.138	1.001	14.778						
11/4/2016 7:00:00 PM	162000.000	25.849	16.902	58.918	4216.704	4988.223	2.702	3.392
237.152	1.001	14.775						
11/4/2016 7:15:00 PM	162900.000	25.847	16.902	58.913	4217.056	4988.651	2.702	3.392
237.132	1.001	14.776						
11/4/2016 7:30:00 PM	163800.000	25.843	16.902	58.903	4217.025	4988.574	2.702	3.392
237.134	1.001	14.778						
11/4/2016 7:45:00 PM	164700.000	25.848	16.903	58.915	4216.618	4988.033	2.702	3.392
237.157	1.001	14.776						
11/4/2016 8:00:00 PM	165600.000	25.843	16.903	58.904	4216.978	4988.459	2.702	3.392
237.137	1.001	14.781						
11/4/2016 8:15:00 PM	166500.000	25.855	16.902	58.933	4216.767	4988.278	2.702	3.392
237.148	1.001	14.773						
11/4/2016 8:30:00 PM	167400.000	25.853	16.903	58.927	4217.028	4988.558	2.702	3.392
237.134	1.001	14.776						
11/4/2016 8:45:00 PM	168300.000	25.845	16.903	58.908	4216.280	4987.663	2.701	3.392
237.176	1.001	14.782						
11/4/2016 9:00:00 PM	169200.000	25.845	16.903	58.909	4216.458	4987.823	2.702	3.392
237.166	1.001	14.781						
11/4/2016 9:15:00 PM	170100.000	25.846	16.903	58.911	4216.188	4987.535	2.701	3.392
237.181	1.001	14.780						
11/4/2016 9:30:00 PM	171000.000	25.839	16.903	58.896	4216.020	4987.325	2.701	3.391
237.191	1.001	14.786						
11/4/2016 9:45:00 PM	171900.000	25.843	16.902	58.903	4215.682	4987.054	2.701	3.391
237.210	1.001	14.782						
11/4/2016 10:00:00 PM	172800.000	25.845	16.902	58.908	4215.200	4986.434	2.701	3.391
237.237	1.001	14.784						
11/4/2016 10:15:00 PM	173700.000	25.852	16.903	58.925	4215.403	4986.595	2.701	3.391
237.225	1.001	14.780						
11/4/2016 10:30:00 PM	174600.000	25.846	16.903	58.912	4215.546	4986.814	2.701	3.391
237.217	1.001	14.787						
11/4/2016 10:45:00 PM	175500.000	25.847	16.903	58.912	4215.280	4986.430	2.701	3.391
237.232	1.001	14.792						
11/4/2016 11:00:00 PM	176400.000	25.847	16.904	58.913	4215.566	4986.728	2.701	3.391
237.216	1.001	14.792						
11/4/2016 11:15:00 PM	177300.000	25.844	16.903	58.906	4215.131	4986.225	2.701	3.391
237.241	1.001	14.795						
11/4/2016 11:30:00 PM	178200.000	25.844	16.903	58.905	4214.517	4985.557	2.700	3.390
237.275	1.001	14.791						
11/4/2016 11:45:00 PM	179100.000	25.844	16.903	58.906	4214.426	4985.470	2.700	3.390
237.280	1.001	14.794						
11/5/2016 12:00:00 AM	180000.000	25.846	16.903	58.911	4213.699	4984.620	2.700	3.390
237.321	1.001	14.795						
11/5/2016 12:15:00 AM	180900.000	25.842	16.903	58.902	4213.986	4984.939	2.700	3.390
237.305	1.001	14.795						
11/5/2016 12:30:00 AM	181800.000	25.841	16.903	58.900	4213.921	4984.814	2.700	3.390
237.309	1.001	14.796						
11/5/2016 12:45:00 AM	182700.000	25.843	16.903	58.904	4214.519	4985.599	2.700	3.390
237.275	1.001	14.793						
11/5/2016 1:00:00 AM	183600.000	25.860	16.903	58.943	4213.726	4984.660	2.700	3.390
237.320	1.001	14.781						
11/5/2016 1:15:00 AM	184500.000	25.854	16.903	58.929	4214.428	4985.414	2.700	3.390
237.280	1.001	14.784						
11/5/2016 1:30:00 AM	185400.000	25.842	16.904	58.902	4214.773	4985.791	2.700	3.390
237.261	1.001	14.793						
11/5/2016 1:45:00 AM	186300.000	25.853	16.904	58.926	4214.560	4985.490	2.700	3.390
237.273	1.001	14.788						
11/5/2016 2:00:00 AM	187200.000	25.852	16.903	58.925	4214.577	4985.609	2.700	3.390
237.272	1.001	14.785						
11/5/2016 2:15:00 AM	188100.000	25.850	16.903	58.921	4214.962	4986.094	2.701	3.391
237.250	1.001	14.786						
11/5/2016 2:30:00 AM	189000.000	25.848	16.904	58.916	4215.240	4986.314	2.701	3.391
237.234	1.001	14.781						
11/5/2016 2:45:00 AM	189900.000	25.851	16.903	58.922	4215.230	4986.421	2.701	3.391
237.235	1.001	14.783						
11/5/2016 3:00:00 AM	190800.000	25.855	16.903	58.930	4215.477	4986.702	2.701	3.391
237.221	1.001	14.781						
11/5/2016 3:15:00 AM	191700.000	25.848	16.903	58.915	4215.532	4986.700	2.701	3.391
237.218	1.001	14.785						
11/5/2016 3:30:00 AM	192600.000	25.852	16.903	58.925	4214.967	4986.051	2.700	3.391
237.250	1.001	14.783						
11/5/2016 3:45:00 AM	193500.000	25.847	16.904	58.914	4215.318	4986.426	2.701	3.391
237.230	1.001	14.788						
11/5/2016 4:00:00 AM	194400.000	25.843	16.903	58.903	4214.621	4985.630	2.700	3.390
237.269	1.001	14.789						
11/5/2016 4:15:00 AM	195300.000	25.843	16.903	58.905	4214.509	4985.519	2.700	3.390
237.276	1.001	14.785						
11/5/2016 4:30:00 AM	196200.000	25.852	16.903	58.925	4214.624	4985.645	2.700	3.390
237.269	1.001	14.778						
11/5/2016 4:45:00 AM	197100.000	25.860	16.903	58.943	4214.617	4985.706	2.700	3.390
237.269	1.001	14.774						
11/5/2016 5:00:00 AM	198000.000	25.853	16.903	58.927	4214.713	4985.799	2.700	3.390
237.264	1.001	14.773						
11/5/2016 5:15:00 AM	198900.000	25.853	16.903	58.927	4215.223	4986.382	2.701	3.391
237.235	1.001	14.769						
11/5/2016 5:30:00 AM	199800.000	25.852	16.903	58.924	4215.318	4986.495	2.701	3.391
237.230	1.001	14.770						
11/5/2016 5:45:00 AM	200700.000	25.858	16.904	58.938	4215.958	4987.191	2.701	3.391
237.194	1.001	14.769						
11/5/2016 6:00:00 AM	201600.000	25.858	16.903	58.937	4215.875	4987.125	2.701	3.391
237.199	1.001	14.767						
11/5/2016 6:15:00 AM	202500.000	25.853	16.903	58.928	4216.648	4988.117	2.702	3.392
237.155	1.001	14.771						

11/5/2016 6:30:00 AM	203400.000	25.856	16.903	58.933	4216.414	4987.771	2.701	3.392
237.168	1.001	14.773						
11/5/2016 6:45:00 AM	204300.000	25.855	16.903	58.931	4215.739	4987.013	2.701	3.391
237.206	1.001	14.772						
11/5/2016 7:00:00 AM	205200.000	25.857	16.903	58.937	4216.333	4987.706	2.701	3.392
237.173	1.001	14.771						
11/5/2016 7:15:00 AM	206100.000	25.855	16.903	58.932	4216.086	4987.364	2.701	3.391
237.187	1.001	14.774						
11/5/2016 7:30:00 AM	207000.000	25.851	16.904	58.921	4215.704	4986.891	2.701	3.391
237.208	1.001	14.774						
11/5/2016 7:45:00 AM	207900.000	25.853	16.903	58.928	4215.240	4986.422	2.701	3.391
237.234	1.001	14.770						
11/5/2016 8:00:00 AM	208800.000	25.851	16.903	58.922	4215.486	4986.734	2.701	3.391
237.221	1.001	14.773						
11/5/2016 8:15:00 AM	209700.000	25.851	16.903	58.921	4215.143	4986.288	2.701	3.391
237.240	1.001	14.775						
11/5/2016 8:30:00 AM	210600.000	25.854	16.903	58.930	4215.541	4986.749	2.701	3.391
237.217	1.001	14.771						
11/5/2016 8:45:00 AM	211500.000	25.850	16.903	58.920	4215.560	4986.821	2.701	3.391
237.216	1.001	14.774						
11/5/2016 9:00:00 AM	212400.000	25.857	16.903	58.935	4215.419	4986.655	2.701	3.391
237.224	1.001	14.769						
11/5/2016 9:15:00 AM	213300.000	25.858	16.903	58.937	4215.408	4986.611	2.701	3.391
237.225	1.001	14.767						
11/5/2016 9:30:00 AM	214200.000	25.860	16.903	58.942	4214.686	4985.777	2.700	3.390
237.266	1.001	14.769						
11/5/2016 9:45:00 AM	215100.000	25.852	16.903	58.926	4214.905	4985.967	2.700	3.390
237.253	1.001	14.775						
11/5/2016 10:00:00 AM	216000.000	25.842	16.903	58.903	4215.090	4986.196	2.701	3.391
237.243	1.001	14.786						
11/5/2016 10:15:00 AM	216900.000	25.858	16.903	58.938	4215.212	4986.341	2.701	3.391
237.236	1.001	14.774						
11/5/2016 10:30:00 AM	217800.000	25.862	16.904	58.947	4214.529	4985.502	2.700	3.390
237.274	1.001	14.774						
11/5/2016 10:45:00 AM	218700.000	25.855	16.903	58.932	4214.295	4985.315	2.700	3.390
237.288	1.001	14.781						
11/5/2016 11:00:00 AM	219600.000	25.855	16.902	58.933	4214.042	4985.054	2.700	3.390
237.302	1.001	14.779						
11/5/2016 11:15:00 AM	220500.000	25.847	16.903	58.914	4213.799	4984.747	2.700	3.390
237.316	1.001	14.785						
11/5/2016 11:30:00 AM	221400.000	25.846	16.903	58.911	4214.006	4984.953	2.700	3.390
237.304	1.001	14.786						
11/5/2016 11:45:00 AM	222300.000	25.853	16.904	58.927	4214.369	4985.304	2.700	3.390
237.283	1.001	14.780						
11/5/2016 12:00:00 PM	223200.000	25.847	16.903	58.913	4213.946	4984.912	2.700	3.390
237.307	1.001	14.786						
11/5/2016 12:15:00 PM	224100.000	25.848	16.903	58.916	4214.494	4985.521	2.700	3.390
237.276	1.001	14.785						
11/5/2016 12:30:00 PM	225000.000	25.849	16.902	58.917	4213.957	4984.954	2.700	3.390
237.307	1.001	14.784						
11/5/2016 12:45:00 PM	225900.000	25.851	16.903	58.921	4213.853	4984.762	2.700	3.390
237.313	1.001	14.780						
11/5/2016 1:00:00 PM	226800.000	25.855	16.903	58.932	4214.227	4985.224	2.700	3.390
237.291	1.001	14.778						
11/5/2016 1:15:00 PM	227700.000	25.849	16.904	58.918	4214.467	4985.429	2.700	3.390
237.278	1.001	14.780						
11/5/2016 1:30:00 PM	228600.000	25.842	16.902	58.903	4214.862	4986.035	2.700	3.391
237.256	1.001	14.781						
11/5/2016 1:45:00 PM	229500.000	25.847	16.903	58.913	4214.445	4985.502	2.700	3.390
237.279	1.001	14.780						
11/5/2016 2:00:00 PM	230400.000	25.851	16.903	58.923	4215.398	4986.590	2.701	3.391
237.226	1.001	14.778						
11/5/2016 2:15:00 PM	231300.000	25.847	16.903	58.913	4214.726	4985.814	2.700	3.390
237.263	1.001	14.780						
11/5/2016 2:30:00 PM	232200.000	25.841	16.903	58.901	4215.030	4986.135	2.701	3.391
237.246	1.001	14.784						
11/5/2016 2:45:00 PM	233100.000	25.857	16.902	58.935	4215.388	4986.637	2.701	3.391
237.226	1.001	14.773						
11/5/2016 3:00:00 PM	234000.000	25.854	16.903	58.929	4215.220	4986.389	2.701	3.391
237.236	1.001	14.773						
11/5/2016 3:15:00 PM	234900.000	25.852	16.902	58.924	4214.764	4985.899	2.700	3.390
237.261	1.001	14.779						
11/5/2016 3:30:00 PM	235800.000	25.851	16.903	58.922	4215.029	4986.184	2.701	3.391
237.246	1.001	14.778						
11/5/2016 3:45:00 PM	236700.000	25.862	16.903	58.948	4215.432	4986.601	2.701	3.391
237.224	1.001	14.772						
11/5/2016 4:00:00 PM	237600.000	25.857	16.902	58.937	4215.377	4986.625	2.701	3.391
237.227	1.001	14.775						
11/5/2016 4:15:00 PM	238500.000	25.857	16.903	58.936	4215.417	4986.643	2.701	3.391
237.224	1.001	14.773						
11/5/2016 4:30:00 PM	239400.000	25.849	16.903	58.918	4215.939	4987.190	2.701	3.391
237.195	1.001	14.779						
11/5/2016 4:45:00 PM	240300.000	25.852	16.903	58.925	4214.772	4985.869	2.700	3.390
237.261	1.001	14.777						
11/5/2016 5:00:00 PM	241200.000	25.854	16.903	58.929	4215.015	4986.127	2.701	3.391
237.247	1.001	14.774						
11/5/2016 5:15:00 PM	242100.000	25.852	16.903	58.924	4215.921	4987.219	2.701	3.391
237.196	1.001	14.769						
11/5/2016 5:30:00 PM	243000.000	25.856	16.903	58.934	4215.163	4986.283	2.701	3.391
237.239	1.001	14.765						
11/5/2016 5:45:00 PM	243900.000	25.852	16.903	58.926	4215.695	4986.971	2.701	3.391
237.209	1.001	14.767						
11/5/2016 6:00:00 PM	244800.000	25.853	16.902	58.927	4215.953	4987.306	2.701	3.391
237.194	1.001	14.767						
11/5/2016 6:15:00 PM	245700.000	25.855	16.903	58.932	4215.988	4987.328	2.701	3.391
237.192	1.001	14.760						
11/5/2016 6:30:00 PM	246600.000	25.861	16.903	58.944	4216.686	4988.132	2.702	3.392
237.153	1.001	14.759						
11/5/2016 6:45:00 PM	247500.000	25.862	16.903	58.946	4216.973	4988.463	2.702	3.392
237.137	1.001	14.757						
11/5/2016 7:00:00 PM	248400.000	25.853	16.903	58.928	4217.186	4988.655	2.702	3.392
237.125	1.001	14.767						
11/5/2016 7:15:00 PM	249300.000	25.856	16.903	58.933	4216.460	4987.886	2.702	3.392
237.166	1.001	14.763						
11/5/2016 7:30:00 PM	250200.000	25.856	16.903	58.934	4216.031	4987.338	2.701	3.391
237.190	1.001	14.757						
11/5/2016 7:45:00 PM	251100.000	25.853	16.903	58.927	4216.035	4987.392	2.701	3.391
237.190	1.001	14.763						
11/5/2016 8:00:00 PM	252000.000	25.860	16.903	58.943	4216.512	4987.897	2.702	3.392
237.163	1.001	14.759						
11/5/2016 8:15:00 PM	252900.000	25.852	16.903	58.925	4216.385	4987.767	2.701	3.392
237.170	1.001	14.766						
11/5/2016 8:30:00 PM	253800.000	25.852	16.903	58.925	4215.750	4987.036	2.701	3.391
237.206	1.001	14.764						
11/5/2016 8:45:00 PM	254700.000	25.866	16.903	58.956	4216.421	4987.781	2.701	3.392
237.168	1.001	14.755						
11/5/2016 9:00:00 PM	255600.000	25.849	16.903	58.918	4215.984	4987.313	2.701	3.391
237.193	1.001	14.764						
11/5/2016 9:15:00 PM	256500.000	25.857	16.903	58.937	4216.600	4988.002	2.702	3.392
237.158	1.001	14.759						
11/5/2016 9:30:00 PM	257400.000	25.858	16.904	58.938	4215.554	4986.706	2.701	3.391
237.217	1.001	14.759						
11/5/2016 9:45:00 PM	258300.000	25.858	16.903	58.939	4215.259	4986.445	2.701	3.391
237.233	1.001	14.761						
11/5/2016 10:00:00 PM	259200.000	25.855	16.903	58.932	4215.420	4986.616	2.701	3.391
237.224	1.001	14.767						
11/5/2016 10:15:00 PM	260100.000	25.856	16.903	58.933	4215.114	4986.224	2.701	3.391
237.242	1.001	14.766						
11/5/2016 10:30:00 PM	261000.000	25.852	16.903	58.925	4215.360	4986.525	2.701	3.391
237.228	1.001	14.769						
11/5/2016 10:45:00 PM	261900.000	25.852	16.903	58.926	4214.896	4985.946	2.700	3.390
237.254	1.001	14.770						
11/5/2016 11:00:00 PM	262800.000	25.852	16.903	58.926	4214.422	4985.396	2.700	3.390

237.280	1.001	14.774						
11/5/2016 11:15:00 PM	263700.000	25.851	16.903	58.922	4213.787	4984.664	2.700	3.390
237.316	1.001	14.776						
11/5/2016 11:30:00 PM	264600.000	25.849	16.903	58.919	4214.188	4985.128	2.700	3.390
237.294	1.001	14.772						
11/5/2016 11:45:00 PM	265500.000	25.859	16.903	58.942	4213.021	4983.807	2.699	3.389
237.359	1.001	14.768						
11/6/2016 12:00:00 AM	266400.000	25.856	16.903	58.933	4213.703	4984.575	2.700	3.390
237.321	1.001	14.769						
11/6/2016 12:15:00 AM	267300.000	25.854	16.903	58.930	4213.686	4984.564	2.700	3.390
237.322	1.001	14.767						
11/6/2016 12:30:00 AM	268200.000	25.869	16.903	58.964	4214.026	4984.947	2.700	3.390
237.303	1.001	14.761						
11/6/2016 12:45:00 AM	269100.000	25.850	16.903	58.920	4213.818	4984.681	2.700	3.390
237.314	1.001	14.773						
11/6/2016 1:00:00 AM	270000.000	25.856	16.903	58.935	4214.141	4985.073	2.700	3.390
237.296	1.001	14.772						
11/6/2016 1:15:00 AM	270900.000	25.853	16.903	58.926	4213.784	4984.671	2.700	3.390
237.316	1.001	14.772						
11/6/2016 1:30:00 AM	271800.000	25.854	16.903	58.928	4214.288	4985.256	2.700	3.390
237.288	1.001	14.769						
11/6/2016 1:45:00 AM	272700.000	25.855	16.903	58.931	4214.434	4985.489	2.700	3.390
237.280	1.001	14.771						
11/6/2016 2:00:00 AM	273600.000	25.853	16.904	58.927	4214.000	4984.855	2.700	3.390
237.304	1.001	14.773						
11/6/2016 2:15:00 AM	274500.000	25.850	16.903	58.921	4213.817	4984.690	2.700	3.390
237.315	1.001	14.775						
11/6/2016 2:30:00 AM	275400.000	25.852	16.904	58.925	4213.580	4984.359	2.700	3.389
237.328	1.001	14.775						
11/6/2016 2:45:00 AM	276300.000	25.861	16.903	58.945	4213.659	4984.503	2.700	3.389
237.323	1.001	14.768						
11/6/2016 2:00:00 AM	277200.000	25.854	16.903	58.930	4213.636	4984.457	2.700	3.389
237.325	1.001	14.775						
11/6/2016 2:15:00 AM	278100.000	25.859	16.903	58.940	4214.304	4985.276	2.700	3.390
237.287	1.001	14.771						
11/6/2016 2:30:00 AM	279000.000	25.854	16.903	58.930	4213.580	4984.430	2.700	3.389
237.328	1.001	14.773						
11/6/2016 2:45:00 AM	279900.000	25.851	16.903	58.922	4213.912	4984.832	2.700	3.390
237.309	1.001	14.776						
11/6/2016 3:00:00 AM	280800.000	25.854	16.903	58.930	4213.567	4984.395	2.700	3.389
237.329	1.001	14.773						
11/6/2016 3:15:00 AM	281700.000	25.851	16.904	58.923	4212.958	4983.644	2.699	3.389
237.363	1.001	14.774						
11/6/2016 3:30:00 AM	282600.000	25.858	16.903	58.939	4212.979	4983.738	2.699	3.389
237.362	1.001	14.769						
11/6/2016 3:45:00 AM	283500.000	25.853	16.904	58.928	4214.004	4984.873	2.700	3.390
237.304	1.001	14.773						
11/6/2016 4:00:00 AM	284400.000	25.848	16.904	58.916	4213.400	4984.146	2.699	3.389
237.338	1.001	14.767						
11/6/2016 4:15:00 AM	285300.000	25.863	16.904	58.949	4214.066	4984.945	2.700	3.390
237.301	1.001	14.757						
11/6/2016 4:30:00 AM	286200.000	25.856	16.903	58.934	4213.991	4984.886	2.700	3.390
237.305	1.001	14.763						
11/6/2016 4:45:00 AM	287100.000	25.856	16.903	58.935	4213.981	4984.875	2.700	3.390
237.305	1.001	14.763						
11/6/2016 5:00:00 AM	288000.000	25.850	16.903	58.919	4214.859	4985.904	2.700	3.390
237.256	1.001	14.770						
11/6/2016 5:15:00 AM	288900.000	25.847	16.903	58.914	4214.701	4985.716	2.700	3.390
237.265	1.001	14.771						
11/6/2016 5:30:00 AM	289800.000	25.854	16.904	58.930	4214.904	4985.946	2.700	3.390
237.253	1.001	14.768						
11/6/2016 5:45:00 AM	290700.000	25.855	16.903	58.931	4214.542	4985.528	2.700	3.390
237.274	1.001	14.765						
11/6/2016 6:00:00 AM	291600.000	25.856	16.903	58.934	4214.091	4985.054	2.700	3.390
237.299	1.001	14.764						
11/6/2016 6:15:00 AM	292500.000	25.855	16.903	58.931	4214.315	4985.290	2.700	3.390
237.286	1.001	14.777						
11/6/2016 6:30:00 AM	293400.000	25.853	16.903	58.928	4213.579	4984.457	2.700	3.389
237.328	1.001	14.773						
11/6/2016 6:45:00 AM	294300.000	25.863	16.904	58.949	4213.850	4984.699	2.700	3.390
237.313	1.001	14.769						
11/6/2016 7:00:00 AM	295200.000	25.855	16.904	58.931	4213.556	4984.342	2.700	3.389
237.329	1.001	14.771						
11/6/2016 7:15:00 AM	296100.000	25.855	16.904	58.932	4212.918	4983.519	2.699	3.389
237.365	1.001	14.777						
11/6/2016 7:30:00 AM	297000.000	25.850	16.903	58.919	4212.653	4983.353	2.699	3.389
237.380	1.001	14.779						
11/6/2016 7:45:00 AM	297900.000	25.861	16.903	58.946	4213.277	4984.032	2.699	3.389
237.345	1.001	14.772						
11/6/2016 8:00:00 AM	298800.000	25.850	16.903	58.920	4212.523	4983.149	2.699	3.389
237.387	1.001	14.783						
11/6/2016 8:15:00 AM	299700.000	25.858	16.903	58.938	4212.598	4983.288	2.699	3.389
237.383	1.001	14.778						
11/6/2016 8:30:00 AM	300600.000	25.854	16.903	58.929	4212.165	4982.726	2.699	3.388
237.408	1.001	14.782						
11/6/2016 8:45:00 AM	301500.000	25.852	16.904	58.925	4212.002	4982.513	2.698	3.388
237.417	1.001	14.784						
11/6/2016 9:00:00 AM	302400.000	25.846	16.903	58.911	4212.631	4983.268	2.699	3.389
237.381	1.001	14.790						
11/6/2016 9:15:00 AM	303300.000	25.851	16.904	58.923	4212.650	4983.251	2.699	3.389
237.380	1.001	14.785						
11/6/2016 9:30:00 AM	304200.000	25.847	16.904	58.913	4212.956	4983.632	2.699	3.389
237.363	1.001	14.793						
11/6/2016 9:45:00 AM	305100.000	25.852	16.903	58.926	4212.271	4982.862	2.699	3.388
237.402	1.001	14.785						
11/6/2016 10:00:00 AM	306000.000	25.861	16.903	58.944	4212.446	4983.068	2.699	3.388
237.392	1.001	14.783						
11/6/2016 10:15:00 AM	306900.000	25.856	16.903	58.933	4211.684	4982.157	2.698	3.388
237.435	1.001	14.786						
11/6/2016 10:30:00 AM	307800.000	25.855	16.903	58.931	4211.936	4982.446	2.698	3.388
237.421	1.001	14.785						
11/6/2016 10:45:00 AM	308700.000	25.849	16.904	58.918	4212.047	4982.558	2.698	3.388
237.414	1.001	14.791						
11/6/2016 11:00:00 AM	309600.000	25.844	16.904	58.907	4211.936	4982.434	2.698	3.388
237.421	1.001	14.795						
11/6/2016 11:15:00 AM	310500.000	25.851	16.904	58.923	4212.069	4982.563	2.698	3.388
237.413	1.001	14.788						
11/6/2016 11:30:00 AM	311400.000	25.850	16.904	58.919	4212.033	4982.549	2.698	3.388
237.415	1.001	14.789						
11/6/2016 11:45:00 AM	312300.000	25.857	16.903	58.935	4211.819	4982.356	2.698	3.388
237.427	1.001	14.784						
11/6/2016 12:00:00 PM	313200.000	25.858	16.904	58.939	4212.368	4982.886	2.699	3.388
237.396	1.001	14.783						
11/6/2016 12:15:00 PM	314100.000	25.860	16.904	58.944	4212.588	4983.186	2.699	3.389
237.394	1.001	14.778						
11/6/2016 12:30:00 PM	315000.000	25.851	16.904	58.923	4212.151	4982.669	2.699	3.388
237.408	1.001	14.787						
11/6/2016 12:45:00 PM	315900.000	25.849	16.904	58.918	4212.513	4983.078	2.699	3.388
237.388	1.001	14.783						
11/6/2016 1:00:00 PM	316800.000	25.851	16.904	58.923	4212.689	4983.305	2.699	3.389
237.378	1.001	14.782						
11/6/2016 1:15:00 PM	317700.000	25.850	16.904	58.920	4212.427	4983.016	2.699	3.388
237.393	1.001	14.785						
11/6/2016 1:30:00 PM	318600.000	25.854	16.903	58.930	4212.946	4983.650	2.699	3.389
237.364	1.001	14.781						
11/6/2016 1:45:00 PM	319500.000	25.857	16.904	58.935	4213.289	4984.026	2.699	3.389
237.344	1.001	14.777						
11/6/2016 2:00:00 PM	320400.000	25.857	16.903	58.935	4213.021	4983.739	2.699	3.389
237.359	1.001	14.775						
11/6/2016 2:15:00 PM	321300.000	25.854	16.903	58.928	4213.492	4984.295	2.699	3.389
237.333	1.001	14.781						
11/6/2016 2:30:00 PM	322200.000	25.850	16.903	58.920	4213.516	4984.324	2.700	3.389
237.331	1.001	14.778						

11/6/2016 2:45:00 PM	323100.000	25.853	16.903	58.928	4213.841	4984.728	2.700	3.390
237.313	1.001	14.782						
11/6/2016 3:00:00 PM	324000.000	25.854	16.904	58.929	4213.753	4984.564	2.700	3.390
237.318	1.001	14.778						
11/6/2016 3:15:00 PM	324900.000	25.854	16.903	58.929	4213.515	4984.362	2.700	3.389
237.332	1.001	14.779						
11/6/2016 3:30:00 PM	325800.000	25.859	16.904	58.940	4213.759	4984.552	2.700	3.389
237.318	1.001	14.778						
11/6/2016 3:45:00 PM	326700.000	25.852	16.903	58.924	4213.004	4983.709	2.699	3.389
237.360	1.001	14.782						
11/6/2016 4:00:00 PM	327600.000	25.853	16.903	58.927	4213.064	4983.790	2.699	3.389
237.357	1.001	14.785						
11/6/2016 4:15:00 PM	328500.000	25.850	16.903	58.920	4212.944	4983.647	2.699	3.389
237.364	1.001	14.784						
11/6/2016 4:30:00 PM	329400.000	25.854	16.903	58.929	4212.926	4983.656	2.699	3.389
237.365	1.001	14.780						
11/6/2016 4:45:00 PM	330300.000	25.855	16.904	58.931	4212.478	4983.046	2.699	3.388
237.390	1.001	14.785						
11/6/2016 5:00:00 PM	331200.000	25.854	16.904	58.929	4211.951	4982.443	2.698	3.388
237.420	1.001	14.785						
11/6/2016 5:15:00 PM	332100.000	25.849	16.903	58.918	4211.898	4982.430	2.698	3.388
237.423	1.001	14.789						
11/6/2016 5:30:00 PM	333000.000	25.853	16.904	58.928	4212.006	4982.488	2.698	3.388
237.417	1.001	14.786						
11/6/2016 5:45:00 PM	333900.000	25.849	16.904	58.918	4212.045	4982.563	2.698	3.388
237.414	1.001	14.796						
11/6/2016 6:00:00 PM	334800.000	25.846	16.904	58.910	4211.626	4982.020	2.698	3.388
237.438	1.001	14.796						
11/6/2016 6:15:00 PM	335700.000	25.854	16.904	58.930	4211.469	4981.853	2.698	3.388
237.447	1.001	14.787						
11/6/2016 6:30:00 PM	336600.000	25.856	16.904	58.933	4211.325	4981.712	2.698	3.388
237.455	1.001	14.790						
11/6/2016 6:45:00 PM	337500.000	25.848	16.904	58.916	4211.365	4981.750	2.698	3.388
237.453	1.001	14.797						
11/6/2016 7:00:00 PM	338400.000	25.853	16.903	58.926	4211.494	4981.952	2.698	3.388
237.445	1.001	14.796						
11/6/2016 7:15:00 PM	339300.000	25.849	16.903	58.918	4211.632	4982.086	2.698	3.388
237.438	1.001	14.798						
11/6/2016 7:30:00 PM	340200.000	25.852	16.904	58.925	4211.810	4982.285	2.698	3.388
237.428	1.001	14.796						
11/6/2016 7:45:00 PM	341100.000	25.845	16.904	58.908	4211.235	4981.586	2.698	3.387
237.460	1.001	14.803						
11/6/2016 8:00:00 PM	342000.000	25.855	16.904	58.932	4211.680	4982.123	2.698	3.388
237.435	1.001	14.794						
11/6/2016 8:15:00 PM	342900.000	25.858	16.904	58.938	4211.386	4981.706	2.698	3.388
237.452	1.001	14.791						
11/6/2016 8:30:00 PM	343800.000	25.853	16.904	58.928	4211.823	4982.232	2.698	3.388
237.427	1.001	14.793						
11/6/2016 8:45:00 PM	344700.000	25.855	16.904	58.931	4210.866	4981.148	2.698	3.387
237.481	1.001	14.794						
11/6/2016 9:00:00 PM	345600.000	25.853	16.904	58.926	4211.686	4982.118	2.698	3.388
237.435	1.001	14.792						
11/6/2016 9:15:00 PM	346500.000	25.849	16.904	58.917	4211.459	4981.822	2.698	3.388
237.447	1.001	14.792						
11/6/2016 9:30:00 PM	347400.000	25.851	16.904	58.922	4211.927	4982.396	2.698	3.388
237.421	1.001	14.785						
11/6/2016 9:45:00 PM	348300.000	25.853	16.904	58.927	4212.431	4982.991	2.699	3.388
237.393	1.001	14.782						
11/6/2016 10:00:00 PM	349200.000	25.860	16.904	58.943	4212.068	4982.531	2.698	3.388
237.413	1.001	14.783						
11/6/2016 10:15:00 PM	350100.000	25.853	16.903	58.926	4212.236	4982.810	2.699	3.388
237.404	1.001	14.788						
11/6/2016 10:30:00 PM	351000.000	25.851	16.904	58.923	4213.054	4983.717	2.699	3.389
237.358	1.001	14.794						
11/6/2016 10:45:00 PM	351900.000	25.856	16.903	58.935	4213.525	4984.325	2.700	3.389
237.331	1.001	14.787						
11/6/2016 11:00:00 PM	352800.000	25.849	16.904	58.919	4212.560	4983.144	2.699	3.389
237.385	1.001	14.791						
11/6/2016 11:15:00 PM	353700.000	25.859	16.903	58.941	4212.945	4983.639	2.699	3.389
237.364	1.001	14.789						
11/6/2016 11:30:00 PM	354600.000	25.852	16.905	58.925	4212.356	4982.773	2.699	3.388
237.397	1.001	14.791						
11/6/2016 11:45:00 PM	355500.000	25.855	16.904	58.931	4212.299	4982.796	2.699	3.388
237.400	1.001	14.789						
11/7/2016 12:00:00 AM	356400.000	25.852	16.904	58.924	4211.726	4982.088	2.698	3.388
237.432	1.001	14.789						
11/7/2016 12:15:00 AM	357300.000	25.860	16.904	58.942	4212.310	4982.809	2.699	3.388
237.399	1.001	14.785						
11/7/2016 12:30:00 AM	358200.000	25.861	16.904	58.944	4212.457	4983.022	2.699	3.388
237.391	1.001	14.783						
11/7/2016 12:45:00 AM	359100.000	25.853	16.904	58.928	4211.783	4982.214	2.698	3.388
237.429	1.001	14.790						
11/7/2016 1:00:00 AM	360000.000	25.855	16.904	58.931	4212.249	4982.745	2.699	3.388
237.403	1.001	14.790						
11/7/2016 1:15:00 AM	360900.000	25.858	16.904	58.939	4212.013	4982.478	2.698	3.388
237.416	1.001	14.787						
11/7/2016 1:30:00 AM	361800.000	25.849	16.904	58.917	4211.999	4982.480	2.698	3.388
237.417	1.001	14.793						
11/7/2016 1:45:00 AM	362700.000	25.853	16.904	58.927	4211.448	4981.770	2.698	3.388
237.448	1.001	14.788						
11/7/2016 2:00:00 AM	363600.000	25.855	16.904	58.932	4212.180	4982.714	2.699	3.388
237.407	1.001	14.787						
11/7/2016 2:15:00 AM	364500.000	25.857	16.904	58.935	4211.849	4982.322	2.698	3.388
237.425	1.001	14.786						
11/7/2016 2:30:00 AM	365400.000	25.853	16.904	58.928	4211.853	4982.328	2.698	3.388
237.425	1.001	14.788						
11/7/2016 2:45:00 AM	366300.000	25.861	16.904	58.945	4212.061	4982.534	2.698	3.388
237.413	1.001	14.781						
11/7/2016 3:00:00 AM	367200.000	25.852	16.904	58.924	4211.903	4982.308	2.698	3.388
237.422	1.001	14.787						
11/7/2016 3:15:00 AM	368100.000	25.849	16.904	58.919	4212.294	4982.780	2.699	3.388
237.400	1.001	14.790						
11/7/2016 3:30:00 AM	369000.000	25.854	16.904	58.930	4212.088	4982.594	2.699	3.388
237.412	1.001	14.783						
11/7/2016 3:45:00 AM	369900.000	25.848	16.904	58.917	4212.042	4982.511	2.698	3.388
237.415	1.001	14.788						
11/7/2016 4:00:00 AM	370800.000	25.850	16.903	58.919	4212.073	4982.608	2.699	3.388
237.413	1.001	14.788						
11/7/2016 4:15:00 AM	371700.000	25.852	16.903	58.925	4212.158	4982.717	2.699	3.388
237.408	1.001	14.787						
11/7/2016 4:30:00 AM	372600.000	25.850	16.904	58.919	4210.965	4981.278	2.698	3.387
237.475	1.001	14.795						
11/7/2016 4:45:00 AM	373500.000	25.864	16.904	58.951	4211.344	4981.656	2.698	3.388
237.454	1.001	14.789						
11/7/2016 5:00:00 AM	374400.000	25.855	16.904	58.932	4211.186	4981.519	2.698	3.387
237.463	1.001	14.790						
11/7/2016 5:15:00 AM	375300.000	25.856	16.904	58.933	4211.320	4981.686	2.698	3.388
237.455	1.001	14.792						
11/7/2016 5:30:00 AM	376200.000	25.852	16.904	58.924	4211.026	4981.280	2.698	3.387
237.472	1.001	14.795						
11/7/2016 5:45:00 AM	377100.000	25.853	16.904	58.927	4211.063	4981.382	2.698	3.387
237.470	1.001	14.791						
11/7/2016 6:00:00 AM	378000.000	25.851	16.904	58.922	4211.458	4981.849	2.698	3.388
237.447	1.001	14.795						
11/7/2016 6:15:00 AM	378900.000	25.850	16.904	58.921	4211.065	4981.337	2.698	3.387
237.470	1.001	14.794						
11/7/2016 6:30:00 AM	379800.000	25.863	16.904	58.950	4211.001	4981.261	2.698	3.387
237.473	1.001	14.787						
11/7/2016 6:45:00 AM	380700.000	25.858	16.904	58.938	4211.542	4981.891	2.698	3.388
237.443	1.001	14.788						
11/7/2016 7:00:00 AM	381600.000	25.856	16.904	58.934	4211.240	4981.611	2.698	3.387
237.460	1.001	14.799						
11/7/2016 7:15:00 AM	382500.000	25.852	16.904	58.926	4212.113	4982.624	2.699	3.388

237.411	1.001	14.794						
11/7/2016 7:30:00 AM	383400.000	25.855	16.904	58.931	4211.369	4981.715	2.698	3.388
237.452	1.001	14.802						
11/7/2016 7:45:00 AM	384300.000	25.853	16.904	58.927	4212.496	4983.009	2.699	3.388
237.389	1.001	14.802						
11/7/2016 8:00:00 AM	385200.000	25.849	16.904	58.918	4211.483	4981.891	2.698	3.388
237.446	1.001	14.801						
11/7/2016 8:15:00 AM	386100.000	25.852	16.904	58.926	4211.200	4981.457	2.698	3.387
237.462	1.001	14.806						
11/7/2016 8:30:00 AM	387000.000	25.857	16.904	58.935	4210.705	4980.891	2.698	3.387
237.490	1.001	14.802						
11/7/2016 8:45:00 AM	387900.000	25.852	16.904	58.925	4210.375	4980.500	2.697	3.387
237.509	1.001	14.807						
11/7/2016 9:00:00 AM	388800.000	25.858	16.904	58.938	4210.187	4980.267	2.697	3.387
237.519	1.001	14.800						
11/7/2016 9:15:00 AM	389700.000	25.851	16.904	58.922	4210.372	4980.486	2.697	3.387
237.509	1.001	14.807						
11/7/2016 9:30:00 AM	390600.000	25.845	16.904	58.909	4210.209	4980.324	2.697	3.387
237.518	1.001	14.812						
11/7/2016 9:45:00 AM	391500.000	25.858	16.904	58.939	4210.395	4980.543	2.697	3.387
237.507	1.001	14.793						
11/7/2016 10:00:00 AM	392400.000	25.855	16.904	58.930	4210.330	4980.456	2.697	3.387
237.511	1.001	14.800						
11/7/2016 10:15:00 AM	393300.000	25.854	16.904	58.929	4210.564	4980.792	2.697	3.387
237.498	1.001	14.798						
11/7/2016 10:30:00 AM	394200.000	25.852	16.904	58.925	4211.320	4981.646	2.698	3.388
237.455	1.001	14.798						
11/7/2016 10:45:00 AM	395100.000	25.863	16.905	58.950	4210.814	4980.989	2.698	3.387
237.484	1.001	14.794						
11/7/2016 11:00:00 AM	396000.000	25.854	16.904	58.930	4211.699	4982.076	2.698	3.388
237.434	1.001	14.795						
11/7/2016 11:15:00 AM	396900.000	25.857	16.904	58.937	4211.619	4982.011	2.698	3.388
237.438	1.001	14.791						
11/7/2016 11:30:00 AM	397800.000	25.865	16.904	58.954	4212.244	4982.731	2.699	3.388
237.403	1.001	14.785						
11/7/2016 11:45:00 AM	398700.000	25.853	16.903	58.928	4211.762	4982.308	2.698	3.388
237.430	1.001	14.792						
11/7/2016 12:00:00 PM	399600.000	25.852	16.904	58.925	4212.180	4982.645	2.699	3.388
237.407	1.001	14.787						
11/7/2016 12:15:00 PM	400500.000	25.866	16.904	58.957	4212.109	4982.620	2.699	3.388
237.411	1.001	14.775						
11/7/2016 12:30:00 PM	401400.000	25.867	16.904	58.959	4213.249	4983.958	2.699	3.389
237.347	1.001	14.768						
11/7/2016 12:45:00 PM	402300.000	25.865	16.903	58.955	4213.426	4984.208	2.699	3.389
237.337	1.001	14.772						
11/7/2016 1:00:00 PM	403200.000	25.865	16.904	58.954	4212.972	4983.660	2.699	3.389
237.362	1.001	14.771						
11/7/2016 1:15:00 PM	404100.000	25.862	16.904	58.949	4212.713	4983.354	2.699	3.389
237.377	1.001	14.769						
11/7/2016 1:30:00 PM	405000.000	25.858	16.903	58.938	4213.863	4984.734	2.700	3.390
237.312	1.001	14.773						
11/7/2016 1:45:00 PM	405900.000	25.858	16.904	58.939	4212.980	4983.650	2.699	3.389
237.362	1.001	14.770						
11/7/2016 2:00:00 PM	406800.000	25.862	16.904	58.947	4213.683	4984.481	2.700	3.389
237.322	1.001	14.765						
11/7/2016 2:15:00 PM	407700.000	25.860	16.904	58.942	4213.595	4984.396	2.700	3.389
237.327	1.001	14.768						
11/7/2016 2:30:00 PM	408600.000	25.862	16.904	58.947	4213.571	4984.349	2.700	3.389
237.328	1.001	14.770						
11/7/2016 2:45:00 PM	409500.000	25.857	16.903	58.935	4214.063	4985.011	2.700	3.390
237.301	1.001	14.772						
11/7/2016 3:00:00 PM	410400.000	25.858	16.904	58.937	4213.974	4984.817	2.700	3.390
237.306	1.001	14.772						
11/7/2016 3:15:00 PM	411300.000	25.853	16.904	58.926	4213.761	4984.554	2.700	3.389
237.318	1.001	14.775						
11/7/2016 3:30:00 PM	412200.000	25.858	16.904	58.938	4213.654	4984.438	2.700	3.389
237.324	1.001	14.777						
11/7/2016 3:45:00 PM	413100.000	25.859	16.904	58.941	4213.818	4984.553	2.700	3.389
237.314	1.001	14.777						
11/7/2016 4:00:00 PM	414000.000	25.854	16.904	58.929	4213.505	4984.183	2.699	3.389
237.332	1.001	14.779						
11/7/2016 4:15:00 PM	414900.000	25.855	16.904	58.932	4213.282	4983.967	2.699	3.389
237.345	1.001	14.780						
11/7/2016 4:30:00 PM	415800.000	25.862	16.904	58.948	4213.219	4983.893	2.699	3.389
237.348	1.001	14.777						
11/7/2016 4:45:00 PM	416700.000	25.848	16.904	58.916	4212.465	4983.000	2.699	3.388
237.391	1.001	14.783						
11/7/2016 5:00:00 PM	417600.000	25.849	16.904	58.918	4213.092	4983.724	2.699	3.389
237.355	1.001	14.786						
11/7/2016 5:15:00 PM	418500.000	25.859	16.904	58.940	4212.439	4982.932	2.699	3.388
237.392	1.001	14.777						
11/7/2016 5:30:00 PM	419400.000	25.852	16.904	58.925	4212.394	4982.908	2.699	3.388
237.395	1.001	14.786						
11/7/2016 5:45:00 PM	420300.000	25.858	16.903	58.938	4212.029	4982.575	2.698	3.388
237.415	1.001	14.783						
11/7/2016 6:00:00 PM	421200.000	25.848	16.904	58.916	4212.495	4983.008	2.699	3.388
237.389	1.001	14.790						
11/7/2016 6:15:00 PM	422100.000	25.853	16.904	58.928	4212.205	4982.733	2.699	3.388
237.405	1.001	14.787						
11/7/2016 6:30:00 PM	423000.000	25.866	16.904	58.956	4212.235	4982.749	2.699	3.388
237.404	1.001	14.780						
11/7/2016 6:45:00 PM	423900.000	25.852	16.904	58.925	4212.234	4982.688	2.699	3.388
237.404	1.001	14.789						
11/7/2016 7:00:00 PM	424800.000	25.847	16.904	58.914	4211.514	4981.887	2.698	3.388
237.444	1.001	14.792						
11/7/2016 7:15:00 PM	425700.000	25.856	16.904	58.934	4211.314	4981.621	2.698	3.388
237.456	1.001	14.787						
11/7/2016 7:30:00 PM	426600.000	25.854	16.905	58.930	4211.800	4982.136	2.698	3.388
237.428	1.001	14.790						
11/7/2016 7:45:00 PM	427500.000	25.856	16.904	58.935	4211.699	4982.076	2.698	3.388
237.434	1.001	14.788						
11/7/2016 8:00:00 PM	428400.000	25.855	16.904	58.932	4211.961	4982.366	2.698	3.388
237.419	1.001	14.787						
11/7/2016 8:15:00 PM	429300.000	25.851	16.904	58.924	4211.384	4981.713	2.698	3.388
237.452	1.001	14.788						
11/7/2016 8:30:00 PM	430200.000	25.857	16.905	58.936	4211.517	4981.821	2.698	3.388
237.444	1.001	14.784						
11/7/2016 8:45:00 PM	431100.000	25.862	16.905	58.947	4211.081	4981.285	2.698	3.387
237.469	1.001	14.784						
11/7/2016 9:00:00 PM	432000.000	25.858	16.904	58.938	4211.740	4982.163	2.698	3.388
237.432	1.001	14.783						
11/7/2016 9:15:00 PM	432900.000	25.863	16.904	58.950	4211.687	4982.080	2.698	3.388
237.435	1.001	14.779						
11/7/2016 9:30:00 PM	433800.000	25.861	16.904	58.944	4211.915	4982.381	2.698	3.388
237.422	1.001	14.783						
11/7/2016 9:45:00 PM	434700.000	25.860	16.904	58.944	4211.399	4981.712	2.698	3.388
237.451	1.001	14.780						
11/7/2016 10:00:00 PM	435600.000	25.860	16.904	58.942	4211.167	4981.426	2.698	3.387
237.464	1.001	14.779						
11/7/2016 10:15:00 PM	436500.000	25.856	16.904	58.934	4211.579	4981.992	2.698	3.388
237.441	1.001	14.784						
11/7/2016 10:30:00 PM	437400.000	25.853	16.904	58.928	4212.121	4982.546	2.698	3.388
237.410	1.001	14.784						
11/7/2016 10:45:00 PM	438300.000	25.856	16.904	58.935	4211.466	4981.819	2.698	3.388
237.447	1.001	14.785						
11/7/2016 11:00:00 PM	439200.000	25.863	16.904	58.950	4211.260	4981.595	2.698	3.387
237.459	1.001	14.780						
11/7/2016 11:15:00 PM	440100.000	25.852	16.904	58.924	4211.672	4982.083	2.698	3.388
237.435	1.001	14.786						
11/7/2016 11:30:00 PM	441000.000	25.861	16.904	58.946	4211.802	4982.256	2.698	3.388
237.428	1.001	14.779						
11/7/2016 11:45:00 PM	441900.000	25.859	16.904	58.940	4211.600	4981.969	2.698	3.388
237.439	1.001	14.783						

11/8/2016 12:00:00 AM	442800.000	25.866	16.904	58.957	4211.369	4981.665	2.698	3.388
237.452	1.001	14.776						
11/8/2016 12:15:00 AM	443700.000	25.863	16.904	58.951	4211.773	4982.193	2.698	3.388
237.430	1.001	14.776						
11/8/2016 12:30:00 AM	444600.000	25.867	16.904	58.958	4212.306	4982.833	2.699	3.388
237.400	1.001	14.773						
11/8/2016 12:45:00 AM	445500.000	25.854	16.904	58.930	4211.985	4982.433	2.698	3.388
237.418	1.001	14.779						
11/8/2016 1:00:00 AM	446400.000	25.863	16.904	58.949	4212.107	4982.559	2.698	3.388
237.411	1.001	14.776						
11/8/2016 1:15:00 AM	447300.000	25.864	16.904	58.953	4211.190	4981.492	2.698	3.387
237.463	1.001	14.777						
11/8/2016 1:30:00 AM	448200.000	25.856	16.904	58.935	4211.996	4982.407	2.698	3.388
237.417	1.001	14.781						
11/8/2016 1:45:00 AM	449100.000	25.861	16.904	58.945	4211.708	4982.125	2.698	3.388
237.433	1.001	14.778						
11/8/2016 2:00:00 AM	450000.000	25.864	16.904	58.951	4211.852	4982.275	2.698	3.388
237.425	1.001	14.778						
11/8/2016 2:15:00 AM	450900.000	25.859	16.904	58.940	4211.353	4981.705	2.698	3.388
237.453	1.001	14.777						
11/8/2016 2:30:00 AM	451800.000	25.862	16.904	58.947	4211.412	4981.726	2.698	3.388
237.450	1.001	14.773						
11/8/2016 2:45:00 AM	452700.000	25.862	16.904	58.947	4210.990	4981.208	2.698	3.387
237.474	1.001	14.774						
11/8/2016 3:00:00 AM	453600.000	25.857	16.904	58.935	4212.163	4982.595	2.699	3.388
237.408	1.001	14.772						
11/8/2016 3:15:00 AM	454500.000	25.858	16.904	58.938	4211.757	4982.155	2.698	3.388
237.431	1.001	14.775						
11/8/2016 3:30:00 AM	455400.000	25.859	16.904	58.941	4211.857	4982.273	2.698	3.388
237.425	1.001	14.773						
11/8/2016 3:45:00 AM	456300.000	25.864	16.903	58.952	4211.560	4982.001	2.698	3.388
237.442	1.001	14.772						
11/8/2016 4:00:00 AM	457200.000	25.856	16.904	58.933	4211.240	4981.503	2.698	3.387
237.460	1.001	14.774						
11/8/2016 4:15:00 AM	458100.000	25.857	16.904	58.936	4211.967	4982.364	2.698	3.388
237.419	1.001	14.772						
11/8/2016 4:30:00 AM	459000.000	25.856	16.904	58.934	4211.541	4981.859	2.698	3.388
237.443	1.001	14.775						
11/8/2016 4:45:00 AM	459900.000	25.865	16.904	58.953	4211.505	4981.817	2.698	3.388
237.445	1.001	14.769						
11/8/2016 5:00:00 AM	460800.000	25.862	16.905	58.947	4211.188	4981.422	2.698	3.387
237.463	1.001	14.773						
11/8/2016 5:15:00 AM	461700.000	25.861	16.904	58.945	4211.744	4982.129	2.698	3.388
237.431	1.001	14.775						
11/8/2016 5:30:00 AM	462600.000	25.853	16.904	58.927	4210.921	4981.195	2.698	3.387
237.478	1.001	14.778						
11/8/2016 5:45:00 AM	463500.000	25.863	16.905	58.950	4211.046	4981.264	2.698	3.387
237.471	1.001	14.779						
11/8/2016 6:00:00 AM	464400.000	25.854	16.905	58.928	4210.625	4980.738	2.697	3.387
237.494	1.001	14.782						
11/8/2016 6:15:00 AM	465300.000	25.860	16.905	58.942	4210.628	4980.701	2.697	3.387
237.494	1.001	14.778						
11/8/2016 6:30:00 AM	466200.000	25.862	16.904	58.948	4210.768	4980.945	2.698	3.387
237.486	1.001	14.777						
11/8/2016 6:45:00 AM	467100.000	25.859	16.905	58.940	4210.033	4980.006	2.697	3.386
237.528	1.001	14.783						
11/8/2016 7:00:00 AM	468000.000	25.854	16.905	58.930	4210.174	4980.212	2.697	3.387
237.520	1.001	14.791						
11/8/2016 7:15:00 AM	468900.000	25.860	16.904	58.943	4210.374	4980.479	2.697	3.387
237.509	1.001	14.788						
11/8/2016 7:30:00 AM	469800.000	25.859	16.904	58.940	4209.989	4980.091	2.697	3.386
237.530	1.001	14.788						
11/8/2016 7:45:00 AM	470700.000	25.857	16.904	58.935	4209.945	4979.991	2.697	3.386
237.533	1.001	14.791						
11/8/2016 8:00:00 AM	471600.000	25.853	16.904	58.927	4209.942	4980.008	2.697	3.386
237.533	1.001	14.800						
11/8/2016 8:15:00 AM	472500.000	25.853	16.904	58.926	4209.480	4979.509	2.697	3.386
237.559	1.001	14.800						
11/8/2016 8:30:00 AM	473400.000	25.849	16.904	58.917	4208.888	4978.781	2.696	3.386
237.592	1.001	14.806						
11/8/2016 8:45:00 AM	474300.000	25.858	16.904	58.938	4209.366	4979.296	2.697	3.386
237.565	1.001	14.800						
11/8/2016 9:00:00 AM	475200.000	25.850	16.906	58.920	4209.066	4978.804	2.696	3.386
237.582	1.001	14.807						
11/8/2016 9:15:00 AM	476100.000	25.853	16.905	58.928	4208.003	4977.625	2.696	3.385
237.642	1.001	14.807						
11/8/2016 9:30:00 AM	477000.000	25.855	16.905	58.930	4208.405	4978.090	2.696	3.385
237.620	1.001	14.806						
11/8/2016 9:45:00 AM	477900.000	25.858	16.905	58.939	4208.716	4978.458	2.696	3.385
237.602	1.001	14.802						
11/8/2016 10:00:00 AM	478800.000	25.853	16.904	58.927	4209.066	4978.992	2.696	3.386
237.582	1.001	14.800						
11/8/2016 10:15:00 AM	479700.000	25.856	16.906	58.934	4208.248	4977.826	2.696	3.385
237.629	1.001	14.800						
11/8/2016 10:30:00 AM	480600.000	25.863	16.905	58.950	4209.114	4978.969	2.696	3.386
237.580	1.001	14.801						
11/8/2016 10:45:00 AM	481500.000	25.856	16.905	58.935	4209.481	4979.413	2.697	3.386
237.559	1.001	14.796						
11/8/2016 11:00:00 AM	482400.000	25.854	16.905	58.930	4209.221	4979.085	2.696	3.386
237.574	1.001	14.797						
11/8/2016 11:15:00 AM	483300.000	25.858	16.905	58.938	4209.647	4979.540	2.697	3.386
237.550	1.001	14.790						
11/8/2016 11:30:00 AM	484200.000	25.858	16.905	58.939	4208.907	4978.725	2.696	3.386
237.591	1.001	14.788						
11/8/2016 11:45:00 AM	485100.000	25.857	16.904	58.935	4210.204	4980.308	2.697	3.387
237.518	1.001	14.789						
11/8/2016 12:00:00 PM	486000.000	25.864	16.905	58.951	4210.199	4980.252	2.697	3.387
237.518	1.001	14.781						
11/8/2016 12:15:00 PM	486900.000	25.860	16.905	58.944	4209.802	4979.792	2.697	3.386
237.541	1.001	14.784						
11/8/2016 12:30:00 PM	487800.000	25.857	16.904	58.936	4210.614	4980.763	2.697	3.387
237.495	1.001	14.780						
11/8/2016 12:45:00 PM	488700.000	25.863	16.904	58.951	4210.752	4980.927	2.698	3.387
237.487	1.001	14.781						
11/8/2016 1:00:00 PM	489600.000	25.859	16.904	58.941	4210.877	4981.114	2.698	3.387
237.480	1.001	14.780						
11/8/2016 1:15:00 PM	490500.000	25.862	16.904	58.948	4210.384	4980.511	2.697	3.387
237.508	1.001	14.773						
11/8/2016 1:30:00 PM	491400.000	25.858	16.904	58.939	4210.881	4981.108	2.698	3.387
237.480	1.001	14.776						
11/8/2016 1:45:00 PM	492300.000	25.861	16.904	58.944	4211.112	4981.412	2.698	3.387
237.467	1.001	14.771						
11/8/2016 2:00:00 PM	493200.000	25.860	16.904	58.942	4211.873	4982.272	2.698	3.388
237.424	1.001	14.775						
11/8/2016 2:15:00 PM	494100.000	25.865	16.904	58.955	4212.302	4982.790	2.699	3.388
237.400	1.001	14.769						
11/8/2016 2:30:00 PM	495000.000	25.860	16.904	58.944	4212.397	4982.892	2.699	3.388
237.395	1.001	14.769						
11/8/2016 2:45:00 PM	495900.000	25.856	16.905	58.933	4212.017	4982.344	2.698	3.388
237.416	1.001	14.779						
11/8/2016 3:00:00 PM	496800.000	25.859	16.904	58.940	4211.541	4981.958	2.698	3.388
237.443	1.001	14.776						
11/8/2016 3:15:00 PM	497700.000	25.866	16.904	58.956	4212.640	4983.188	2.699	3.389
237.381	1.001	14.766						
11/8/2016 3:30:00 PM	498600.000	25.866	16.905	58.956	4212.054	4982.406	2.698	3.388
237.414	1.001	14.767						
11/8/2016 3:45:00 PM	499500.000	25.860	16.904	58.942	4212.514	4983.040	2.699	3.388
237.388	1.001	14.774						
11/8/2016 4:00:00 PM	500400.000	25.862	16.904	58.948	4212.302	4982.819	2.699	3.388
237.400	1.001	14.767						
11/8/2016 4:15:00 PM	501300.000	25.861	16.905	58.945	4211.928	4982.307	2.698	3.388
237.421	1.001	14.768						
11/8/2016 4:30:00 PM	502200.000	25.859	16.904	58.940	4212.225	4982.668	2.699	3.388

237.404	1.001	14.771						
11/8/2016 4:45:00 PM	503100.000	25.853	16.905	58.927	4211.658	4981.968	2.698	3.388
237.436	1.001	14.777						
11/8/2016 5:00:00 PM	504000.000	25.860	16.905	58.944	4211.717	4982.029	2.698	3.388
237.433	1.001	14.771						
11/8/2016 5:15:00 PM	504900.000	25.861	16.905	58.944	4212.056	4982.430	2.698	3.388
237.414	1.001	14.772						
11/8/2016 5:30:00 PM	505800.000	25.867	16.905	58.959	4211.494	4981.753	2.698	3.388
237.445	1.001	14.769						
11/8/2016 5:45:00 PM	506700.000	25.856	16.904	58.934	4211.894	4982.307	2.698	3.388
237.423	1.001	14.775						
11/8/2016 6:00:00 PM	507600.000	25.860	16.905	58.942	4211.669	4981.951	2.698	3.388
237.436	1.001	14.777						
11/8/2016 6:15:00 PM	508500.000	25.869	16.905	58.963	4211.020	4981.223	2.698	3.387
237.472	1.001	14.772						
11/8/2016 6:30:00 PM	509400.000	25.858	16.904	58.939	4211.527	4981.873	2.698	3.388
237.444	1.001	14.777						
11/8/2016 6:45:00 PM	510300.000	25.860	16.905	58.943	4210.743	4980.885	2.698	3.387
237.488	1.001	14.781						
11/8/2016 7:00:00 PM	511200.000	25.859	16.904	58.940	4210.852	4981.054	2.698	3.387
237.482	1.001	14.781						
11/8/2016 7:15:00 PM	512100.000	25.857	16.904	58.936	4210.726	4980.904	2.698	3.387
237.489	1.001	14.781						
11/8/2016 7:30:00 PM	513000.000	25.857	16.904	58.935	4211.120	4981.362	2.698	3.387
237.467	1.001	14.784						
11/8/2016 7:45:00 PM	513900.000	25.855	16.905	58.931	4210.623	4980.744	2.697	3.387
237.495	1.001	14.786						
11/8/2016 8:00:00 PM	514800.000	25.863	16.905	58.950	4210.365	4980.438	2.697	3.387
237.509	1.001	14.786						
11/8/2016 8:15:00 PM	515700.000	25.855	16.905	58.932	4210.155	4980.182	2.697	3.387
237.521	1.001	14.789						
11/8/2016 8:30:00 PM	516600.000	25.864	16.905	58.953	4209.871	4979.824	2.697	3.386
237.537	1.001	14.785						
11/8/2016 8:45:00 PM	517500.000	25.849	16.905	58.919	4210.198	4980.241	2.697	3.387
237.519	1.001	14.794						
11/8/2016 9:00:00 PM	518400.000	25.856	16.905	58.933	4209.999	4980.025	2.697	3.386
237.530	1.001	14.789						
11/8/2016 9:15:00 PM	519300.000	25.859	16.905	58.940	4209.922	4979.935	2.697	3.386
237.534	1.001	14.785						
11/8/2016 9:30:00 PM	520200.000	25.860	16.905	58.942	4210.031	4980.014	2.697	3.386
237.528	1.001	14.792						
11/8/2016 9:45:00 PM	521100.000	25.857	16.905	58.935	4209.382	4979.276	2.697	3.386
237.565	1.001	14.794						
11/8/2016 10:00:00 PM	522000.000	25.851	16.905	58.923	4209.688	4979.607	2.697	3.386
237.547	1.001	14.797						
11/8/2016 10:15:00 PM	522900.000	25.853	16.904	58.928	4209.603	4979.576	2.697	3.386
237.552	1.001	14.796						
11/8/2016 10:30:00 PM	523800.000	25.855	16.905	58.933	4209.590	4979.482	2.697	3.386
237.553	1.001	14.796						
11/8/2016 10:45:00 PM	524700.000	25.849	16.904	58.919	4209.631	4979.609	2.697	3.386
237.551	1.001	14.805						
11/8/2016 11:00:00 PM	525600.000	25.853	16.905	58.926	4209.276	4979.121	2.697	3.386
237.571	1.001	14.799						
11/8/2016 11:15:00 PM	526500.000	25.860	16.905	58.943	4209.508	4979.346	2.697	3.386
237.557	1.001	14.795						
11/8/2016 11:30:00 PM	527400.000	25.864	16.905	58.952	4208.667	4978.390	2.696	3.385
237.605	1.001	14.791						
11/8/2016 11:45:00 PM	528300.000	25.856	16.904	58.933	4209.195	4979.085	2.696	3.386
237.575	1.001	14.795						
11/9/2016 12:00:00 AM	529200.000	25.864	16.905	58.952	4208.840	4978.556	2.696	3.385
237.595	1.001	14.784						
11/9/2016 12:15:00 AM	530100.000	25.862	16.905	58.948	4208.687	4978.434	2.696	3.385
237.604	1.001	14.786						
11/9/2016 12:30:00 AM	531000.000	25.855	16.905	58.933	4210.005	4979.983	2.697	3.386
237.529	1.001	14.789						
11/9/2016 12:45:00 AM	531900.000	25.859	16.905	58.940	4209.416	4979.307	2.697	3.386
237.563	1.001	14.786						
11/9/2016 1:00:00 AM	532800.000	25.860	16.905	58.944	4210.403	4980.454	2.697	3.387
237.507	1.001	14.781						
11/9/2016 1:15:00 AM	533700.000	25.861	16.905	58.946	4209.996	4979.953	2.697	3.386
237.530	1.001	14.782						
11/9/2016 1:30:00 AM	534600.000	25.867	16.905	58.958	4210.489	4980.604	2.697	3.387
237.502	1.001	14.779						
11/9/2016 1:45:00 AM	535500.000	25.859	16.905	58.941	4210.132	4980.143	2.697	3.386
237.522	1.001	14.783						
11/9/2016 2:00:00 AM	536400.000	25.859	16.905	58.940	4210.405	4980.417	2.697	3.387
237.507	1.001	14.782						
11/9/2016 2:15:00 AM	537300.000	25.861	16.905	58.944	4210.995	4981.144	2.698	3.387
237.474	1.001	14.783						
11/9/2016 2:30:00 AM	538200.000	25.862	16.905	58.947	4210.982	4981.148	2.698	3.387
237.474	1.001	14.781						
11/9/2016 2:45:00 AM	539100.000	25.852	16.905	58.925	4210.464	4980.507	2.697	3.387
237.503	1.001	14.781						
11/9/2016 3:00:00 AM	540000.000	25.856	16.905	58.933	4210.549	4980.577	2.697	3.387
237.499	1.001	14.781						
11/9/2016 3:15:00 AM	540900.000	25.866	16.905	58.957	4210.224	4980.223	2.697	3.387
237.517	1.001	14.774						
11/9/2016 3:30:00 AM	541800.000	25.864	16.905	58.952	4210.329	4980.387	2.697	3.387
237.511	1.001	14.774						
11/9/2016 3:45:00 AM	542700.000	25.863	16.905	58.950	4210.662	4980.800	2.697	3.387
237.492	1.001	14.771						
11/9/2016 4:00:00 AM	543600.000	25.859	16.905	58.940	4210.934	4981.111	2.698	3.387
237.477	1.001	14.772						
11/9/2016 4:15:00 AM	544500.000	25.862	16.905	58.947	4210.907	4981.040	2.698	3.387
237.479	1.001	14.770						
11/9/2016 4:30:00 AM	545400.000	25.866	16.905	58.956	4211.037	4981.253	2.698	3.387
237.471	1.001	14.766						
11/9/2016 4:45:00 AM	546300.000	25.869	16.906	58.963	4211.270	4981.400	2.698	3.387
237.458	1.001	14.767						
11/9/2016 5:00:00 AM	547200.000	25.860	16.905	58.944	4211.448	4981.711	2.698	3.388
237.448	1.001	14.771						
11/9/2016 5:15:00 AM	548100.000	25.854	16.905	58.930	4210.776	4980.925	2.698	3.387
237.486	1.001	14.776						
11/9/2016 5:30:00 AM	549000.000	25.873	16.905	58.972	4211.388	4981.609	2.698	3.387
237.451	1.001	14.764						
11/9/2016 5:45:00 AM	549900.000	25.858	16.905	58.939	4211.426	4981.625	2.698	3.388
237.449	1.001	14.772						
11/9/2016 6:00:00 AM	550800.000	25.867	16.905	58.959	4210.846	4980.988	2.698	3.387
237.482	1.001	14.764						
11/9/2016 6:15:00 AM	551700.000	25.860	16.905	58.943	4210.892	4981.012	2.698	3.387
237.479	1.001	14.772						
11/9/2016 6:30:00 AM	552600.000	25.862	16.905	58.949	4210.297	4980.329	2.697	3.387
237.513	1.001	14.771						
11/9/2016 6:45:00 AM	553500.000	25.857	16.905	58.936	4210.208	4980.222	2.697	3.387
237.518	1.001	14.775						
11/9/2016 7:00:00 AM	554400.000	25.871	16.905	58.968	4210.486	4980.503	2.697	3.387
237.502	1.001	14.770						
11/9/2016 7:15:00 AM	555300.000	25.855	16.905	58.931	4210.052	4980.088	2.697	3.386
237.527	1.001	14.781						
11/9/2016 7:30:00 AM	556200.000	25.863	16.905	58.950	4210.036	4980.000	2.697	3.386
237.528	1.001	14.775						
11/9/2016 7:45:00 AM	557100.000	25.853	16.905	58.926	4209.264	4979.136	2.697	3.386
237.571	1.001	14.781						
11/9/2016 8:00:00 AM	558000.000	25.865	16.905	58.953	4209.680	4979.608	2.697	3.386
237.548	1.001	14.776						
11/9/2016 8:15:00 AM	558900.000	25.859	16.905	58.941	4209.434	4979.258	2.697	3.386
237.562	1.001	14.781						
11/9/2016 8:30:00 AM	559800.000	25.854	16.905	58.930	4209.542	4979.466	2.697	3.386
237.556	1.001	14.784						
11/9/2016 8:45:00 AM	560700.000	25.858	16.905	58.939	4209.523	4979.375	2.697	3.386
237.557	1.001	14.777						
11/9/2016 9:00:00 AM	561600.000	25.866	16.905	58.956	4208.877	4978.610	2.696	3.385
237.593	1.001	14.769						

11/9/2016 9:15:00 AM	562500.000	25.861	16.905	58.945	4209.587	4979.459	2.697	3.386
237.553	1.001	14.773						
11/9/2016 9:30:00 AM	563400.000	25.861	16.906	58.946	4209.207	4978.941	2.696	3.386
237.574	1.001	14.772						
11/9/2016 9:45:00 AM	564300.000	25.864	16.905	58.951	4209.453	4979.311	2.697	3.386
237.561	1.001	14.770						
11/9/2016 10:00:00 AM	565200.000	25.862	16.905	58.948	4208.943	4978.717	2.696	3.386
237.589	1.001	14.765						
11/9/2016 10:15:00 AM	566100.000	25.865	16.905	58.954	4209.424	4979.246	2.697	3.386
237.562	1.001	14.766						
11/9/2016 10:30:00 AM	567000.000	25.862	16.905	58.948	4209.907	4979.847	2.697	3.386
237.535	1.001	14.767						
11/9/2016 10:45:00 AM	567900.000	25.860	16.905	58.942	4210.219	4980.197	2.697	3.387
237.517	1.001	14.768						
11/9/2016 11:00:00 AM	568800.000	25.867	16.905	58.959	4209.951	4979.968	2.697	3.386
237.532	1.001	14.760						
11/9/2016 11:15:00 AM	569700.000	25.870	16.905	58.966	4210.621	4980.711	2.697	3.387
237.495	1.001	14.753						
11/9/2016 11:30:00 AM	570600.000	25.867	16.905	58.960	4210.307	4980.390	2.697	3.387
237.512	1.001	14.754						
11/9/2016 11:45:00 AM	571500.000	25.866	16.905	58.956	4210.386	4980.444	2.697	3.387
237.508	1.001	14.754						
11/9/2016 12:00:00 PM	572400.000	25.866	16.905	58.956	4210.793	4980.956	2.698	3.387
237.485	1.001	14.748						
11/9/2016 12:15:00 PM	573300.000	25.873	16.905	58.974	4211.202	4981.398	2.698	3.387
237.462	1.001	14.738						
11/9/2016 12:30:00 PM	574200.000	25.876	16.905	58.980	4211.455	4981.698	2.698	3.388
237.448	1.001	14.734						
11/9/2016 12:45:00 PM	575100.000	25.869	16.904	58.963	4210.895	4981.144	2.698	3.387
237.479	1.001	14.740						
11/9/2016 1:00:00 PM	576000.000	25.865	16.904	58.953	4211.781	4982.164	2.698	3.388
237.429	1.001	14.741						
11/9/2016 1:15:00 PM	576900.000	25.866	16.904	58.956	4212.282	4982.745	2.699	3.388
237.401	1.001	14.738						
11/9/2016 1:30:00 PM	577800.000	25.867	16.905	58.959	4212.374	4982.825	2.699	3.388
237.396	1.001	14.737						
11/9/2016 1:45:00 PM	578700.000	25.863	16.905	58.950	4212.837	4983.363	2.699	3.389
237.370	1.001	14.738						
11/9/2016 2:00:00 PM	579600.000	25.872	16.905	58.970	4212.654	4983.157	2.699	3.389
237.380	1.001	14.729						
11/9/2016 2:15:00 PM	580500.000	25.865	16.904	58.955	4212.718	4983.271	2.699	3.389
237.376	1.001	14.730						
11/9/2016 2:30:00 PM	581400.000	25.868	16.905	58.962	4212.631	4983.130	2.699	3.389
237.381	1.001	14.734						
11/9/2016 2:45:00 PM	582300.000	25.863	16.905	58.950	4212.234	4982.660	2.699	3.388
237.404	1.001	14.734						
11/9/2016 3:00:00 PM	583200.000	25.868	16.905	58.961	4212.293	4982.719	2.699	3.388
237.400	1.001	14.734						
11/9/2016 3:15:00 PM	584100.000	25.860	16.905	58.943	4212.402	4982.808	2.699	3.388
237.394	1.001	14.737						
11/9/2016 3:30:00 PM	585000.000	25.869	16.905	58.963	4212.457	4982.904	2.699	3.388
237.391	1.001	14.729						
11/9/2016 3:45:00 PM	585900.000	25.867	16.905	58.960	4212.103	4982.474	2.698	3.388
237.411	1.001	14.731						
11/9/2016 4:00:00 PM	586800.000	25.863	16.905	58.949	4211.999	4982.352	2.698	3.388
237.417	1.001	14.734						
11/9/2016 4:15:00 PM	587700.000	25.865	16.905	58.955	4211.848	4982.192	2.698	3.388
237.425	1.001	14.728						
11/9/2016 4:30:00 PM	588600.000	25.864	16.905	58.952	4212.158	4982.569	2.698	3.388
237.408	1.001	14.728						
11/9/2016 4:45:00 PM	589500.000	25.868	16.905	58.962	4211.675	4982.008	2.698	3.388
237.435	1.001	14.721						
11/9/2016 5:00:00 PM	590400.000	25.862	16.905	58.948	4211.848	4982.143	2.698	3.388
237.425	1.001	14.731						
11/9/2016 5:15:00 PM	591300.000	25.866	16.905	58.956	4211.243	4981.469	2.698	3.387
237.460	1.001	14.729						
11/9/2016 5:30:00 PM	592200.000	25.858	16.905	58.939	4211.942	4982.285	2.698	3.388
237.420	1.001	14.735						
11/9/2016 5:45:00 PM	593100.000	25.871	16.905	58.968	4212.017	4982.353	2.698	3.388
237.416	1.001	14.728						
11/9/2016 6:00:00 PM	594000.000	25.858	16.905	58.939	4211.604	4981.874	2.698	3.388
237.439	1.001	14.738						
11/9/2016 6:15:00 PM	594900.000	25.862	16.905	58.948	4210.895	4981.085	2.698	3.387
237.479	1.001	14.731						
11/9/2016 6:30:00 PM	595800.000	25.859	16.905	58.941	4211.910	4982.226	2.698	3.388
237.422	1.001	14.739						
11/9/2016 6:45:00 PM	596700.000	25.862	16.905	58.947	4210.869	4980.956	2.698	3.387
237.481	1.001	14.732						
11/9/2016 7:00:00 PM	597600.000	25.861	16.905	58.945	4210.990	4981.178	2.698	3.387
237.474	1.001	14.736						
11/9/2016 7:15:00 PM	598500.000	25.863	16.905	58.951	4211.065	4981.188	2.698	3.387
237.470	1.001	14.736						
11/9/2016 7:30:00 PM	599400.000	25.869	16.906	58.963	4210.759	4980.806	2.697	3.387
237.487	1.001	14.733						
11/9/2016 7:45:00 PM	600300.000	25.863	16.905	58.950	4209.927	4979.891	2.697	3.386
237.534	1.001	14.737						
11/9/2016 8:00:00 PM	601200.000	25.863	16.906	58.951	4210.145	4980.031	2.697	3.386
237.522	1.001	14.737						
11/9/2016 8:15:00 PM	602100.000	25.861	16.905	58.945	4209.548	4979.442	2.697	3.386
237.555	1.001	14.740						
11/9/2016 8:30:00 PM	603000.000	25.870	16.905	58.967	4209.780	4979.738	2.697	3.386
237.542	1.001	14.736						
11/9/2016 8:45:00 PM	603900.000	25.864	16.905	58.951	4210.081	4980.103	2.697	3.386
237.525	1.001	14.741						
11/9/2016 9:00:00 PM	604800.000	25.863	16.906	58.949	4209.185	4978.924	2.696	3.386
237.576	1.001	14.743						
11/9/2016 9:15:00 PM	605700.000	25.858	16.905	58.939	4209.341	4979.197	2.697	3.386
237.567	1.001	14.745						
11/9/2016 9:30:00 PM	606600.000	25.862	16.905	58.948	4209.579	4979.489	2.697	3.386
237.553	1.001	14.744						
11/9/2016 9:45:00 PM	607500.000	25.865	16.905	58.953	4208.791	4978.508	2.696	3.385
237.598	1.001	14.740						
11/9/2016 10:00:00 PM	608400.000	25.865	16.905	58.954	4209.534	4979.455	2.697	3.386
237.556	1.001	14.743						
11/9/2016 10:15:00 PM	609300.000	25.857	16.906	58.935	4208.924	4978.625	2.696	3.385
237.590	1.001	14.746						
11/9/2016 10:30:00 PM	610200.000	25.863	16.906	58.950	4209.633	4979.454	2.697	3.386
237.550	1.001	14.742						
11/9/2016 10:45:00 PM	611100.000	25.867	16.906	58.959	4209.468	4979.289	2.697	3.386
237.560	1.001	14.740						
11/9/2016 11:00:00 PM	612000.000	25.866	16.905	58.955	4208.840	4978.595	2.696	3.385
237.595	1.001	14.742						
11/9/2016 11:15:00 PM	612900.000	25.872	16.905	58.970	4209.708	4979.642	2.697	3.386
237.546	1.001	14.738						
11/9/2016 11:30:00 PM	613800.000	25.864	16.905	58.952	4209.253	4979.044	2.696	3.386
237.572	1.001	14.739						
11/9/2016 11:45:00 PM	614700.000	25.865	16.904	58.954	4209.181	4979.077	2.696	3.386
237.576	1.001	14.741						

Report Date: 11/4/2016 8:50:19 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP CEMEX Dredge Pond_Append_2016-11-03_12-20-50-633-BaroMerge.wsl
Create Date: 11/4/2016 8:49:30 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP CEMEX Dredge Pond
Device Name: MPWSP CEMEX Dredge Pond
Serial Number: 451585
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 2

Log Configuration
Log Name: MPWSP CEMEX Dredge Pond
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/13/2016 6:06:20 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 7/13/2016 6:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 30 secs: 00

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

Other Log Settings
Depth of Probe: 35.8805 (ft)
Head Pressure: 15.9285 (PSI)
Temperature: 18.9083 (C)

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/13/2016 6:06:28 PM	Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/13/2016 7:44:56 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/14/2016 8:35:09 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: ELinden Interval - Start Time: 7/13/2016 5:30:00 PM Stop Time: 7/14/2016 9:30:00 PM
7/21/2016 6:41:39 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper
7/28/2016 8:17:04 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 8:15:00 PM
8/4/2016 6:44:30 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:00:00 PM
8/11/2016 5:53:17 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:15:00 PM
8/18/2016 5:54:34 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 6:00:00 PM
8/25/2016 8:12:17 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 7:15:00 PM
9/1/2016 12:38:22 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:30:00 PM
9/9/2016 7:20:33 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 8:00:00 PM
9/15/2016 8:44:54 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 9:15:00 PM
9/22/2016 6:22:27 PM	Log Download - Used Battery: 5% Used Memory: 6% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 6:15:00 PM
10/2/2016 9:10:10 AM	Log Download - Used Battery: 5% Used Memory: 7% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 10:00:00 AM
10/7/2016 7:49:16 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 9/28/2016 8:00:00 AM Stop Time: 10/7/2016 8:15:00 PM
10/13/2016 7:10:42 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:29:45 PM
10/20/2016 6:49:08 PM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:45:00 PM
10/27/2016 9:12:34 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 8:30:00 PM
10/27/2016 9:15:47 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:00:00 AM
11/3/2016 12:06:10 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 12:00:00 PM
11/3/2016 12:08:19 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 12:00:00 PM
11/3/2016 12:19:38 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 1:00:00 PM
11/4/2016 8:49:30 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-11-03_17-44-28-665.wsl""

Log Data:
Record Count: 1613
Sensors: 2
1 - 451585: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: PCTD(A) 35.8ft SN#: 451585	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time (ppt)	Corrected Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids	Water Density (g/cm3)	Resistivity (ohm-cm)	Barometric Pressure (PSI)
11/3/2016 12:00:00 AM	2858400.000	7.468	16.511	16.822	42248.195	50423.574	33.190	34.288	1.024	23.670	14.798	
11/3/2016 12:30:00 AM	2860200.000	7.463	16.511	16.810	42276.711	50457.906	33.216	34.311	1.024	23.654	14.792	
11/3/2016 1:00:00 AM	2862000.000	7.464	16.503	16.814	42241.387	50425.418	33.191	34.289	1.024	23.673	14.791	
11/3/2016 1:30:00 AM	2863800.000	7.455	16.519	16.793	42255.988	50424.297	33.192	34.289	1.024	23.665	14.794	
11/3/2016 2:00:00 AM	2865600.000	7.453	16.528	16.789	42275.590	50437.023	33.202	34.297	1.024	23.654	14.799	
11/3/2016 2:30:00 AM	2867400.000	7.444	16.528	16.768	42274.750	50435.801	33.201	34.296	1.024	23.655	14.807	
11/3/2016 3:00:00 AM	2869200.000	7.451	16.535	16.785	42267.527	50419.547	33.189	34.285	1.024	23.659	14.798	
11/3/2016 3:30:00 AM	2871000.000	7.442	16.528	16.765	42270.992	50431.230	33.197	34.293	1.024	23.657	14.803	
11/3/2016 4:00:00 AM	2872800.000	7.446	16.523	16.772	42228.477	50386.141	33.164	34.263	1.024	23.681	14.799	
11/3/2016 4:30:00 AM	2874600.000	7.444	16.514	16.768	42244.090	50415.246	33.185	34.282	1.024	23.672	14.795	
11/3/2016 5:00:00 AM	2876400.000	7.444	16.526	16.767	42271.852	50434.379	33.199	34.295	1.024	23.656	14.797	
11/3/2016 5:30:00 AM	2878200.000	7.441	16.531	16.762	42261.051	50415.848	33.186	34.283	1.024	23.662	14.799	
11/3/2016 6:00:00 AM	2880000.000	7.435	16.523	16.747	42273.141	50440.230	33.204	34.299	1.024	23.656	14.806	
11/3/2016 6:30:00 AM	2881800.000	7.439	16.520	16.756	42257.195	50424.336	33.192	34.289	1.024	23.665	14.799	
11/3/2016 7:00:00 AM	2883600.000	7.439	16.508	16.757	42249.098	50428.070	33.194	34.291				

1.024	23.669	14.797						
11/3/2016 7:30:00 AM	2885400.000	7.432	16.529	16.741	42263.438	50421.016	33.190	34.286
1.024	23.661	14.799						
11/3/2016 8:00:00 AM	2887200.000	7.439	16.511	16.757	42260.723	50438.410	33.201	34.298
1.024	23.663	14.796						
11/3/2016 8:30:00 AM	2889000.000	7.428	16.525	16.732	42227.867	50383.301	33.162	34.261
1.024	23.681	14.807						
11/3/2016 9:00:00 AM	2890800.000	7.435	16.523	16.747	42281.883	50450.664	33.211	34.306
1.024	23.651	14.806						
11/3/2016 9:30:00 AM	2892600.000	7.426	16.507	16.728	42255.945	50437.656	33.201	34.298
1.024	23.665	14.809						
11/3/2016 10:00:00 AM	2894400.000	7.432	16.520	16.742	42260.406	50427.961	33.194	34.291
1.024	23.663	14.804						
11/3/2016 10:30:00 AM	2896200.000	7.430	16.508	16.737	42238.078	50414.918	33.184	34.282
1.024	23.675	14.803						
11/3/2016 11:00:00 AM	2898000.000	7.437	16.506	16.753	42254.941	50437.773	33.201	34.298
1.024	23.666	14.798						
11/3/2016 11:30:00 AM	2899800.000	7.438	16.516	16.755	42264.766	50438.313	33.202	34.298
1.024	23.660	14.798						
11/3/2016 12:00:00 PM	2901600.000	7.435	16.516	16.748	42235.094	50402.598	33.175	34.274
1.024	23.677	14.790						

Report Date: 11/14/2016 8:31:50 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_2016-11-10_11-26-10-582.wsl
Create Date: 11/10/2016 11:26:05 AM

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

Log Configuration
Log Name: MPWSP TSW Trans 2
Created By: ECrowWillard
Computer Name: NOTEBOOK02
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/9/2015 2:02:44 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/9/2015 2:15:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 58.3934 (ft)
Head Pressure: 25.9227 (PSI)
Temperature: 17.0478 (C)

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

TDS Factor: 0.68

Log Notes:

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

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

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

Log Data:
Record Count: 730
Sensors: 1
1 - 396433: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/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					
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)					
11/3/2016 12:00:00 AM	7200.000	9.740		16.436	
21.940		39444.988		47158.547	
30.798		32.068		25.352	
1.022					
11/3/2016 12:15:00 AM	8100.000	9.625		16.459	
21.681		39396.313		47076.102	
30.739		32.012		25.383	
1.022					
11/3/2016 12:30:00 AM	9000.000	9.595		16.462	
21.613		37560.641		44878.984	
29.148		30.518		26.624	
1.021					
11/3/2016 12:45:00 AM	9900.000	9.585		16.422	
21.591		39487.449		47224.984	
30.845		32.113		25.325	
1.022					
11/3/2016 1:00:00 AM	10800.000	9.689		16.418	
21.826		39441.891		47174.492	
30.808		32.079		25.354	
1.022					
11/3/2016 1:15:00 AM	11700.000	9.581		16.453	
21.583		39378.871		47061.320	

30.728 32.002 25.394
1.022
11/3/2016 1:30:00 AM 12600.000 9.645 16.460
21.725 37935.344 45328.969
29.473 30.824 26.361
1.021
11/3/2016 1:45:00 AM 13500.000 9.530 16.463
21.467 35148.148 41996.016
27.077 28.557 28.451
1.020
11/3/2016 2:00:00 AM 14400.000 9.510 16.419
21.423 39457.789 47192.457
30.821 32.091 25.344
1.022
11/3/2016 2:15:00 AM 15300.000 10.458 16.431
23.558 39338.613 47036.570
30.709 31.985 25.420
1.022
11/3/2016 2:30:00 AM 16200.000 9.585 16.448
21.591 39400.484 47092.551
30.750 32.023 25.380
1.022
11/3/2016 2:45:00 AM 17100.000 9.929 16.412
22.366 39418.219 47152.820
30.792 32.064 25.369
1.022
11/3/2016 3:00:00 AM 18000.000 9.937 16.413
22.385 39443.633 47182.258
30.813 32.084 25.353
1.022
11/3/2016 3:15:00 AM 18900.000 9.938 16.436
22.387 39402.875 47108.672
30.761 32.034 25.379
1.022
11/3/2016 3:30:00 AM 19800.000 9.969 16.449
22.457 39334.383 47013.156
30.693 31.969 25.423
1.022
11/3/2016 3:45:00 AM 20700.000 9.954 16.456
22.423 39349.668 47023.859
30.701 31.976 25.413
1.022
11/3/2016 4:00:00 AM 21600.000 9.969 16.455
22.455 39414.145 47101.773
30.758 32.029 25.372
1.022
11/3/2016 4:15:00 AM 22500.000 9.976 16.456
22.472 39296.582 46959.953
30.655 31.933 25.448
1.022
11/3/2016 4:30:00 AM 23400.001 9.951 16.457
22.415 39403.816 47086.770
30.747 32.019 25.378
1.022
11/3/2016 4:45:00 AM 24300.010 9.931 16.458
22.370 39325.750 46992.828
30.679 31.955 25.429

1.022
11/3/2016 5:00:00 AM 25200.000 10.010 16.458
22.548 39356.676 47029.785
30.705 31.980 25.409
1.022
11/3/2016 5:15:00 AM 26100.000 9.965 16.458
22.448 39208.543 46852.305
30.576 31.860 25.505
1.022
11/3/2016 5:30:00 AM 27000.000 9.891 16.460
22.280 39052.477 46664.117
30.440 31.732 25.607
1.022
11/3/2016 5:45:00 AM 27900.000 9.882 16.459
22.261 39286.805 46945.055
30.644 31.923 25.454
1.022
11/3/2016 6:00:00 AM 28800.000 9.952 16.457
22.418 39111.941 46737.809
30.493 31.782 25.568
1.022
11/3/2016 6:15:00 AM 29700.000 9.852 16.458
22.192 39246.598 46898.324
30.610 31.891 25.480
1.022
11/3/2016 6:30:00 AM 30600.000 9.877 16.458
22.249 39662.355 47395.141
30.971 32.229 25.213
1.023
11/3/2016 6:45:00 AM 31500.000 9.902 16.458
22.306 38578.848 46099.742
30.030 31.348 25.921
1.022
11/3/2016 7:00:00 AM 32400.000 9.952 16.459
22.418 39760.508 47510.906
31.056 32.307 25.151
1.023
11/3/2016 7:15:00 AM 33300.000 10.854 16.468
24.449 36285.977 43350.555
28.048 29.478 27.559
1.020
11/3/2016 7:30:00 AM 34200.000 10.897 16.471
24.547 37806.578 45163.844
29.354 30.711 26.450
1.021
11/3/2016 7:45:00 AM 35100.000 10.887 16.471
24.523 37619.180 44940.156
29.192 30.559 26.582
1.021
11/3/2016 8:00:00 AM 36000.000 10.975 16.470
24.723 38246.531 45690.426
29.735 31.069 26.146
1.022
11/3/2016 8:15:00 AM 36900.000 10.909 16.472
24.573 38850.063 46409.934
30.256 31.559 25.740
1.022

11/3/2016 8:30:00 AM 37800.000 10.889 16.470
24.528 39316.621 46968.883
30.662 31.939 25.435
1.022
11/3/2016 8:45:00 AM 38700.000 10.943 16.471
24.651 39068.301 46671.387
30.446 31.737 25.596
1.022
11/3/2016 9:00:00 AM 39600.000 10.903 16.471
24.560 38346.391 45809.074
29.821 31.150 26.078
1.022
11/3/2016 9:15:00 AM 40500.000 10.905 16.470
24.564 38477.016 45966.320
29.934 31.257 25.990
1.022
11/3/2016 9:30:00 AM 41400.000 10.884 16.470
24.518 37308.160 44569.422
28.925 30.307 26.804
1.021
11/3/2016 9:45:00 AM 42300.000 10.894 16.471
24.539 38385.152 45855.379
29.854 31.182 26.052
1.022
11/3/2016 10:00:00 AM 43200.000 10.826
16.470 24.387 37349.004
44618.125 28.960 30.340
26.774 1.021
11/3/2016 10:15:00 AM 44100.000 10.828
16.471 24.392 37381.996
44656.547 28.988 30.366
26.751 1.021
11/3/2016 10:30:00 AM 45000.000 10.773
16.471 24.268 38616.641
46131.547 30.054 31.369
25.896 1.022
11/3/2016 10:45:00 AM 45900.000 10.655
16.470 24.002 37463.734
44755.367 29.059 30.434
26.692 1.021
11/3/2016 11:00:00 AM 46800.000 10.519
16.469 23.695 37263.797
44517.855 28.888 30.272
26.836 1.021
11/3/2016 11:15:00 AM 47700.000 10.382
16.356 23.387 36787.582
44062.434 28.553 29.962
27.183 1.021
11/3/2016 11:30:00 AM 48600.000 10.363
16.465 23.344 36751.980
43910.195 28.450 29.859
27.209 1.021
11/3/2016 11:45:00 AM 49500.000 10.161
16.465 22.888 35554.500
42479.316 27.423 28.886
28.126 1.020
11/3/2016 12:00:00 PM 50400.000 10.155

16.414 22.875 39381.422
47106.242 30.758 32.032
25.393 1.022
11/3/2016 12:15:00 PM 51300.000 10.093
16.413 22.734 39398.957
47129.105 30.775 32.048
25.381 1.022
11/3/2016 12:30:00 PM 52200.000 10.029
16.413 22.591 39439.273
47176.766 30.809 32.080
25.355 1.022
11/3/2016 12:45:00 PM 53100.000 9.954 16.422
22.422 39408.230 47129.875
30.776 32.048 25.375
1.022
11/3/2016 1:00:00 PM 54000.000 9.957 16.447
22.430 39371.473 47059.281
30.726 32.000 25.399
1.022
11/3/2016 1:15:00 PM 54900.000 9.993 16.457
22.509 39350.219 47023.289
30.701 31.976 25.413
1.022
11/3/2016 1:30:00 PM 55800.000 10.031 16.459
22.595 39345.363 47015.406
30.695 31.970 25.416
1.022
11/3/2016 1:45:00 PM 56700.000 10.020 16.460
22.570 38255.203 45711.168
29.749 31.084 26.140
1.022
11/3/2016 2:00:00 PM 57600.000 9.965 16.462
22.447 35751.563 42718.020
27.594 29.048 27.971
1.020
11/3/2016 2:15:00 PM 58500.000 9.951 16.402
22.415 39416.984 47161.883
30.798 32.070 25.370
1.022
11/3/2016 2:30:00 PM 59400.000 9.921 16.415
22.348 39377.566 47101.344
30.755 32.029 25.395
1.022
11/3/2016 2:45:00 PM 60300.000 9.883 16.442
22.262 39406.734 47106.559
30.760 32.032 25.376
1.022
11/3/2016 3:00:00 PM 61200.000 9.833 16.454
22.149 39313.957 46982.605
30.671 31.948 25.436
1.022
11/3/2016 3:15:00 PM 62100.000 9.793 16.456
22.060 39211.793 46859.004
30.581 31.864 25.503
1.022
11/3/2016 3:30:00 PM 63000.000 9.715 16.458
21.884 37417.063 44711.652

29.027 30.404 26.726
1.021
11/3/2016 3:45:00 PM 63900.000 9.706 16.457
21.863 34970.422 41788.953
26.929 28.416 28.596
1.019
11/3/2016 4:00:00 PM 64800.000 9.676 16.457
21.796 33962.418 40584.324
26.071 27.597 29.444
1.019
11/3/2016 4:15:00 PM 65700.000 9.760 16.414
21.985 39454.246 47194.008
30.822 32.092 25.346
1.022
11/3/2016 4:30:00 PM 66600.000 9.575 16.446
21.568 39404.305 47099.387
30.755 32.028 25.378
1.022
11/3/2016 4:45:00 PM 67500.000 9.626 16.452
21.683 38199.793 45653.219
29.707 31.044 26.178
1.022
11/3/2016 5:00:00 PM 68400.000 9.614 16.457
21.656 37284.801 44555.219
28.914 30.298 26.821
1.021
11/3/2016 5:15:00 PM 69300.000 9.583 16.456
21.587 34492.395 41219.215
26.523 28.029 28.992
1.019
11/3/2016 5:30:00 PM 70200.000 9.601 16.411
21.628 39480.066 47228.234
30.847 32.115 25.329
1.022
11/3/2016 5:45:00 PM 71100.000 9.563 16.447
21.543 39366.254 47052.578
30.721 31.996 25.402
1.022
11/3/2016 6:00:00 PM 72000.000 9.524 16.453
21.455 37628.328 44968.988
29.212 30.579 26.576
1.021
11/3/2016 6:15:00 PM 72900.000 9.659 16.455
21.757 34544.492 41282.383
26.568 28.072 28.948
1.019
11/3/2016 6:30:00 PM 73800.000 9.745 16.396
21.950 39440.992 47196.781
30.823 32.094 25.354
1.022
11/3/2016 6:45:00 PM 74700.000 9.829 16.419
22.140 39439.625 47171.297
30.806 32.076 25.355
1.022
11/3/2016 7:00:00 PM 75600.000 9.817 16.445
22.115 39398.426 47093.020
30.751 32.023 25.382

1.022
11/3/2016 7:15:00 PM 76500.000 9.827 16.453
22.135 39274.453 46937.008
30.638 31.917 25.462
1.022
11/3/2016 7:30:00 PM 77400.000 9.776 16.455
22.022 38087.461 45516.133
29.608 30.951 26.255
1.022
11/3/2016 7:45:00 PM 78300.000 9.860 16.456
22.212 35258.113 42133.496
27.175 28.651 28.362
1.020
11/3/2016 8:00:00 PM 79200.000 9.899 16.457
22.299 34721.891 41491.879
26.717 28.214 28.800
1.019
11/3/2016 8:15:00 PM 80100.000 9.874 16.457
22.243 34144.133 40801.809
26.226 27.745 29.288
1.019
11/3/2016 8:30:00 PM 81000.000 9.818 16.408
22.116 39491.094 47243.797
30.858 32.126 25.322
1.022
11/3/2016 8:45:00 PM 81900.000 9.744 16.432
21.949 39472.879 47196.543
30.825 32.094 25.334
1.022
11/3/2016 9:00:00 PM 82800.000 9.735 16.449
21.930 39360.086 47042.934
30.714 31.989 25.406
1.022
11/3/2016 9:15:00 PM 83700.000 9.805 16.452
22.086 38764.207 46328.227
30.196 31.503 25.797
1.022
11/3/2016 9:30:00 PM 84600.000 9.808 16.455
22.093 35889.664 42890.012
27.717 29.165 27.863
1.020
11/3/2016 9:45:00 PM 85500.000 9.790 16.454
22.053 36046.551 43078.020
27.852 29.293 27.742
1.020
11/3/2016 10:00:00 PM 86400.000 9.840 16.455
22.165 33719.949 40296.445
25.866 27.402 29.656
1.019
11/3/2016 10:15:00 PM 87300.000 9.798 16.455
22.071 33629.996 40189.516
25.790 27.329 29.735
1.019
11/3/2016 10:30:00 PM 88200.000 9.697 16.457
21.843 35598.813 42540.297
27.466 28.927 28.091
1.020

11/3/2016 10:45:00 PM 89100.000 9.849 16.457
22.186 35833.402 42820.109
27.667 29.118 27.907
1.020
11/3/2016 11:00:00 PM 90000.000 9.866 16.457
22.224 36077.957 43112.348
27.876 29.316 27.718
1.020
11/3/2016 11:15:00 PM 90900.000 9.809 16.458
22.097 34833.504 41625.008
26.812 28.305 28.708
1.019
11/3/2016 11:30:00 PM 91800.000 9.759 16.459
21.983 34634.238 41385.469
26.641 28.142 28.873
1.019
11/3/2016 11:45:00 PM 92700.000 9.782 16.458
22.035 33781.727 40367.594
25.917 27.450 29.602
1.019
11/4/2016 12:00:00 AM 93600.000 9.763 16.458
21.992 33315.590 39810.512
25.522 27.071 30.016
1.018
11/4/2016 12:15:00 AM 94500.000 9.815 16.451
22.110 39262.945 46924.848
30.629 31.909 25.469
1.022
11/4/2016 12:30:00 AM 95400.000 9.738 16.452
21.935 39019.887 46634.074
30.418 31.711 25.628
1.022
11/4/2016 12:45:00 AM 96300.000 9.856 16.453
22.202 37314.977 44594.602
28.942 30.324 26.799
1.021
11/4/2016 1:00:00 AM 97200.000 9.756 16.453
21.976 36585.531 43723.555
28.315 29.732 27.333
1.021
11/4/2016 1:15:00 AM 98100.000 9.757 16.454
21.978 33593.305 40146.473
25.760 27.300 29.768
1.019
11/4/2016 1:30:00 AM 99000.000 9.768 16.453
22.003 33682.250 40253.098
25.835 27.372 29.689
1.019
11/4/2016 1:45:00 AM 99900.000 9.771 16.402
22.010 39436.461 47185.277
30.815 32.086 25.357
1.022
11/4/2016 2:00:00 AM 100800.000 9.766 16.420
21.999 39470.059 47206.555
30.832 32.100 25.336
1.022
11/4/2016 2:15:00 AM 101700.000 9.636 16.449

21.707 38546.777 46071.340
30.009 31.329 25.943
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43654.449 28.262 29.685
27.418 1.020
11/8/2016 8:45:00 PM 517500.000 10.538
16.388 23.737 35582.496
42587.945 27.497 28.960
28.104 1.020
11/8/2016 9:00:00 PM 518400.000 10.569
16.387 23.807 35223.594
42158.809 27.190 28.668
28.390 1.020
11/8/2016 9:15:00 PM 519300.000 10.532
16.387 23.725 35270.074
42214.785 27.230 28.706
28.353 1.020
11/8/2016 9:30:00 PM 520200.000 10.368
16.386 23.356 34451.691
41235.926 26.531 28.040
29.026 1.019
11/8/2016 9:45:00 PM 521100.000 10.422
16.341 23.476 39676.570
47538.918 31.068 32.326
25.204 1.023
11/8/2016 10:00:00 PM 522000.000 10.342
16.342 23.297 39644.527
47499.852 31.040 32.300
25.224 1.023
11/8/2016 10:15:00 PM 522900.000 10.276
16.378 23.147 39500.230
47287.301 30.888 32.155
25.316 1.023
11/8/2016 10:30:00 PM 523800.000 10.166
16.380 22.900 39508.570
47295.371 30.894 32.161
25.311 1.023
11/8/2016 10:45:00 PM 524700.000 10.286
16.380 23.170 36522.324

43721.000 28.309 29.730
27.381 1.021
11/8/2016 11:00:00 PM 525600.000 10.336
16.379 23.282 37576.191
44983.500 29.218 30.589
26.613 1.021
11/8/2016 11:15:00 PM 526500.000 10.152
16.380 22.868 36410.969
43587.176 28.213 29.639
27.464 1.020
11/8/2016 11:30:00 PM 527400.000 10.216
16.381 23.013 34775.961
41629.090 26.811 28.308
28.755 1.019
11/8/2016 11:45:00 PM 528300.000 10.173
16.382 22.916 34710.145
41549.469 26.754 28.254
28.810 1.019
11/9/2016 12:00:00 AM 529200.000 10.182
16.368 22.936 39596.848
47414.422 30.979 32.242
25.255 1.023
11/9/2016 12:15:00 AM 530100.000 10.162
16.362 22.891 39650.219
47484.180 31.030 32.289
25.221 1.023
11/9/2016 12:30:00 AM 531000.000 10.262
16.377 23.116 38883.797
46550.844 30.353 31.655
25.718 1.022
11/9/2016 12:45:00 AM 531900.000 10.155
16.378 22.875 37454.379
44838.852 29.114 30.490
26.699 1.021
11/9/2016 1:00:00 AM 532800.000 10.420
16.378 23.473 36744.121
43988.289 28.501 29.912
27.215 1.021
11/9/2016 1:15:00 AM 533700.000 10.552
16.383 23.769 36897.621
44166.613 28.630 30.033
27.102 1.021
11/9/2016 1:30:00 AM 534600.000 10.608
16.384 23.895 36987.770
44273.633 28.707 30.106
27.036 1.021
11/9/2016 1:45:00 AM 535500.000 10.559
16.383 23.785 36163.367
43287.457 27.998 29.435
27.652 1.020
11/9/2016 2:00:00 AM 536400.000 10.614
16.384 23.908 37349.816
44707.098 29.019 30.401
26.774 1.021
11/9/2016 2:15:00 AM 537300.000 10.645
16.384 23.979 36379.512
43545.559 28.183 29.611

27.488 1.020
11/9/2016 2:30:00 AM 538200.000 10.652
16.384 23.995 35360.684
42326.043 27.309 28.782
28.280 1.020
11/9/2016 2:45:00 AM 539100.000 10.729
16.384 24.169 36077.285
43184.238 27.924 29.365
27.718 1.020
11/9/2016 3:00:00 AM 540000.000 10.604
16.384 23.887 35639.801
42659.887 27.548 29.009
28.059 1.020
11/9/2016 3:15:00 AM 540900.000 10.687
16.385 24.074 35027.559
41926.375 27.024 28.510
28.549 1.020
11/9/2016 3:30:00 AM 541800.000 10.862
16.384 24.467 36507.188
43698.383 28.293 29.715
27.392 1.021
11/9/2016 3:45:00 AM 542700.000 10.924
16.385 24.607 35642.570
42662.176 27.550 29.010
28.056 1.020
11/9/2016 4:00:00 AM 543600.000 10.867
16.385 24.479 34916.461
41793.063 26.928 28.419
28.640 1.019
11/9/2016 4:15:00 AM 544500.000 10.870
16.385 24.485 36356.602
43516.832 28.163 29.591
27.505 1.020
11/9/2016 4:30:00 AM 545400.000 10.853
16.385 24.448 35426.227
42403.902 27.365 28.835
28.228 1.020
11/9/2016 4:45:00 AM 546300.000 11.048
16.386 24.887 35446.641
42427.395 27.382 28.851
28.211 1.020
11/9/2016 5:00:00 AM 547200.000 11.015
16.385 24.813 35993.496
43082.816 27.851 29.296
27.783 1.020
11/9/2016 5:15:00 AM 548100.000 11.109
16.385 25.024 36751.410
43989.477 28.502 29.913
27.210 1.021
11/9/2016 5:30:00 AM 549000.000 11.059
16.385 24.910 35463.254
42447.965 27.396 28.865
28.198 1.020
11/9/2016 5:45:00 AM 549900.000 10.964
16.384 24.697 36064.773
43168.656 27.913 29.355
27.728 1.020

11/9/2016 6:00:00 AM 550800.000 11.103
16.384 25.010 35429.852
42408.582 27.368 28.838
28.225 1.020
11/9/2016 6:15:00 AM 551700.000 11.184
16.384 25.192 36447.082
43626.539 28.241 29.666
27.437 1.020
11/9/2016 6:30:00 AM 552600.000 11.093
16.384 24.988 35702.242
42734.629 27.602 29.060
28.009 1.020
11/9/2016 6:45:00 AM 553500.000 11.165
16.384 25.150 36238.523
43376.633 28.062 29.496
27.595 1.020
11/9/2016 7:00:00 AM 554400.000 11.230
16.384 25.296 37297.156
44644.141 28.974 30.358
26.812 1.021
11/9/2016 7:15:00 AM 555300.000 11.282
16.383 25.413 37903.922
45370.984 29.498 30.852
26.382 1.021
11/9/2016 7:30:00 AM 556200.000 11.336
16.385 25.535 37238.316
44572.637 28.922 30.309
26.854 1.021
11/9/2016 7:45:00 AM 557100.000 11.418
16.383 25.720 37918.074
45388.477 29.511 30.864
26.373 1.021
11/9/2016 8:00:00 AM 558000.000 11.410
16.383 25.701 38363.363
45921.215 29.896 31.226
26.067 1.022
11/9/2016 8:15:00 AM 558900.000 11.597
16.380 26.124 38146.508
45664.770 29.711 31.052
26.215 1.022
11/9/2016 8:30:00 AM 559800.000 11.616
16.382 26.166 37768.926
45211.207 29.383 30.744
26.477 1.021
11/9/2016 8:45:00 AM 560700.000 11.787
16.383 26.550 38065.773
45565.273 29.639 30.984
26.270 1.022
11/9/2016 9:00:00 AM 561600.000 11.873
16.384 26.746 38841.766
46493.016 30.311 31.615
25.745 1.022
11/9/2016 9:15:00 AM 562500.000 11.819
16.386 26.623 37818.918
45266.133 29.423 30.781
26.442 1.021
11/9/2016 9:30:00 AM 563400.000 11.925

16.384 26.862 38623.625
46231.824 30.122 31.438
25.891 1.022
11/9/2016 9:45:00 AM 564300.000 11.877
16.386 26.753 39494.484
47271.559 30.877 32.145
25.320 1.022
11/9/2016 10:00:00 AM 565200.000 11.794
16.384 26.566 39675.238
47490.668 31.036 32.294
25.205 1.023
11/9/2016 10:15:00 AM 566100.000 11.821
16.383 26.628 39600.469
47401.656 30.971 32.233
25.252 1.023
11/9/2016 10:30:00 AM 567000.000 11.569
16.378 26.059 39706.238
47534.000 31.067 32.323
25.185 1.023
11/9/2016 10:45:00 AM 567900.000 11.661
16.375 26.267 39715.309
47548.699 31.078 32.333
25.179 1.023
11/9/2016 11:00:00 AM 568800.000 11.418
16.372 25.719 39773.734
47621.145 31.130 32.382
25.142 1.023
11/9/2016 11:15:00 AM 569700.000 11.438
16.370 25.765 39794.074
47647.703 31.150 32.400
25.129 1.023
11/9/2016 11:30:00 AM 570600.000 11.403
16.368 25.687 39833.984
47697.891 31.186 32.435
25.104 1.023
11/9/2016 11:45:00 AM 571500.000 11.237
16.366 25.313 39787.984
47644.828 31.147 32.398
25.133 1.023
11/9/2016 12:00:00 PM 572400.000 11.334
16.368 25.531 39814.094
47674.355 31.169 32.419
25.117 1.023
11/9/2016 12:15:00 PM 573300.000 11.327
16.369 25.515 39827.961
47690.113 31.180 32.429
25.108 1.023
11/9/2016 12:30:00 PM 574200.000 11.249
16.369 25.340 39832.898
47695.543 31.184 32.433
25.105 1.023
11/9/2016 12:45:00 PM 575100.000 11.090
16.367 24.981 39786.016
47641.516 31.145 32.396
25.134 1.023
11/9/2016 1:00:00 PM 576000.000 11.231
16.363 25.298 39786.434

47646.914 31.148 32.400
25.134 1.023
11/9/2016 1:15:00 PM 576900.000 11.137
16.360 25.087 39777.563
47639.266 31.143 32.395
25.140 1.023
11/9/2016 1:30:00 PM 577800.000 11.174
16.357 25.170 39778.602
47643.398 31.146 32.398
25.139 1.023
11/9/2016 1:45:00 PM 578700.000 11.327
16.355 25.515 39783.105
47651.379 31.151 32.403
25.136 1.023
11/9/2016 2:00:00 PM 579600.000 11.083
16.353 24.966 39739.668
47601.949 31.115 32.369
25.164 1.023
11/9/2016 2:15:00 PM 580500.000 11.124
16.351 25.059 39790.445
47664.879 31.161 32.412
25.132 1.023
11/9/2016 2:30:00 PM 581400.000 11.263
16.350 25.370 39858.102
47747.090 31.221 32.468
25.089 1.023
11/9/2016 2:45:00 PM 582300.000 11.201
16.349 25.232 39844.180
47730.598 31.209 32.457
25.098 1.023
11/9/2016 3:00:00 PM 583200.001 11.156
16.348 25.129 39779.918
47654.762 31.153 32.405
25.138 1.023
11/9/2016 3:15:00 PM 584100.000 11.216
16.363 25.264 39840.262
47710.609 31.195 32.443
25.100 1.023
11/9/2016 3:30:00 PM 585000.000 11.245
16.366 25.329 39826.008
47690.938 31.181 32.430
25.109 1.023
11/9/2016 3:45:00 PM 585900.000 11.265
16.358 25.376 39798.332
47666.344 31.162 32.413
25.127 1.023
11/9/2016 4:00:00 PM 586800.000 11.297
16.354 25.449 39806.688
47680.105 31.172 32.422
25.121 1.023
11/9/2016 4:15:00 PM 587700.000 11.327
16.354 25.515 39829.305
47707.199 31.192 32.441
25.107 1.023
11/9/2016 4:30:00 PM 588600.000 11.324
16.356 25.507 39856.480
47738.016 31.214 32.462

25.090 1.023
11/9/2016 4:45:00 PM 589500.001 11.355
16.350 25.579 39769.988
47640.957 31.143 32.396
25.145 1.023
11/9/2016 5:00:00 PM 590400.000 11.312
16.352 25.482 39845.176
47729.289 31.208 32.456
25.097 1.023
11/9/2016 5:15:00 PM 591300.000 11.419
16.354 25.722 39822.820
47700.395 31.187 32.436
25.111 1.023
11/9/2016 5:30:00 PM 592200.000 11.399
16.350 25.677 39866.359
47756.398 31.227 32.474
25.084 1.023
11/9/2016 5:45:00 PM 593100.000 11.334
16.354 25.531 39872.695
47759.938 31.230 32.477
25.080 1.023
11/9/2016 6:00:00 PM 594000.000 11.489
16.337 25.880 39820.586
47716.004 31.197 32.447
25.113 1.023
11/9/2016 6:15:00 PM 594900.000 11.517
16.334 25.943 39810.914
47707.102 31.190 32.441
25.119 1.023
11/9/2016 6:30:00 PM 595800.000 11.528
16.334 25.967 39841.059
47743.895 31.217 32.466
25.100 1.023
11/9/2016 6:45:00 PM 596700.000 11.520
16.338 25.950 39819.066
47712.832 31.195 32.445
25.114 1.023
11/9/2016 7:00:00 PM 597600.000 11.543
16.344 26.003 39873.621
47771.258 31.238 32.484
25.079 1.023
11/9/2016 7:15:00 PM 598500.000 11.636
16.359 26.212 39890.965
47775.750 31.242 32.488
25.068 1.023
11/9/2016 7:30:00 PM 599400.000 11.517
16.366 25.943 39854.305
47724.340 31.205 32.453
25.091 1.023
11/9/2016 7:45:00 PM 600300.000 11.392
16.357 25.661 39917.824
47810.238 31.267 32.511
25.051 1.023
11/9/2016 8:00:00 PM 601200.000 11.445
16.360 25.781 39905.883
47793.242 31.255 32.499
25.059 1.023

11/9/2016 8:15:00 PM 602100.000 11.394
16.354 25.667 39920.590
47817.012 31.272 32.516
25.050 1.023
11/9/2016 8:30:00 PM 603000.000 11.365
16.362 25.601 39908.730
47793.668 31.255 32.500
25.057 1.023
11/9/2016 8:45:00 PM 603900.000 11.505
16.364 25.915 39936.188
47824.816 31.278 32.521
25.040 1.023
11/9/2016 9:00:00 PM 604800.000 11.430
16.357 25.747 39902.238
47791.480 31.253 32.498
25.061 1.023
11/9/2016 9:15:00 PM 605700.000 11.334
16.354 25.531 39950.766
47853.266 31.298 32.540
25.031 1.023
11/9/2016 9:30:00 PM 606600.000 11.330
16.357 25.522 39884.895
47771.383 31.239 32.485
25.072 1.023
11/9/2016 9:45:00 PM 607500.000 11.375
16.367 25.622 39910.855
47791.289 31.254 32.498
25.056 1.023
11/9/2016 10:00:00 PM 608400.000 11.310
16.358 25.477 39910.578
47800.887 31.260 32.505
25.056 1.023
11/9/2016 10:15:00 PM 609300.000 11.235
16.356 25.308 39945.328
47844.918 31.292 32.535
25.034 1.023
11/9/2016 10:30:00 PM 610200.000 11.068
16.357 24.931 39921.129
47814.105 31.270 32.514
25.049 1.023
11/9/2016 10:45:00 PM 611100.000 10.969
16.361 24.708 39856.754
47732.762 31.211 32.458
25.090 1.023
11/9/2016 11:00:00 PM 612000.000 10.982
16.366 24.738 39781.453
47637.199 31.142 32.393
25.137 1.023
11/9/2016 11:15:00 PM 612900.000 11.051
16.367 24.893 39728.844
47573.629 31.095 32.350
25.171 1.023
11/9/2016 11:30:00 PM 613800.000 10.946
16.363 24.656 38768.477
46427.383 30.262 31.571
25.794 1.022
11/9/2016 11:45:00 PM 614700.000 10.873

16.369 24.493 38284.293
45841.160 29.838 31.172
26.120 1.022

Report Date: 11/14/2016 8:28:53 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_2016-11-11_09-42-36-652.wsl
Create Date: 11/11/2016 9:42:32 AM

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

Log Data:
Record Count: 819
Sensors: 1
1 - 399604: Baro-Pressure/Temp
Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)
11/3/2016 12:00:00 AM	7200.000	765.259	15.780
11/3/2016 12:15:00 AM	8100.000	765.138	15.751
11/3/2016 12:30:00 AM	9000.000	764.973	15.708
11/3/2016 12:45:00 AM	9900.000	765.182	15.663
11/3/2016 1:00:00 AM	10800.000	764.917	15.598
11/3/2016 1:15:00 AM	11700.000	765.263	15.521
11/3/2016 1:30:00 AM	12600.000	765.089	15.413
11/3/2016 1:45:00 AM	13500.000	765.149	15.297
11/3/2016 2:00:00 AM	14400.000	765.326	15.164
11/3/2016 2:15:00 AM	15300.000	765.484	15.069
11/3/2016 2:30:00 AM	16200.000	765.734	14.943
11/3/2016 2:45:00 AM	17100.000	765.466	14.815
11/3/2016 3:00:00 AM	18000.000	765.283	14.712
11/3/2016 3:15:00 AM	18900.000	765.480	14.625
11/3/2016 3:30:00 AM	19800.000	765.543	14.500
11/3/2016 3:45:00 AM	20700.000	765.401	14.486
11/3/2016 4:00:00 AM	21600.000	765.353	14.454
11/3/2016 4:15:00 AM	22500.000	765.233	14.440
11/3/2016 4:30:00 AM	23400.000	765.146	14.459
11/3/2016 4:45:00 AM	24300.000	765.456	14.469
11/3/2016 5:00:00 AM	25200.000	765.231	14.414
11/3/2016 5:15:00 AM	26100.000	765.459	14.411
11/3/2016 5:30:00 AM	27000.000	765.335	14.381
11/3/2016 5:45:00 AM	27900.000	765.058	14.338
11/3/2016 6:00:00 AM	28800.000	765.674	14.324
11/3/2016 6:15:00 AM	29700.000	765.535	14.284
11/3/2016 6:30:00 AM	30600.000	765.338	14.200
11/3/2016 6:45:00 AM	31500.000	765.590	14.165
11/3/2016 7:00:00 AM	32400.000	765.227	14.114
11/3/2016 7:15:00 AM	33300.000	764.986	14.067
11/3/2016 7:30:00 AM	34200.000	765.353	13.946
11/3/2016 7:45:00 AM	35100.000	765.406	13.878
11/3/2016 8:00:00 AM	36000.000	765.184	13.857
11/3/2016 8:15:00 AM	36900.000	765.589	13.780
11/3/2016 8:30:00 AM	37800.000	765.726	13.788
11/3/2016 8:45:00 AM	38700.000	765.596	13.878
11/3/2016 9:00:00 AM	39600.000	765.674	14.021
11/3/2016 9:15:00 AM	40500.000	765.899	14.182
11/3/2016 9:30:00 AM	41400.000	765.824	14.354
11/3/2016 9:45:00 AM	42300.000	765.738	14.564
11/3/2016 10:00:00 AM	43200.000	765.595	14.815
11/3/2016 10:15:00 AM	44100.000	765.322	15.106
11/3/2016 10:30:00 AM	45000.000	765.549	15.351
11/3/2016 10:45:00 AM	45900.000	765.392	15.653
11/3/2016 11:00:00 AM	46800.000	765.257	15.941
11/3/2016 11:15:00 AM	47700.000	765.349	16.209
11/3/2016 11:30:00 AM	48600.000	765.294	16.469
11/3/2016 11:45:00 AM	49500.000	764.787	16.708
11/3/2016 12:00:00 PM	50400.000	764.855	16.928

11/3/2016 12:15:00 PM	51300.000	764.959	17.120
11/3/2016 12:30:00 PM	52200.000	764.567	17.364
11/3/2016 12:45:00 PM	53100.000	764.659	17.556
11/3/2016 1:00:00 PM	54000.000	764.547	17.778
11/3/2016 1:15:00 PM	54900.000	764.076	17.975
11/3/2016 1:30:00 PM	55800.000	764.062	18.207
11/3/2016 1:45:00 PM	56700.000	763.938	18.383
11/3/2016 2:00:00 PM	57600.000	763.537	18.629
11/3/2016 2:15:00 PM	58500.000	763.340	18.831
11/3/2016 2:30:00 PM	59400.000	763.258	19.069
11/3/2016 2:45:00 PM	60300.000	763.366	19.282
11/3/2016 3:00:00 PM	61200.000	763.416	19.527
11/3/2016 3:15:00 PM	62100.000	763.047	19.739
11/3/2016 3:30:00 PM	63000.000	763.336	19.974
11/3/2016 3:45:00 PM	63900.000	763.120	20.125
11/3/2016 4:00:00 PM	64800.000	763.402	20.227
11/3/2016 4:15:00 PM	65700.000	763.420	20.292
11/3/2016 4:30:00 PM	66600.000	763.237	20.280
11/3/2016 4:45:00 PM	67500.000	763.395	20.185
11/3/2016 5:00:00 PM	68400.000	763.191	20.068
11/3/2016 5:15:00 PM	69300.000	763.264	19.935
11/3/2016 5:30:00 PM	70200.000	763.342	19.813
11/3/2016 5:45:00 PM	71100.000	763.388	19.657
11/3/2016 6:00:00 PM	72000.000	763.232	19.525
11/3/2016 6:15:00 PM	72900.000	763.108	19.322
11/3/2016 6:30:00 PM	73800.000	763.291	19.143
11/3/2016 6:45:00 PM	74700.000	763.182	18.893
11/3/2016 7:00:00 PM	75600.000	763.379	18.704
11/3/2016 7:15:00 PM	76500.000	763.377	18.524
11/3/2016 7:30:00 PM	77400.000	763.258	18.367
11/3/2016 7:45:00 PM	78300.000	763.524	18.203
11/3/2016 8:00:00 PM	79200.000	763.527	18.052
11/3/2016 8:15:00 PM	80100.000	763.137	17.894
11/3/2016 8:30:00 PM	81000.000	763.729	17.774
11/3/2016 8:45:00 PM	81900.000	763.423	17.641
11/3/2016 9:00:00 PM	82800.000	763.413	17.515
11/3/2016 9:15:00 PM	83700.000	763.371	17.428
11/3/2016 9:30:00 PM	84600.000	763.284	17.296
11/3/2016 9:45:00 PM	85500.000	763.517	17.177
11/3/2016 10:00:00 PM	86400.000	763.569	17.087
11/3/2016 10:15:00 PM	87300.000	763.457	16.952
11/3/2016 10:30:00 PM	88200.000	763.810	16.875
11/3/2016 10:45:00 PM	89100.000	763.455	16.753
11/3/2016 11:00:00 PM	90000.000	763.822	16.613
11/3/2016 11:15:00 PM	90900.000	763.780	16.535
11/3/2016 11:30:00 PM	91800.000	763.608	16.474
11/3/2016 11:45:00 PM	92700.000	763.861	16.402
11/4/2016 12:00:00 AM	93600.000	763.863	16.357
11/4/2016 12:15:00 AM	94500.000	763.516	16.315
11/4/2016 12:30:00 AM	95400.000	763.701	16.258
11/4/2016 12:45:00 AM	96300.000	763.570	16.186
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11/4/2016 1:45:00 AM	99900.000	763.523	15.927
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11/4/2016 2:30:00 AM	102600.000	763.721	15.844
11/4/2016 2:45:00 AM	103500.000	763.895	15.819
11/4/2016 3:00:00 AM	104400.000	763.639	15.782

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11/4/2016 4:30:00 AM	109800.000	763.795	15.310
11/4/2016 4:45:00 AM	110700.000	764.245	15.264
11/4/2016 5:00:00 AM	111600.000	763.760	15.185
11/4/2016 5:15:00 AM	112500.000	763.956	15.064
11/4/2016 5:30:00 AM	113400.000	764.082	14.986
11/4/2016 5:45:00 AM	114300.000	764.258	14.909
11/4/2016 6:00:00 AM	115200.000	764.241	14.812
11/4/2016 6:15:00 AM	116100.000	764.094	14.747
11/4/2016 6:30:00 AM	117000.000	764.157	14.728
11/4/2016 6:45:00 AM	117900.000	764.047	14.718
11/4/2016 7:00:00 AM	118800.000	764.021	14.737
11/4/2016 7:15:00 AM	119700.000	763.916	14.730
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11/4/2016 7:45:00 AM	121500.000	763.701	14.726
11/4/2016 8:00:00 AM	122400.000	764.053	14.713
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11/4/2016 8:45:00 AM	125100.000	764.108	14.799
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11/4/2016 9:15:00 AM	126900.000	764.646	15.094
11/4/2016 9:30:00 AM	127800.000	764.511	15.203
11/4/2016 9:45:00 AM	128700.000	764.097	15.365
11/4/2016 10:00:00 AM	129600.000	764.351	15.520
11/4/2016 10:15:00 AM	130500.000	764.463	15.625
11/4/2016 10:30:00 AM	131400.000	764.442	15.830
11/4/2016 10:45:00 AM	132300.000	764.730	16.007
11/4/2016 11:00:00 AM	133200.000	764.627	16.235
11/4/2016 11:15:00 AM	134100.000	764.657	16.533
11/4/2016 11:30:00 AM	135000.000	764.623	16.796
11/4/2016 11:45:00 AM	135900.000	764.610	17.073
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11/4/2016 12:15:00 PM	137700.000	764.626	17.454
11/4/2016 12:30:00 PM	138600.000	764.440	17.641
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11/4/2016 1:15:00 PM	141300.000	764.104	18.178
11/4/2016 1:30:00 PM	142200.000	764.284	18.425
11/4/2016 1:45:00 PM	143100.000	764.075	18.603
11/4/2016 2:00:00 PM	144000.000	764.269	18.794
11/4/2016 2:15:00 PM	144900.000	764.239	18.916
11/4/2016 2:30:00 PM	145800.000	764.259	19.087
11/4/2016 2:45:00 PM	146700.000	764.047	19.258
11/4/2016 3:00:00 PM	147600.000	764.253	19.403
11/4/2016 3:15:00 PM	148500.000	764.164	19.579
11/4/2016 3:30:00 PM	149400.000	764.266	19.697
11/4/2016 3:45:00 PM	150300.000	764.075	19.810
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11/4/2016 7:30:00 PM	163800.000	764.258	17.944
11/4/2016 7:45:00 PM	164700.000	764.127	17.760
11/4/2016 8:00:00 PM	165600.000	764.402	17.591
11/4/2016 8:15:00 PM	166500.000	764.004	17.384
11/4/2016 8:30:00 PM	167400.000	764.122	17.240
11/4/2016 8:45:00 PM	168300.000	764.438	17.054
11/4/2016 9:00:00 PM	169200.000	764.386	16.862
11/4/2016 9:15:00 PM	170100.000	764.334	16.723
11/4/2016 9:30:00 PM	171000.000	764.669	16.562
11/4/2016 9:45:00 PM	171900.000	764.463	16.368
11/4/2016 10:00:00 PM	172800.000	764.551	16.235
11/4/2016 10:15:00 PM	173700.000	764.325	16.081
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11/4/2016 10:45:00 PM	175500.000	764.984	15.814
11/4/2016 11:00:00 PM	176400.000	764.962	15.707
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11/4/2016 11:30:00 PM	178200.000	764.932	15.466
11/4/2016 11:45:00 PM	179100.000	765.056	15.344
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11/5/2016 12:15:00 AM	180900.000	765.135	15.159
11/5/2016 12:30:00 AM	181800.000	765.171	15.039
11/5/2016 12:45:00 AM	182700.000	765.004	14.981
11/5/2016 1:00:00 AM	183600.000	764.419	14.935
11/5/2016 1:15:00 AM	184500.000	764.551	14.906
11/5/2016 1:30:00 AM	185400.000	765.038	14.871
11/5/2016 1:45:00 AM	186300.000	764.737	14.911
11/5/2016 2:00:00 AM	187200.000	764.604	14.993
11/5/2016 2:15:00 AM	188100.000	764.652	15.014
11/5/2016 2:30:00 AM	189000.000	764.378	15.121
11/5/2016 2:45:00 AM	189900.000	764.476	15.121
11/5/2016 3:00:00 AM	190800.000	764.411	15.096
11/5/2016 3:15:00 AM	191700.000	764.618	15.082
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11/5/2016 3:45:00 AM	193500.000	764.783	15.029
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11/5/2016 5:45:00 AM	200700.000	763.775	14.051
11/5/2016 6:00:00 AM	201600.000	763.686	13.968
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11/5/2016 6:45:00 AM	204300.000	763.932	13.774
11/5/2016 7:00:00 AM	205200.000	763.890	13.720
11/5/2016 7:15:00 AM	206100.000	764.048	13.643
11/5/2016 7:30:00 AM	207000.000	764.026	13.594
11/5/2016 7:45:00 AM	207900.000	763.854	13.520
11/5/2016 8:00:00 AM	208800.000	763.984	13.453
11/5/2016 8:15:00 AM	209700.000	764.078	13.415
11/5/2016 8:30:00 AM	210600.000	763.893	13.450
11/5/2016 8:45:00 AM	211500.000	764.038	13.485
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11/5/2016 9:15:00 AM	213300.000	763.665	13.840
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11/5/2016 10:30:00 AM	217800.000	764.041	15.094
11/5/2016 10:45:00 AM	218700.000	764.405	15.362
11/5/2016 11:00:00 AM	219600.000	764.286	15.613
11/5/2016 11:15:00 AM	220500.000	764.605	15.887
11/5/2016 11:30:00 AM	221400.000	764.632	16.148
11/5/2016 11:45:00 AM	222300.000	764.361	16.411
11/5/2016 12:00:00 PM	223200.000	764.682	16.596
11/5/2016 12:15:00 PM	224100.000	764.591	16.804
11/5/2016 12:30:00 PM	225000.000	764.538	16.970
11/5/2016 12:45:00 PM	225900.000	764.334	17.202
11/5/2016 1:00:00 PM	226800.000	764.242	17.353
11/5/2016 1:15:00 PM	227700.000	764.351	17.533
11/5/2016 1:30:00 PM	228600.000	764.417	17.698
11/5/2016 1:45:00 PM	229500.000	764.365	17.831
11/5/2016 2:00:00 PM	230400.000	764.255	17.899
11/5/2016 2:15:00 PM	231300.000	764.344	17.986
11/5/2016 2:30:00 PM	232200.000	764.565	18.036
11/5/2016 2:45:00 PM	233100.000	763.993	18.052
11/5/2016 3:00:00 PM	234000.000	763.991	18.131
11/5/2016 3:15:00 PM	234900.000	764.317	18.128
11/5/2016 3:30:00 PM	235800.000	764.219	18.194
11/5/2016 3:45:00 PM	236700.000	763.914	18.191
11/5/2016 4:00:00 PM	237600.000	764.079	18.196
11/5/2016 4:15:00 PM	238500.000	763.959	18.189
11/5/2016 4:30:00 PM	239400.000	764.318	18.221
11/5/2016 4:45:00 PM	240300.000	764.202	18.241
11/5/2016 5:00:00 PM	241200.000	764.053	18.238
11/5/2016 5:15:00 PM	242100.000	763.753	18.207
11/5/2016 5:30:00 PM	243000.000	763.574	18.133
11/5/2016 5:45:00 PM	243900.000	763.668	18.091
11/5/2016 6:00:00 PM	244800.000	763.657	17.993
11/5/2016 6:15:00 PM	245700.000	763.338	17.915
11/5/2016 6:30:00 PM	246600.000	763.272	17.834
11/5/2016 6:45:00 PM	247500.000	763.171	17.749
11/5/2016 7:00:00 PM	248400.000	763.679	17.602
11/5/2016 7:15:00 PM	249300.000	763.451	17.535
11/5/2016 7:30:00 PM	250200.000	763.175	17.425
11/5/2016 7:45:00 PM	251100.000	763.460	17.312
11/5/2016 8:00:00 PM	252000.000	763.246	17.233
11/5/2016 8:15:00 PM	252900.000	763.601	17.111
11/5/2016 8:30:00 PM	253800.000	763.537	16.985
11/5/2016 8:45:00 PM	254700.000	763.067	16.876
11/5/2016 9:00:00 PM	255600.000	763.501	16.762
11/5/2016 9:15:00 PM	256500.000	763.280	16.684
11/5/2016 9:30:00 PM	257400.000	763.282	16.588
11/5/2016 9:45:00 PM	258300.000	763.370	16.450
11/5/2016 10:00:00 PM	259200.000	763.691	16.377
11/5/2016 10:15:00 PM	260100.000	763.626	16.259
11/5/2016 10:30:00 PM	261000.000	763.778	16.175
11/5/2016 10:45:00 PM	261900.000	763.846	16.037
11/5/2016 11:00:00 PM	262800.000	764.062	15.937
11/5/2016 11:15:00 PM	263700.000	764.154	15.827
11/5/2016 11:30:00 PM	264600.000	763.928	15.766
11/5/2016 11:45:00 PM	265500.000	763.718	15.663
11/6/2016 12:00:00 AM	266400.000	763.767	15.582

11/6/2016 12:15:00 AM	267300.000	763.700	15.492
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11/6/2016 12:45:00 AM	269100.000	763.962	15.327
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11/6/2016 1:15:00 AM	270900.000	763.945	15.211
11/6/2016 1:30:00 AM	271800.000	763.785	15.212
11/6/2016 1:45:00 AM	272700.000	763.883	15.189
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11/9/2016 1:15:00 AM	533700.000	764.452	16.812
11/9/2016 1:30:00 AM	534600.000	764.276	16.753
11/9/2016 1:45:00 AM	535500.000	764.505	16.698
11/9/2016 2:00:00 AM	536400.000	764.428	16.645

11/9/2016 2:15:00 AM	537300.000	764.518	16.673
11/9/2016 2:30:00 AM	538200.000	764.390	16.652
11/9/2016 2:45:00 AM	539100.000	764.379	16.618
11/9/2016 3:00:00 AM	540000.000	764.414	16.614
11/9/2016 3:15:00 AM	540900.000	764.046	16.599
11/9/2016 3:30:00 AM	541800.000	764.053	16.595
11/9/2016 3:45:00 AM	542700.000	763.860	16.558
11/9/2016 4:00:00 AM	543600.000	763.937	16.562
11/9/2016 4:15:00 AM	544500.000	763.804	16.536
11/9/2016 4:30:00 AM	545400.000	763.644	16.551
11/9/2016 4:45:00 AM	546300.000	763.675	16.454
11/9/2016 5:00:00 AM	547200.000	763.857	16.442
11/9/2016 5:15:00 AM	548100.000	764.117	16.384
11/9/2016 5:30:00 AM	549000.000	763.497	16.309
11/9/2016 5:45:00 AM	549900.000	763.910	16.259
11/9/2016 6:00:00 AM	550800.000	763.537	16.197
11/9/2016 6:15:00 AM	551700.000	763.954	16.105
11/9/2016 6:30:00 AM	552600.000	763.902	16.065
11/9/2016 6:45:00 AM	553500.000	764.105	16.021
11/9/2016 7:00:00 AM	554400.000	763.845	15.952
11/9/2016 7:15:00 AM	555300.000	764.392	15.891
11/9/2016 7:30:00 AM	556200.000	764.109	15.873
11/9/2016 7:45:00 AM	557100.000	764.378	15.827
11/9/2016 8:00:00 AM	558000.000	764.154	15.910
11/9/2016 8:15:00 AM	558900.000	764.375	16.022
11/9/2016 8:30:00 AM	559800.000	764.533	16.158
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11/9/2016 9:00:00 AM	561600.000	763.776	16.477
11/9/2016 9:15:00 AM	562500.000	764.007	16.653
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11/9/2016 11:30:00 AM	570600.000	762.979	18.251
11/9/2016 11:45:00 AM	571500.000	762.989	18.411
11/9/2016 12:00:00 PM	572400.000	762.712	18.628
11/9/2016 12:15:00 PM	573300.000	762.197	18.818
11/9/2016 12:30:00 PM	574200.000	761.967	19.060
11/9/2016 12:45:00 PM	575100.000	762.271	19.259
11/9/2016 1:00:00 PM	576000.000	762.322	19.465
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11/9/2016 1:45:00 PM	578700.000	762.167	19.995
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11/9/2016 2:15:00 PM	580500.000	761.779	20.270
11/9/2016 2:30:00 PM	581400.000	761.954	20.408
11/9/2016 2:45:00 PM	582300.000	761.950	20.503
11/9/2016 3:00:00 PM	583200.000	761.964	20.555
11/9/2016 3:15:00 PM	584100.000	762.126	20.597
11/9/2016 3:30:00 PM	585000.000	761.718	20.597
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11/9/2016 4:15:00 PM	587700.000	761.641	20.399
11/9/2016 4:30:00 PM	588600.000	761.677	20.228
11/9/2016 4:45:00 PM	589500.000	761.299	20.124
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11/9/2016 6:30:00 PM	595800.000	762.218	18.768
11/9/2016 6:45:00 PM	596700.000	761.888	18.570
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11/9/2016 7:15:00 PM	598500.000	762.073	18.301
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11/9/2016 11:15:00 PM	612900.000	762.188	17.082
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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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11/8/2016	22:45:00	0	14.749	13.761
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11/8/2016	23:15:00	0	14.7489	13.797
11/8/2016	23:30:00	0	14.7503	13.723
11/8/2016	23:45:00	0	14.7525	13.635
11/9/2016	0:00:00	0	14.7517	13.467
11/9/2016	0:15:00	0	14.7515	13.24
11/9/2016	0:30:00	0	14.7473	12.969
11/9/2016	0:45:00	0	14.7453	12.734
11/9/2016	1:00:00	0	14.7422	12.534
11/9/2016	1:15:00	0	14.7396	12.525
11/9/2016	1:30:00	0	14.7396	12.517
11/9/2016	1:45:00	0	14.7399	12.468
11/9/2016	2:00:00	0	14.7359	12.41
11/9/2016	2:15:00	0	14.7341	12.414
11/9/2016	2:30:00	0	14.7345	12.397
11/9/2016	2:45:00	0	14.7354	12.233
11/9/2016	3:00:00	0	14.7358	12.22
11/9/2016	3:15:00	0	14.7361	12.215
11/9/2016	3:30:00	0	14.7328	12.245
11/9/2016	3:45:00	0	14.7308	12.33
11/9/2016	4:00:00	0	14.732	12.279
11/9/2016	4:15:00	0	14.73	12.264
11/9/2016	4:30:00	0	14.7274	12.387
11/9/2016	4:45:00	0	14.7254	12.511
11/9/2016	5:00:00	0	14.7251	12.539
11/9/2016	5:15:00	0	14.7222	12.52
11/9/2016	5:30:00	0	14.722	12.414
11/9/2016	5:45:00	0	14.7246	12.291

11/9/2016	6:00:00	0	14.7241	12.17
11/9/2016	6:15:00	0	14.7245	12.067
11/9/2016	6:30:00	0	14.7226	11.967
11/9/2016	6:45:00	0	14.723	11.823
11/9/2016	7:00:00	0	14.7249	11.596
11/9/2016	7:15:00	0	14.7243	11.354
11/9/2016	7:30:00	0	14.7269	11.154
11/9/2016	7:45:00	0	14.7264	11.038
11/9/2016	8:00:00	0	14.7279	11.02
11/9/2016	8:15:00	0	14.7303	11.135
11/9/2016	8:30:00	0	14.731	11.336
11/9/2016	8:45:00	0	14.7333	12.033
11/9/2016	9:00:00	0	14.7345	13.162
11/9/2016	9:15:00	0	14.735	14.357
11/9/2016	9:30:00	0	14.7323	15.487
11/9/2016	9:45:00	0	14.7328	16.592
11/9/2016	10:00:00	0	14.731	17.673
11/9/2016	10:15:00	0	14.7277	18.748
11/9/2016	10:30:00	0	14.7268	19.806
11/9/2016	10:45:00	0	14.7231	20.832
11/9/2016	11:00:00	0	14.7206	21.666
11/9/2016	11:15:00	0	14.7193	22.5
11/9/2016	11:30:00	0	14.7187	23.506
11/9/2016	11:45:00	0	14.7169	24.694
11/9/2016	12:00:00	0	14.7138	25.832
11/9/2016	12:15:00	0	14.7083	26.747
11/9/2016	12:30:00	0	14.703	27.588
11/9/2016	12:45:00	0	14.6998	28.376
11/9/2016	13:00:00	0	14.6967	29.132
11/9/2016	13:15:00	0	14.6906	29.954
11/9/2016	13:30:00	0	14.6873	30.645
11/9/2016	13:45:00	0	14.6858	31.278
11/9/2016	14:00:00	0	14.6892	29.847
11/9/2016	14:15:00	0	14.69	28.307
11/9/2016	14:30:00	0	14.6892	27.128
11/9/2016	14:45:00	0	14.6894	26.153
11/9/2016	15:00:00	0	14.6874	25.457
11/9/2016	15:15:00	0	14.6882	24.435
11/9/2016	15:30:00	0	14.6894	22.425
11/9/2016	15:45:00	0	14.6888	20.888
11/9/2016	16:00:00	0	14.6897	19.748
11/9/2016	16:15:00	0	14.6892	18.851
11/9/2016	16:30:00	0	14.6883	18.164
11/9/2016	16:45:00	0	14.6886	17.703
11/9/2016	17:00:00	0	14.6861	17.346
11/9/2016	17:15:00	0	14.6832	17.073
11/9/2016	17:30:00	0	14.6839	16.821

11/9/2016	17:45:00	0	14.683	16.547
11/9/2016	18:00:00	0	14.6841	16.222
11/9/2016	18:15:00	0	14.6845	15.867
11/9/2016	18:30:00	0	14.6854	15.489
11/9/2016	18:45:00	0	14.6857	15.143
11/9/2016	19:00:00	0	14.6868	14.856
11/9/2016	19:15:00	0	14.6874	14.586
11/9/2016	19:30:00	0	14.6882	14.331
11/9/2016	19:45:00	0	14.6896	14.147
11/9/2016	20:00:00	0	14.6912	14.078
11/9/2016	20:15:00	0	14.6904	14.026
11/9/2016	20:30:00	0	14.6935	13.94
11/9/2016	20:45:00	0	14.6919	13.845
11/9/2016	21:00:00	0	14.6938	13.782
11/9/2016	21:15:00	0	14.6934	13.685
11/9/2016	21:30:00	0	14.6936	13.592
11/9/2016	21:45:00	0	14.6955	13.509
11/9/2016	22:00:00	0	14.6966	13.449
11/9/2016	22:15:00	0	14.6961	13.33
11/9/2016	22:30:00	0	14.6971	13.183
11/9/2016	22:45:00	0	14.6974	13.049
11/9/2016	23:00:00	0	14.6978	12.889
11/9/2016	23:15:00	0	14.6971	12.687
11/9/2016	23:30:00	0	14.6973	12.591
11/9/2016	23:45:00	0	14.6968	12.509

GEOSCIENCE

GEOSCIENCE Support Services, Inc. | P (909) 451-6650 | F (909) 451-6638

620 W. Arrow Highway, Suite 2000, La Verne, CA 91750 | Mailing: P.O. Box 220, Claremont, CA 91711